

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
 Data File : VY023524.D
 Acq On : 21 Oct 2025 10:27
 Operator : SY/MD
 Sample : VY1021SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1021SBS01

Quant Time: Oct 24 01:22:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	507725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	737688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	649036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	345630	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	193552	45.588	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.180%
35) Dibromofluoromethane	7.640	113	224981	49.635	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.260%
50) Toluene-d8	10.109	98	839480	49.731	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.460%
62) 4-Bromofluorobenzene	12.407	95	265572	47.653	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	76535	20.942	ug/l	97
3) Chloromethane	2.074	50	96007	19.285	ug/l	94
4) Vinyl Chloride	2.208	62	129832	20.022	ug/l	98
5) Bromomethane	2.592	94	112639	20.700	ug/l	95
6) Chloroethane	2.732	64	94469	21.373	ug/l	95
7) Trichlorofluoromethane	3.055	101	185484	20.601	ug/l	99
8) Diethyl Ether	3.458	74	43119	18.328	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	96666	20.690	ug/l	98
10) Methyl Iodide	4.007	142	105061	20.199	ug/l	99
11) Tert butyl alcohol	4.854	59	29782	94.291	ug/l #	86
12) 1,1-Dichloroethene	3.787	96	93147	20.567	ug/l	97
13) Acrolein	3.653	56	22812	51.113	ug/l	100
14) Allyl chloride	4.391	41	104298	18.896	ug/l	98
15) Acrylonitrile	5.067	53	80058	88.919	ug/l	100
16) Acetone	3.866	43	119903	118.627	ug/l	99
17) Carbon Disulfide	4.110	76	255071	19.677	ug/l	100
18) Methyl Acetate	4.385	43	41344	15.593	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	198449	18.231	ug/l	99
20) Methylene Chloride	4.622	84	103156	18.874	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	102505	20.557	ug/l	95
22) Diisopropyl ether	6.024	45	241142	19.751	ug/l	100
23) Vinyl Acetate	5.963	43	608978	92.150	ug/l	99
24) 1,1-Dichloroethane	5.915	63	166872	20.633	ug/l	99
25) 2-Butanone	6.896	43	123377	99.983	ug/l	97
26) 2,2-Dichloropropane	6.884	77	153398	20.671	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	118114	20.507	ug/l	98
28) Bromochloromethane	7.244	49	59036	19.554	ug/l	99
29) Tetrahydrofuran	7.262	42	56628	80.926	ug/l	98
30) Chloroform	7.427	83	186548	20.994	ug/l	98
31) Cyclohexane	7.707	56	131398	18.604	ug/l #	88
32) 1,1,1-Trichloroethane	7.622	97	167846	20.786	ug/l	99
36) 1,1-Dichloropropene	7.835	75	125854	20.973	ug/l	99
37) Ethyl Acetate	6.988	43	42506	17.879	ug/l	97
38) Carbon Tetrachloride	7.817	117	152959	21.021	ug/l	99
39) Methylcyclohexane	9.109	83	152680	19.541	ug/l	97
40) Benzene	8.085	78	409670	21.557	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.262	41	57668	44.850	ug/l #	26
42) 1,2-Dichloroethane	8.158	62	97868	19.968	ug/l	98
43) Isopropyl Acetate	8.201	43	83604	17.636	ug/l	96
44) Trichloroethene	8.865	130	117839	21.185	ug/l	97
45) 1,2-Dichloropropane	9.140	63	86878	20.697	ug/l	96
46) Dibromomethane	9.231	93	54393	20.493	ug/l	98
47) Bromodichloromethane	9.426	83	141737	21.203	ug/l	97
48) Methyl methacrylate	9.225	41	36374	16.333	ug/l	93
49) 1,4-Dioxane	9.231	88	11187	363.519	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	212509	86.764	ug/l	99
52) Toluene	10.170	92	264651	21.448	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	113570	19.539	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	138303	20.160	ug/l	96
55) 1,1,2-Trichloroethane	10.572	97	72099	20.200	ug/l	96
56) Ethyl methacrylate	10.438	69	71577	17.385	ug/l	97
57) 1,3-Dichloropropane	10.719	76	115753	20.466	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	157950	85.637	ug/l	99
59) 2-Hexanone	10.761	43	168854	96.468	ug/l	99
60) Dibromochloromethane	10.914	129	102818	20.546	ug/l	99
61) 1,2-Dibromoethane	11.011	107	68658	20.170	ug/l	98
64) Tetrachloroethene	10.646	164	148305	22.130	ug/l	96
65) Chlorobenzene	11.444	112	298892	21.174	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	105088	20.891	ug/l	99
67) Ethyl Benzene	11.517	91	475071	20.791	ug/l	100
68) m/p-Xylenes	11.627	106	391375	42.703	ug/l	100
69) o-Xylene	11.956	106	178360	20.748	ug/l	98
70) Styrene	11.969	104	290473	20.548	ug/l	99
71) Bromoform	12.133	173	61136	19.593	ug/l #	100
73) Isopropylbenzene	12.255	105	463044	20.329	ug/l	100
74) N-amyl acetate	12.072	43	68201	16.670	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	70214	18.847	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	93657	30.713	ug/l #	100
77) Bromobenzene	12.529	156	123338	20.368	ug/l	98
78) n-propylbenzene	12.596	91	549380	20.843	ug/l	100
79) 2-Chlorotoluene	12.676	91	317913	20.597	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	383903	20.858	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	22311	17.942	ug/l	97
82) 4-Chlorotoluene	12.773	91	329355	20.719	ug/l	99
83) tert-Butylbenzene	12.999	119	348123	20.485	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	381863	20.789	ug/l	100
85) sec-Butylbenzene	13.176	105	513781	21.075	ug/l	99
86) p-Isopropyltoluene	13.291	119	434529	20.935	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	245648	20.832	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	239545	20.569	ug/l	99
89) n-Butylbenzene	13.615	91	366353	20.257	ug/l	99
90) Hexachloroethane	13.877	117	92759	20.778	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	212289	20.535	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10564	17.282	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	123359	19.140	ug/l	99
94) Hexachlorobutadiene	15.023	225	84356	20.997	ug/l	100
95) Naphthalene	15.145	128	169169	16.483	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	104991	18.807	ug/l	99

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBSD01

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Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

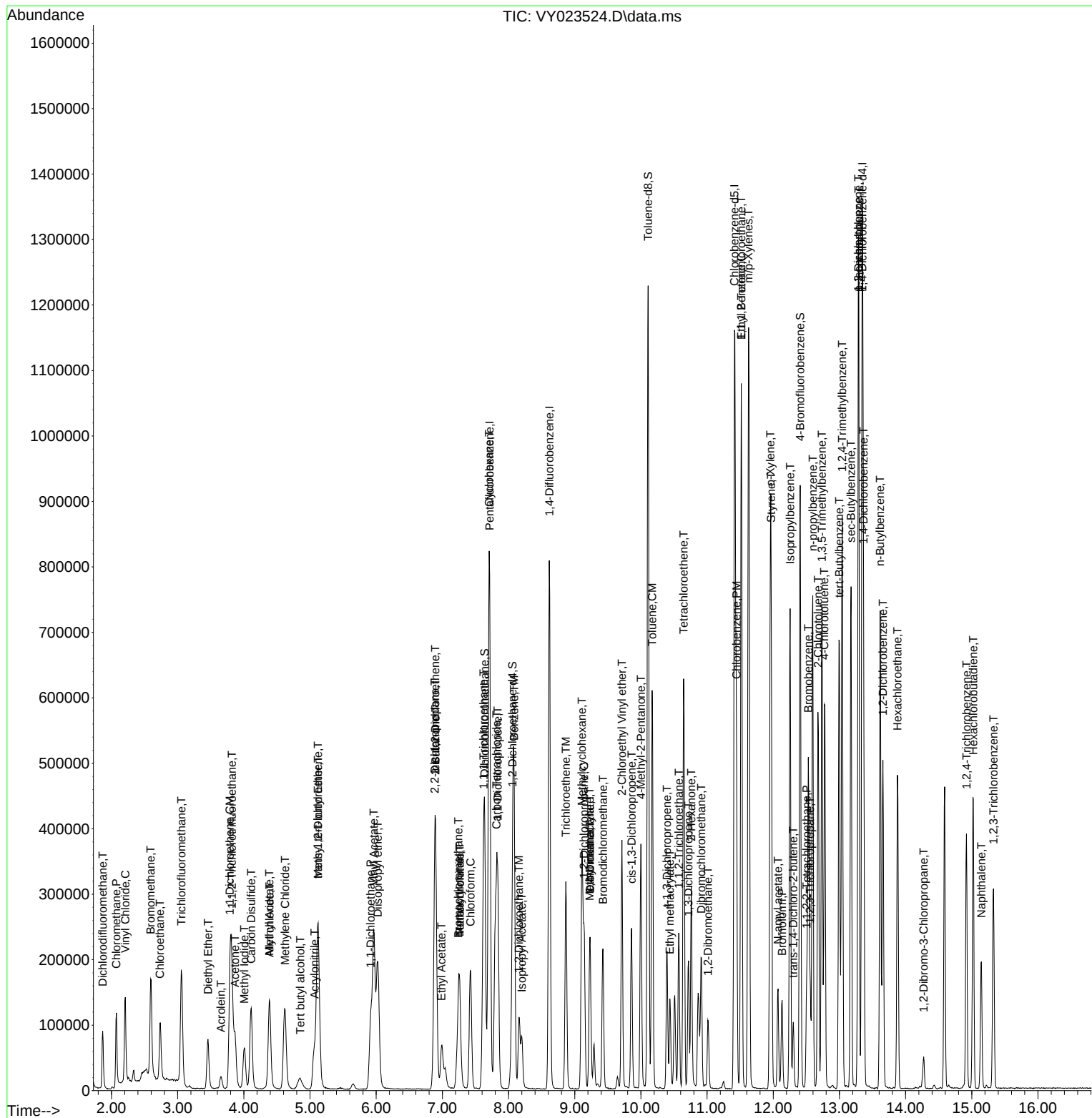
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Operator : SY/MD
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 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Time: Oct 24 01:22:56 2025
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 Quant Title : SW846 8260
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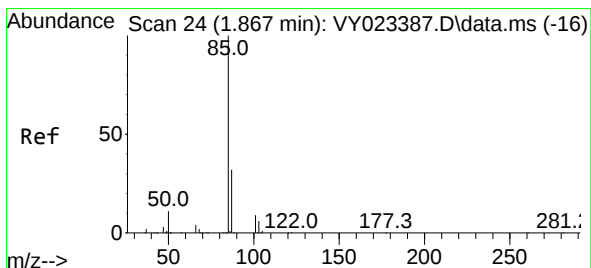
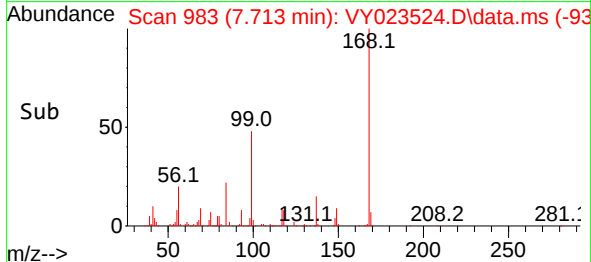
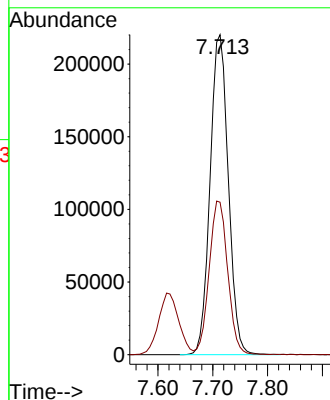
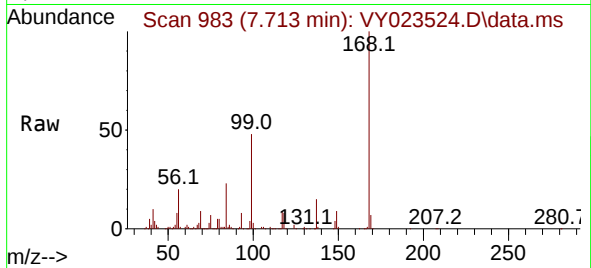




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

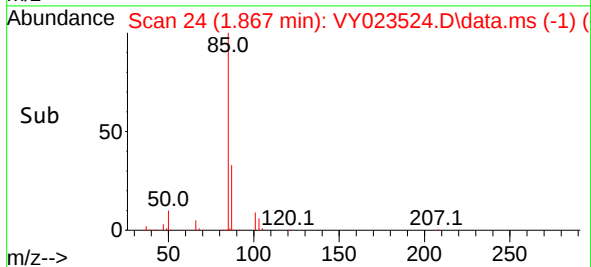
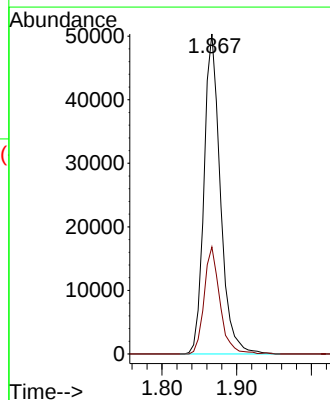
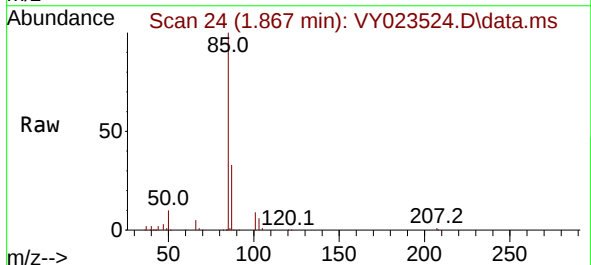
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBSD01

Tgt Ion:168 Resp: 507725
Ion Ratio Lower Upper
168 100
99 47.6 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 20.942 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

Tgt Ion: 85 Resp: 76535
Ion Ratio Lower Upper
85 100
87 33.5 16.0 47.9

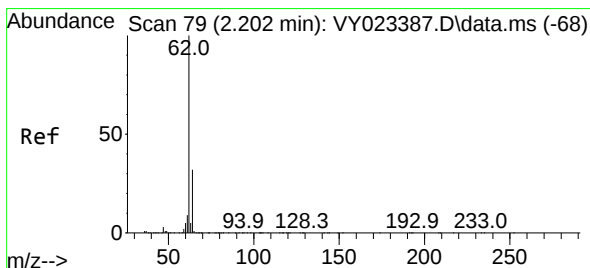
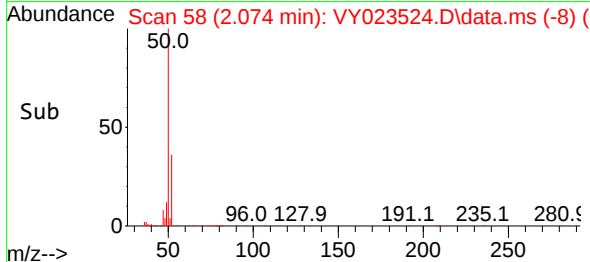
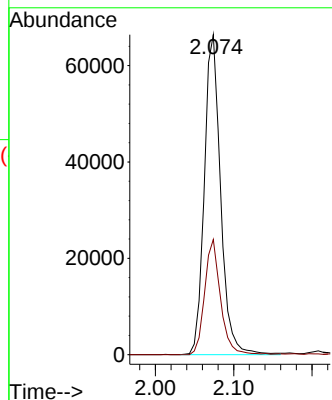
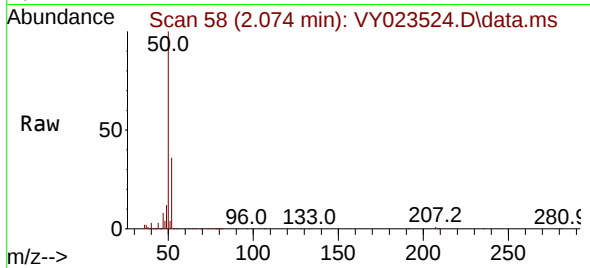




#3
Chloromethane
Concen: 19.285 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

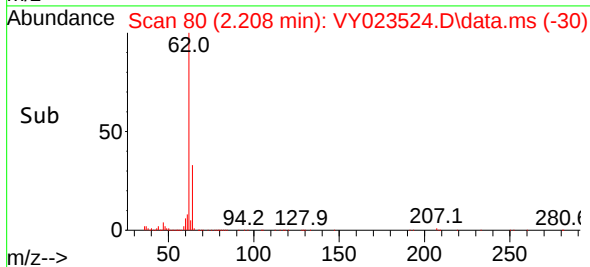
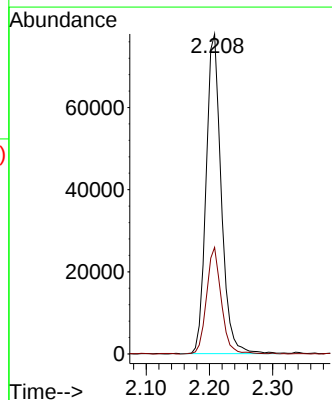
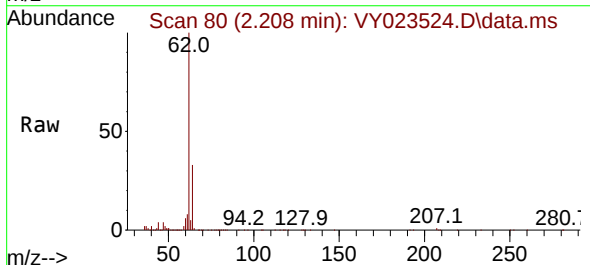
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBSD01

Tgt Ion: 50 Resp: 96007
Ion Ratio Lower Upper
50 100
52 36.0 26.2 39.2



#4
Vinyl Chloride
Concen: 20.022 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

Tgt Ion: 62 Resp: 129832
Ion Ratio Lower Upper
62 100
64 33.3 25.8 38.8

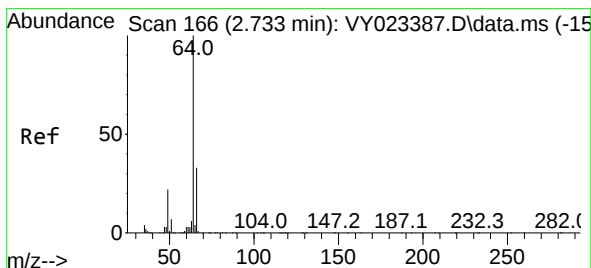
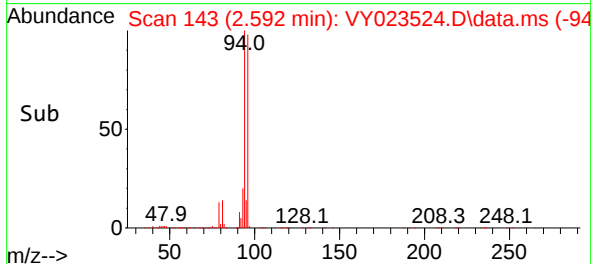
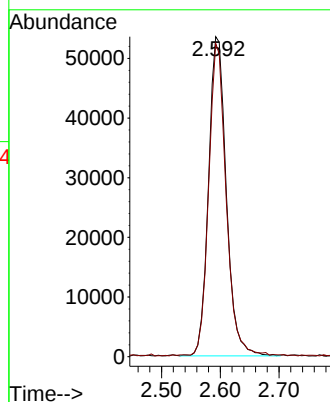
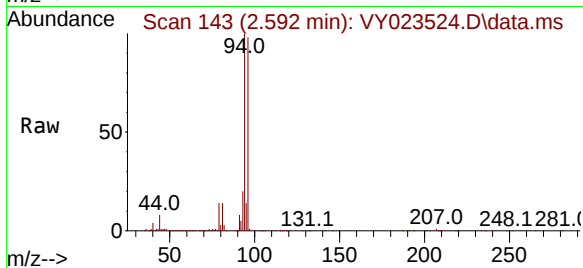




#5
Bromomethane
Concen: 20.700 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

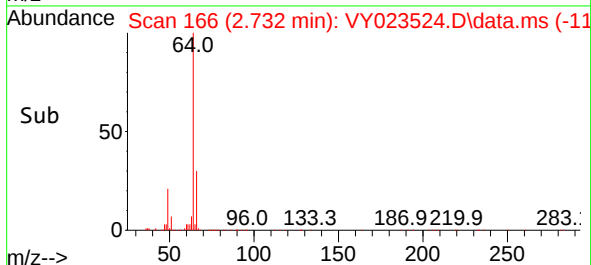
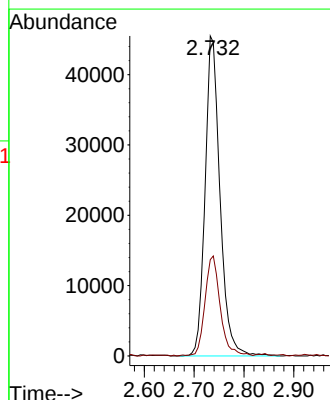
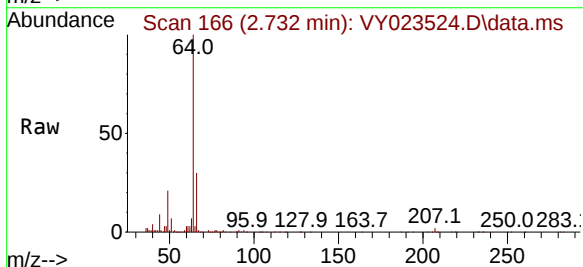
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBSD01

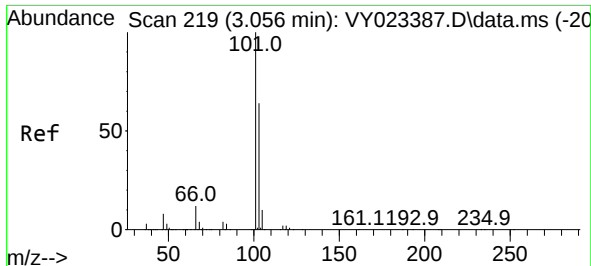
Tgt Ion: 94 Resp: 112639
Ion Ratio Lower Upper
94 100
96 97.6 74.5 111.7



#6
Chloroethane
Concen: 21.373 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

Tgt Ion: 64 Resp: 94469
Ion Ratio Lower Upper
64 100
66 30.0 26.2 39.4

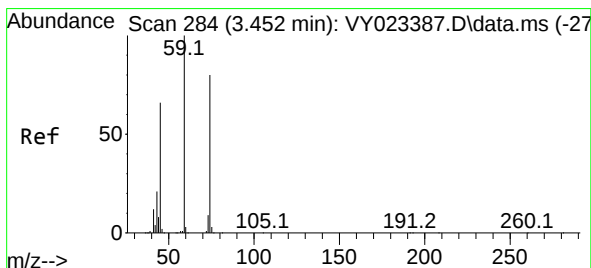
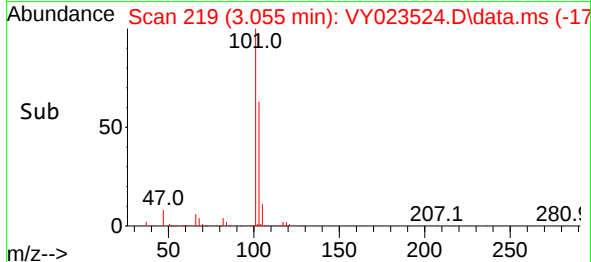
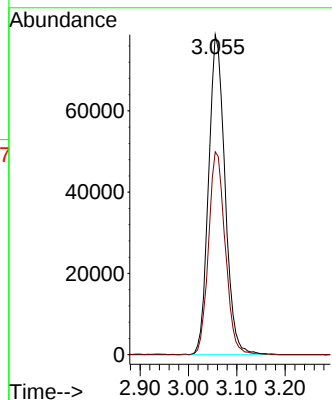
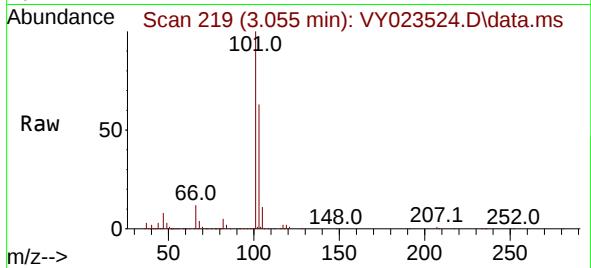




#7
 Trichlorofluoromethane
 Concen: 20.601 ug/l
 RT: 3.055 min Scan# 219
 Delta R.T. -0.000 min
 Lab File: VY023524.D
 Acq: 21 Oct 2025 10:27

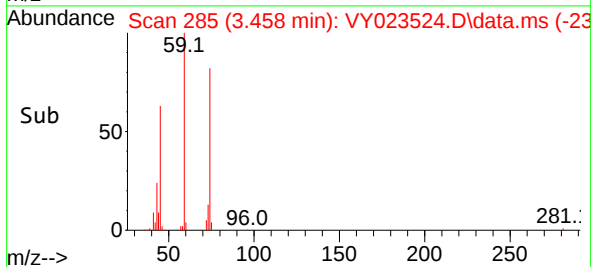
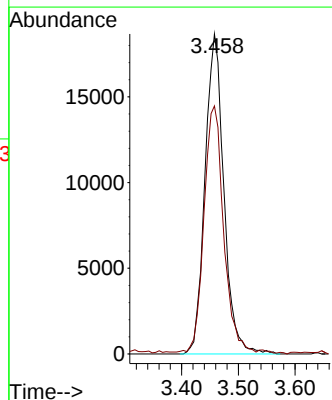
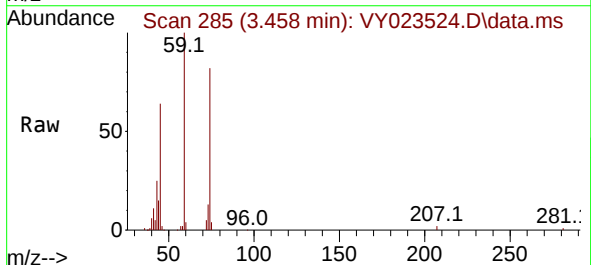
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1021SBSD01

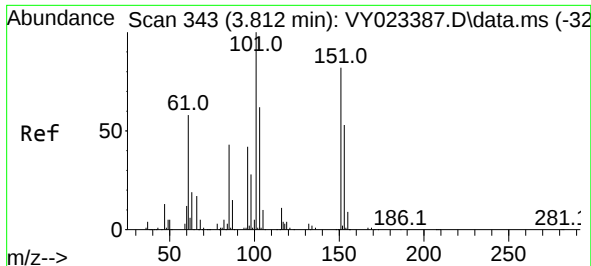
Tgt Ion:101 Resp: 185484
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.3 76.9



#8
 Diethyl Ether
 Concen: 18.328 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY023524.D
 Acq: 21 Oct 2025 10:27

Tgt Ion: 74 Resp: 43119
 Ion Ratio Lower Upper
 74 100
 45 79.4 39.9 119.7

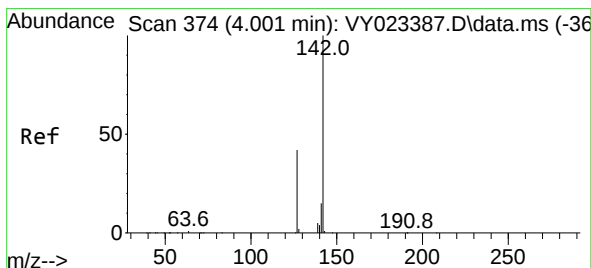
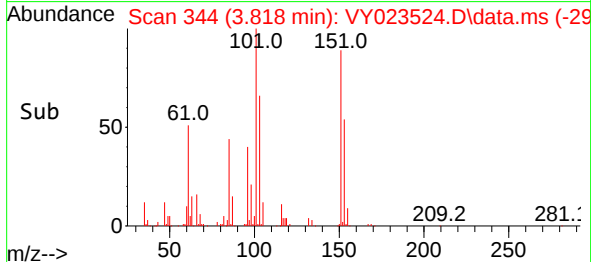
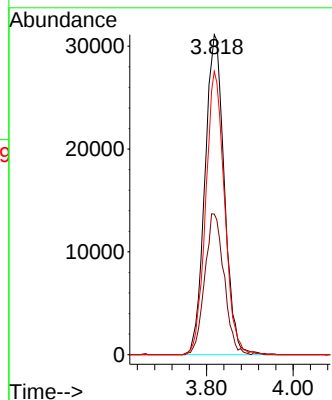
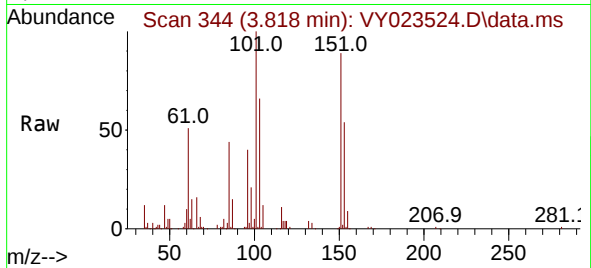




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.690 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023524.D
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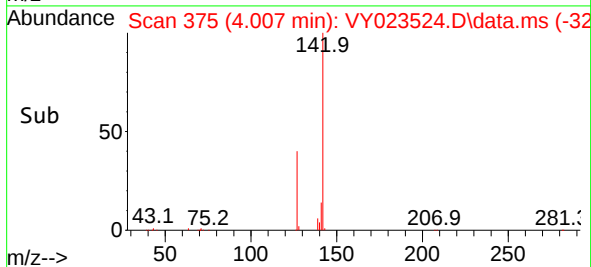
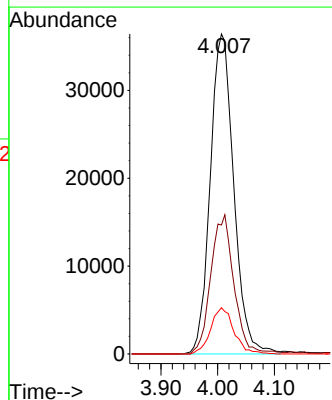
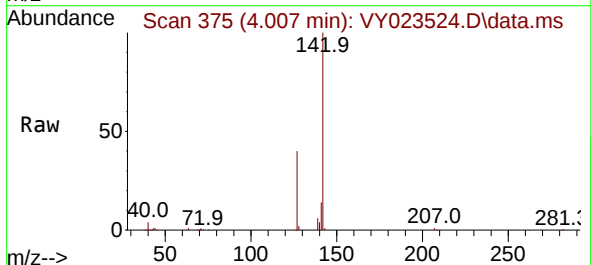
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBSD01

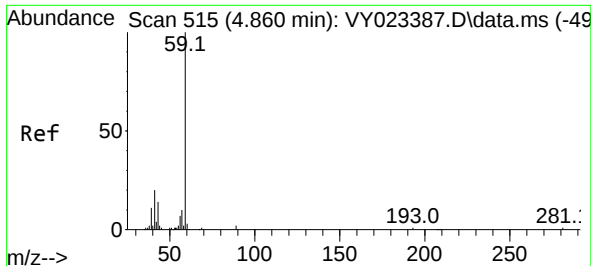
Tgt Ion:101 Resp: 96666
Ion Ratio Lower Upper
101 100
85 43.9 34.6 51.8
151 86.1 67.0 100.6



#10
Methyl Iodide
Concen: 20.199 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

Tgt Ion:142 Resp: 105061
Ion Ratio Lower Upper
142 100
127 42.8 34.8 52.2
141 14.3 11.6 17.4

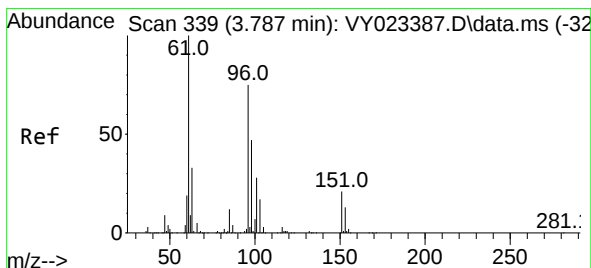
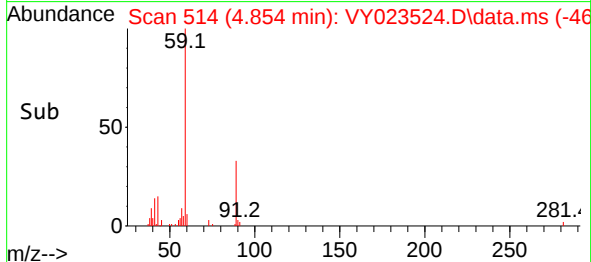
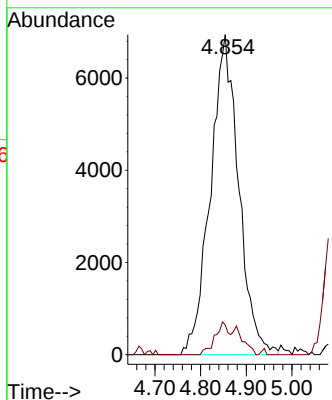
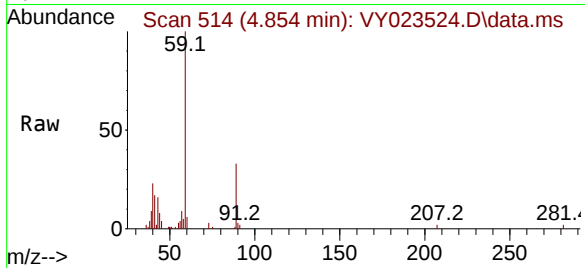




#11
Tert butyl alcohol
Concen: 94.291 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

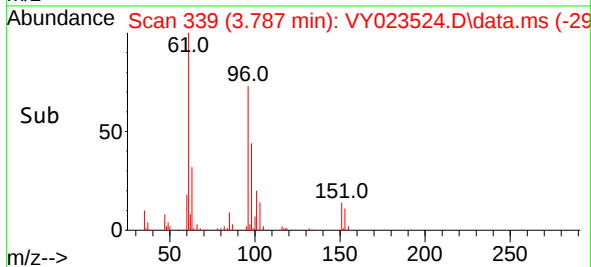
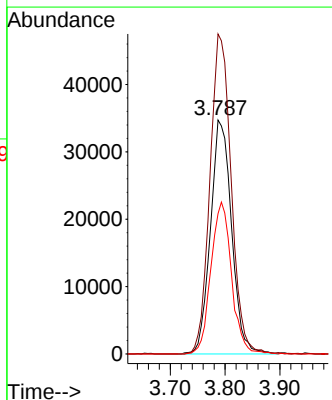
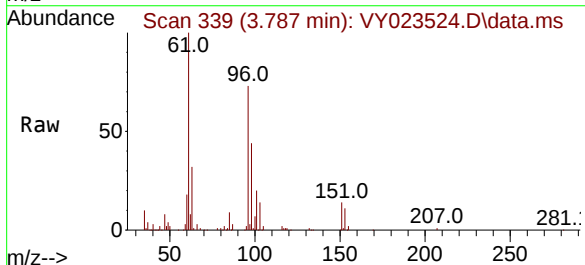
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBSD01

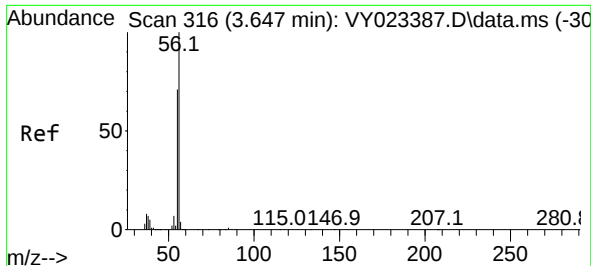
Tgt Ion: 59 Resp: 29782
Ion Ratio Lower Upper
59 100
57 5.1 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 20.567 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

Tgt Ion: 96 Resp: 93147
Ion Ratio Lower Upper
96 100
61 136.8 106.7 160.1
98 60.0 50.2 75.4





#13

Acrolein

Concen: 51.113 ug/l

RT: 3.653 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY023524.D

Acq: 21 Oct 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

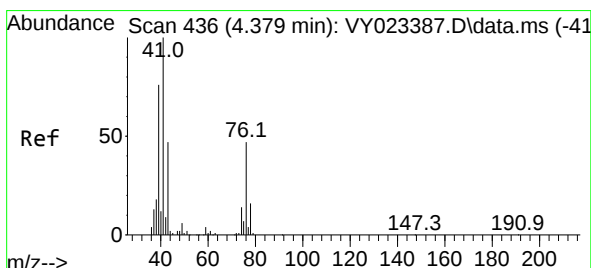
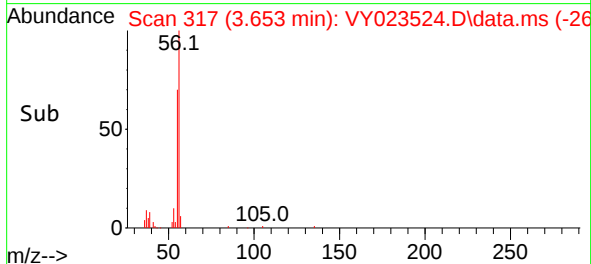
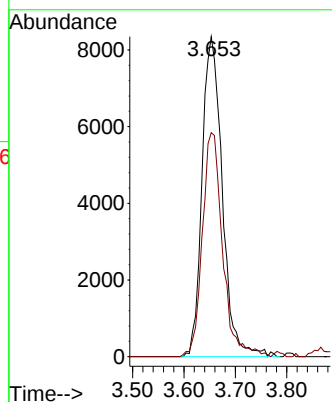
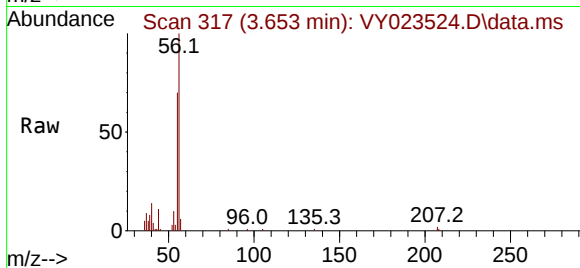
VY1021SBS01

Tgt Ion: 56 Resp: 22812

Ion Ratio Lower Upper

56 100

55 70.1 56.1 84.1



#14

Allyl chloride

Concen: 18.896 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.012 min

Lab File: VY023524.D

Acq: 21 Oct 2025 10:27

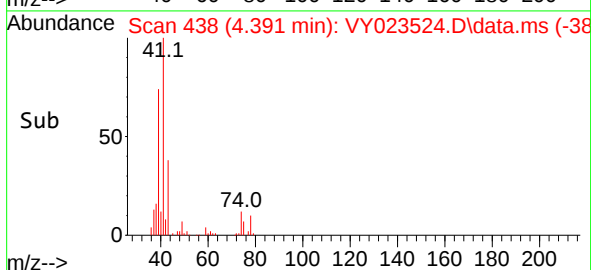
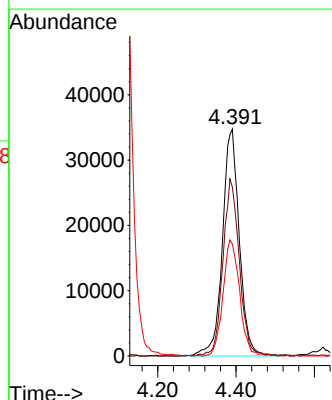
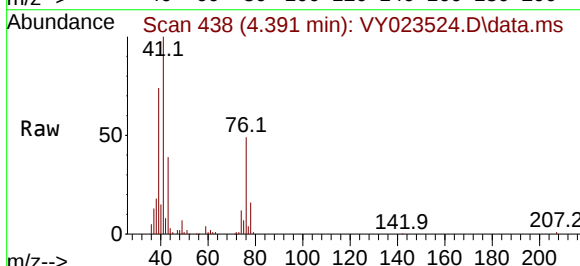
Tgt Ion: 41 Resp: 104298

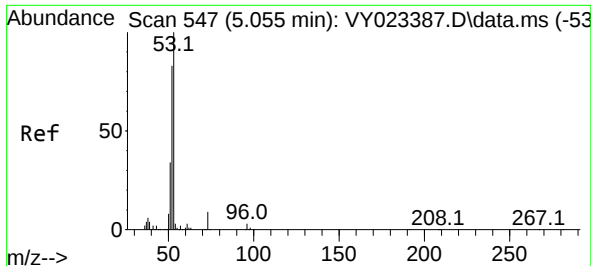
Ion Ratio Lower Upper

41 100

39 74.9 59.9 89.9

76 50.3 38.0 57.0

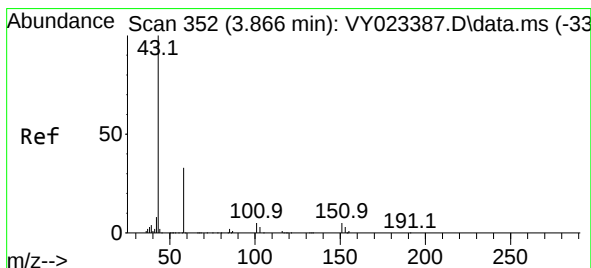
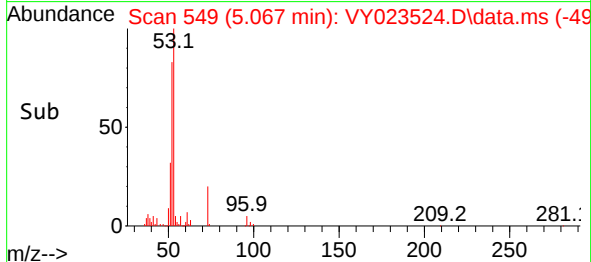
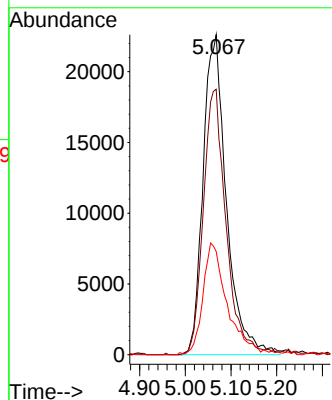
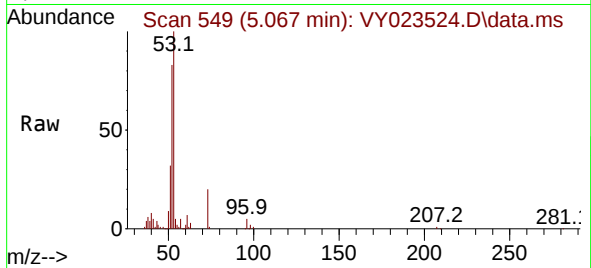




#15
Acrylonitrile
Concen: 88.919 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

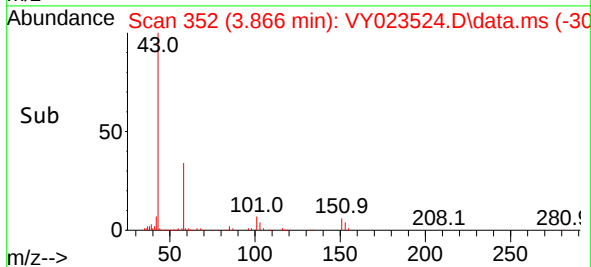
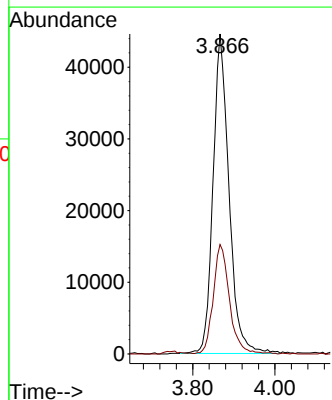
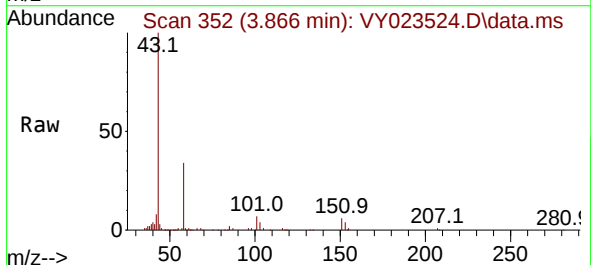
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBSD01

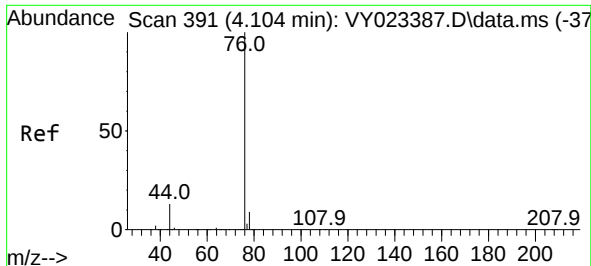
Tgt Ion: 53 Resp: 80058
Ion Ratio Lower Upper
53 100
52 80.8 64.6 97.0
51 36.6 29.5 44.3



#16
Acetone
Concen: 118.627 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

Tgt Ion: 43 Resp: 119903
Ion Ratio Lower Upper
43 100
58 34.1 27.7 41.5

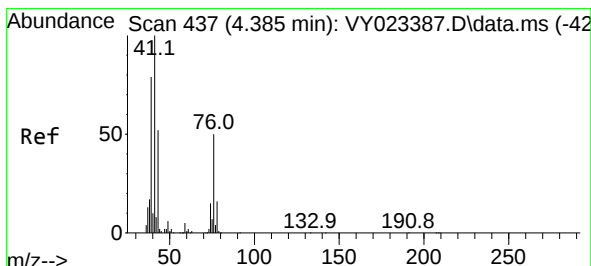
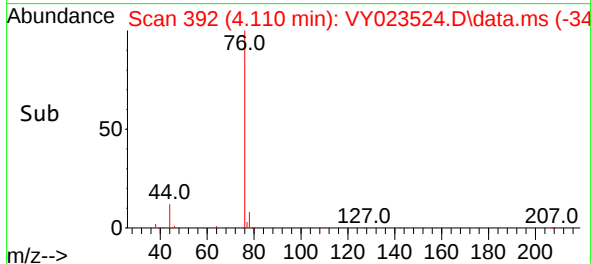
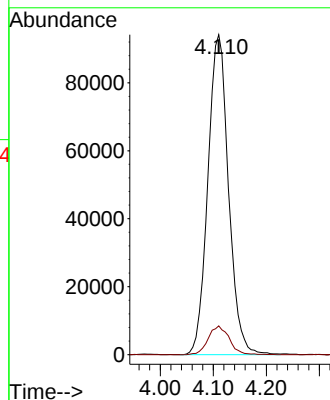
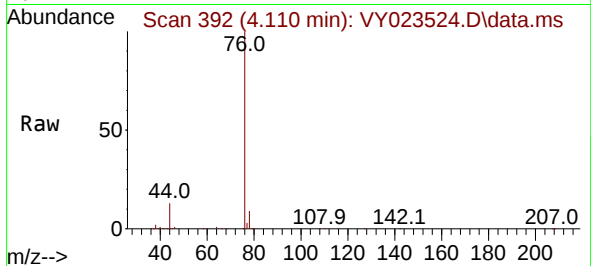




#17
Carbon Disulfide
Concen: 19.677 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

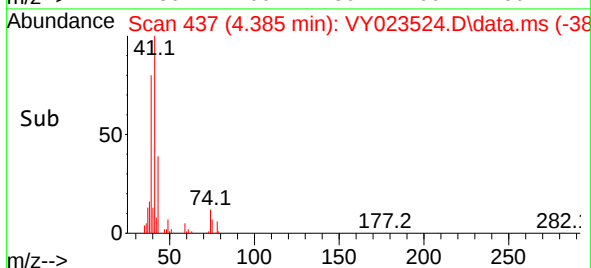
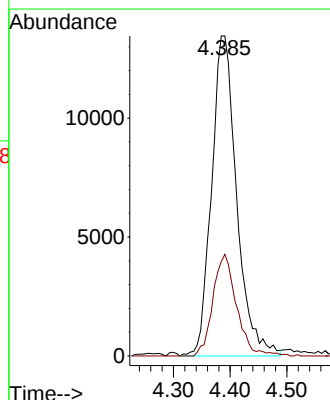
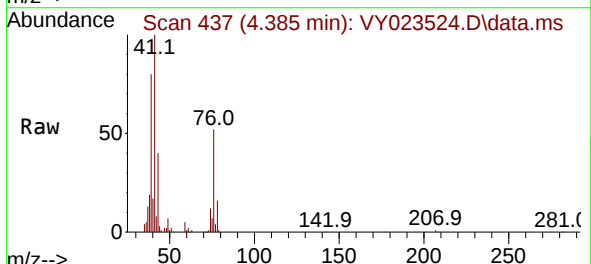
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBSD01

Tgt Ion: 76 Resp: 255071
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 15.593 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

Tgt Ion: 43 Resp: 41344
Ion Ratio Lower Upper
43 100
74 30.0 24.2 36.4

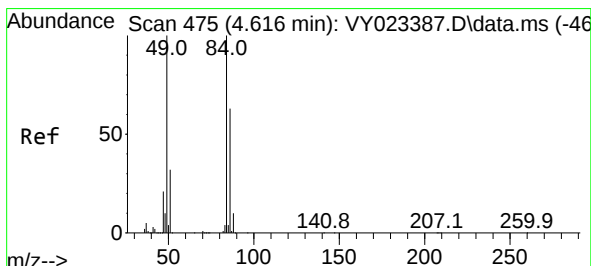
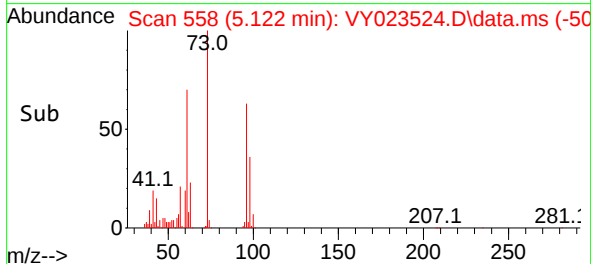
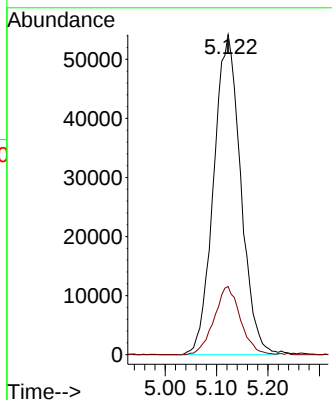
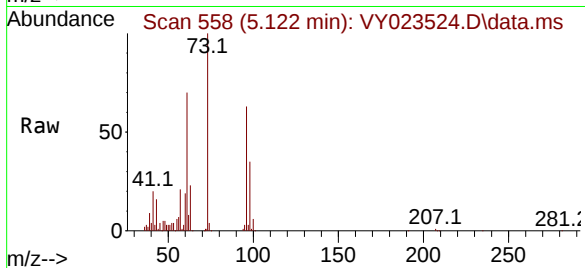




#19
Methyl tert-butyl Ether
Concen: 18.231 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

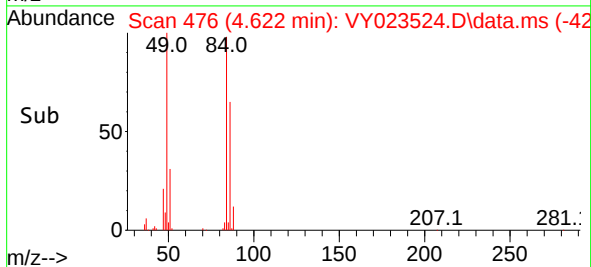
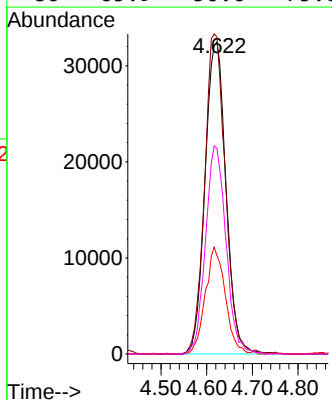
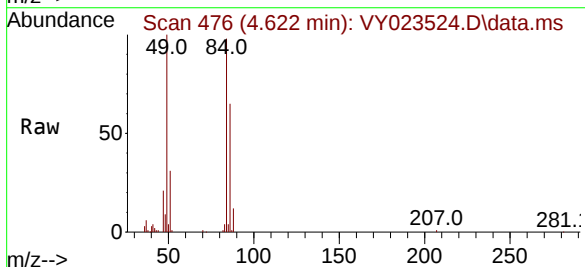
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBSD01

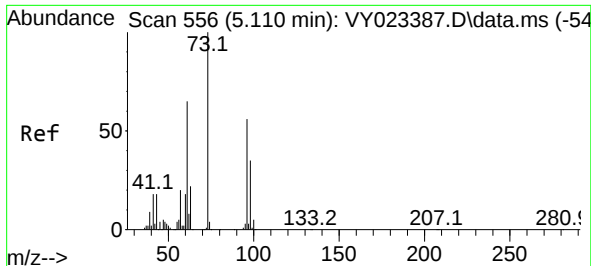
Tgt Ion: 73 Resp: 198449
Ion Ratio Lower Upper
73 100
57 21.3 17.4 26.0



#20
Methylene Chloride
Concen: 18.874 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

Tgt Ion: 84 Resp: 103156
Ion Ratio Lower Upper
84 100
49 101.7 80.2 120.4
51 31.6 25.9 38.9
86 65.9 50.6 75.8

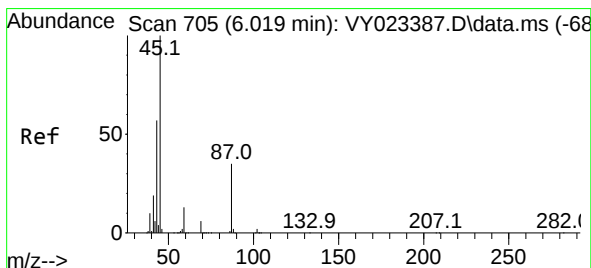
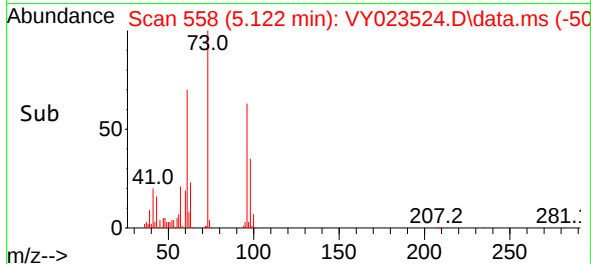
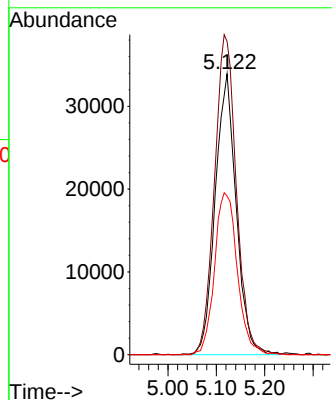
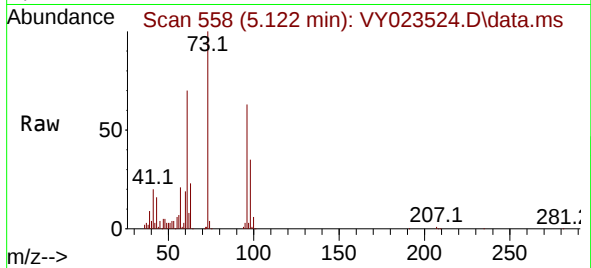




#21
trans-1,2-Dichloroethene
Concen: 20.557 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

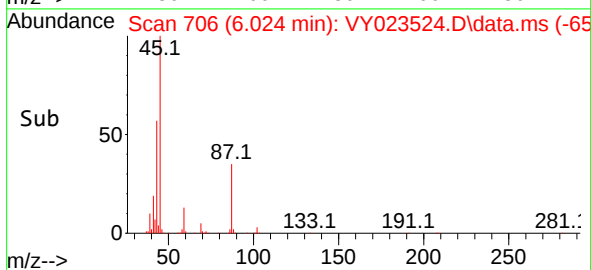
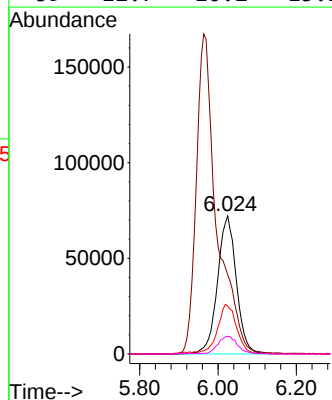
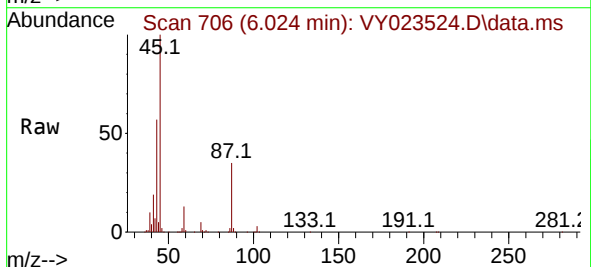
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBSD01

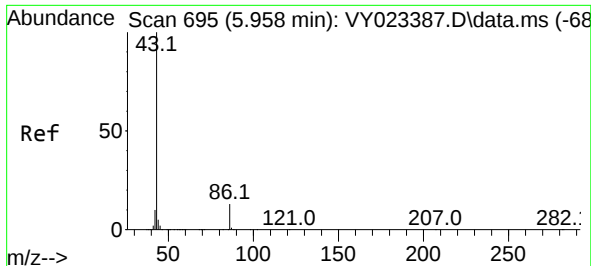
Tgt Ion: 96 Resp: 102505
Ion Ratio Lower Upper
96 100
61 111.5 92.7 139.1
98 56.4 49.7 74.5



#22
Diisopropyl ether
Concen: 19.751 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

Tgt Ion: 45 Resp: 241142
Ion Ratio Lower Upper
45 100
43 56.9 45.6 68.4
87 34.7 28.1 42.1
59 12.7 10.2 15.2

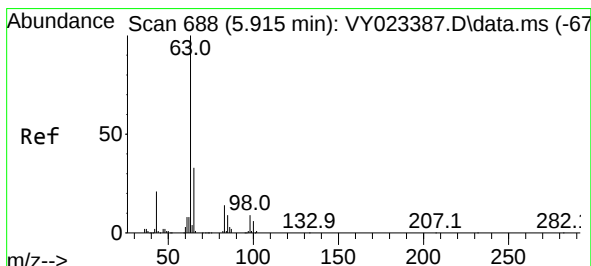
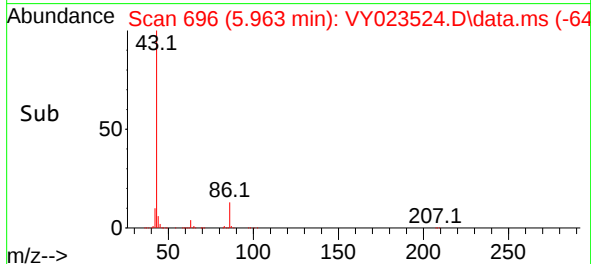
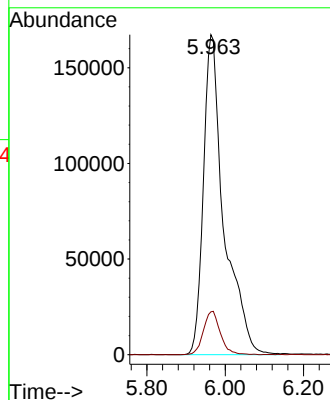
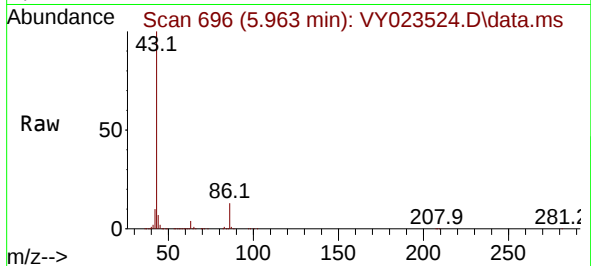




#23
 Vinyl Acetate
 Concen: 92.150 ug/l
 RT: 5.963 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023524.D
 Acq: 21 Oct 2025 10:27

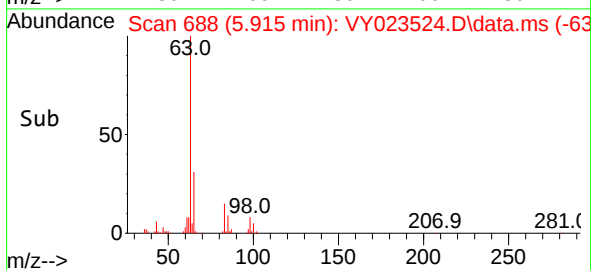
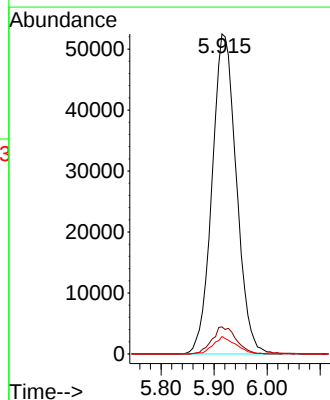
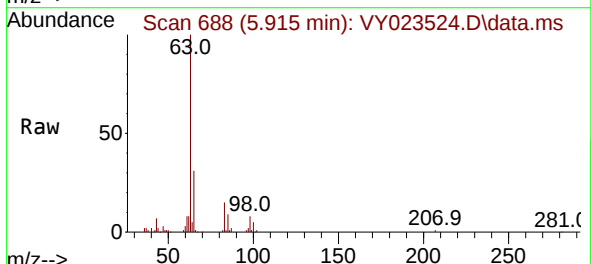
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1021SBSD01

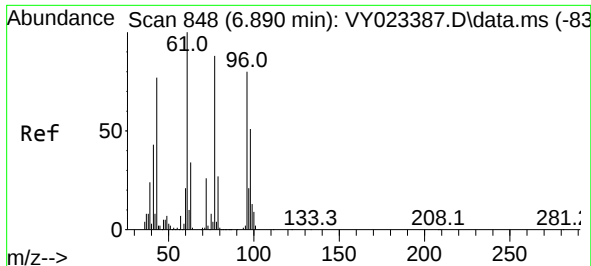
Tgt Ion: 43 Resp: 608978
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 20.633 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY023524.D
 Acq: 21 Oct 2025 10:27

Tgt Ion: 63 Resp: 166872
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.3 13.1
 100 5.5 2.8 8.4





#25

2-Butanone

Concen: 99.983 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023524.D

Acq: 21 Oct 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

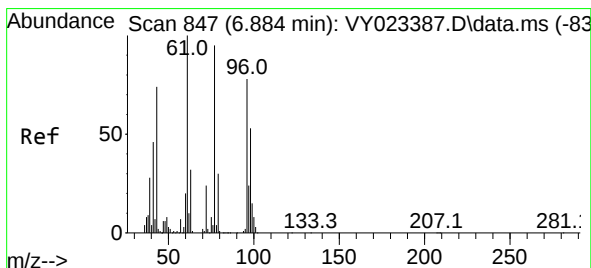
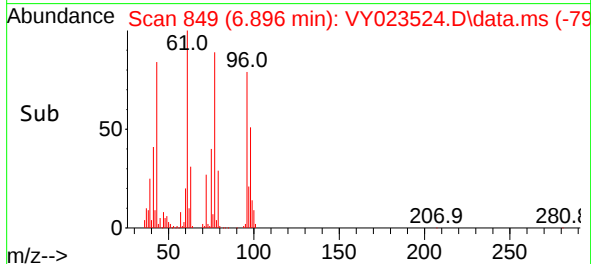
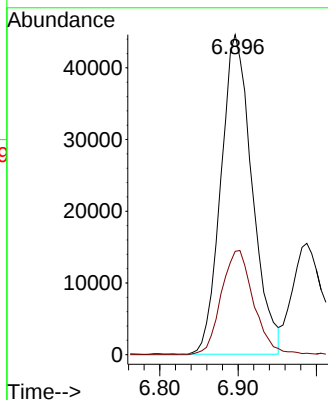
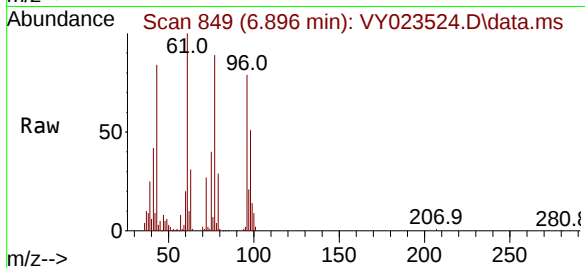
VY1021SBSD01

Tgt Ion: 43 Resp: 123377

Ion Ratio Lower Upper

43 100

72 32.4 27.4 41.2



#26

2,2-Dichloropropane

Concen: 20.671 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY023524.D

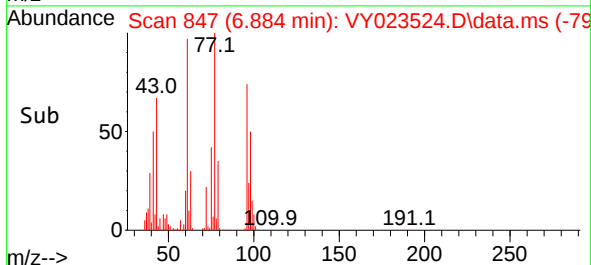
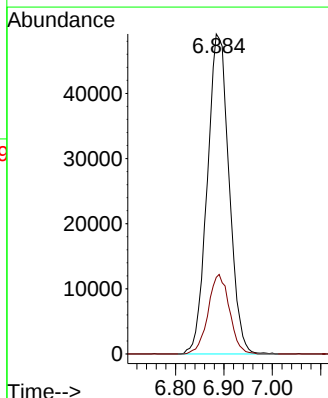
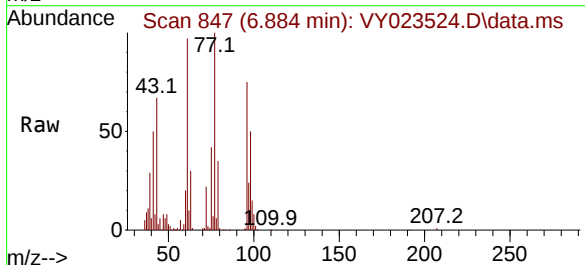
Acq: 21 Oct 2025 10:27

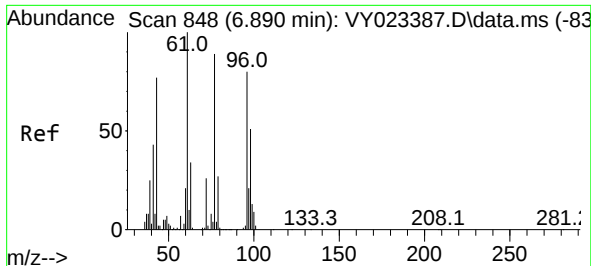
Tgt Ion: 77 Resp: 153398

Ion Ratio Lower Upper

77 100

97 24.3 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 20.507 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY023524.D

Acq: 21 Oct 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1021SBSD01

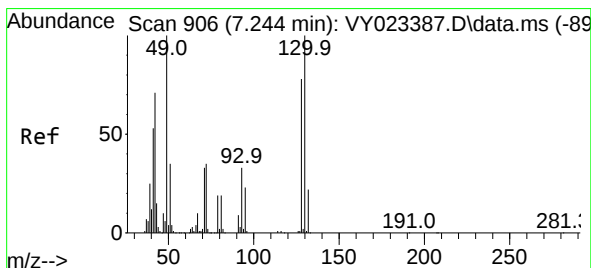
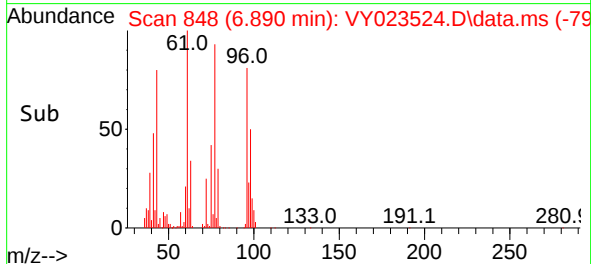
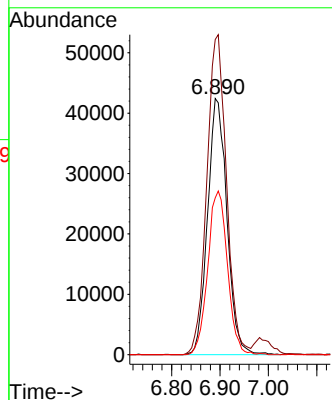
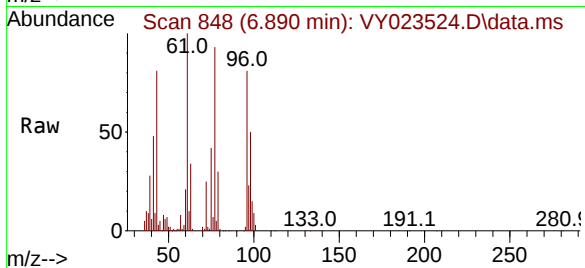
Tgt Ion: 96 Resp: 118114

Ion Ratio Lower Upper

96 100

61 126.7 0.0 258.2

98 64.8 0.0 132.0



#28

Bromochloromethane

Concen: 19.554 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY023524.D

Acq: 21 Oct 2025 10:27

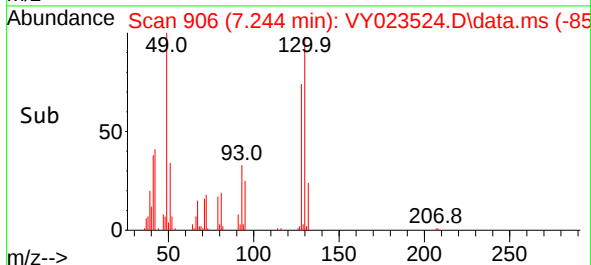
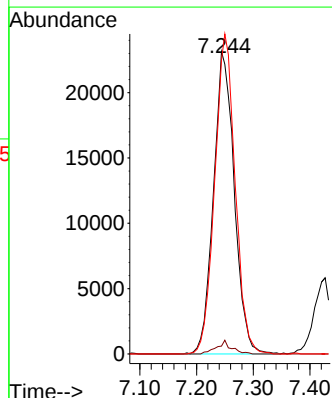
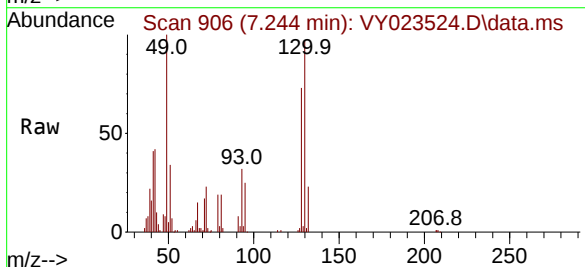
Tgt Ion: 49 Resp: 59036

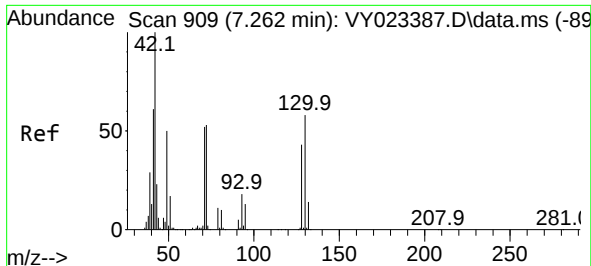
Ion Ratio Lower Upper

49 100

129 3.2 0.0 5.6

130 103.7 81.9 122.9





#29

Tetrahydrofuran

Concen: 80.926 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY023524.D

Acq: 21 Oct 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1021SBS01

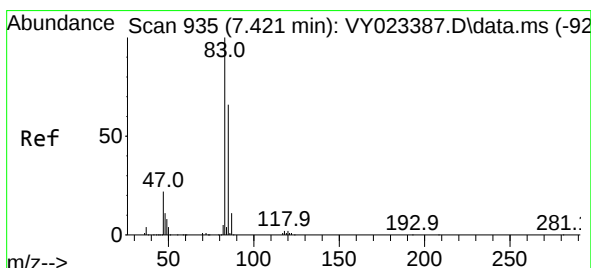
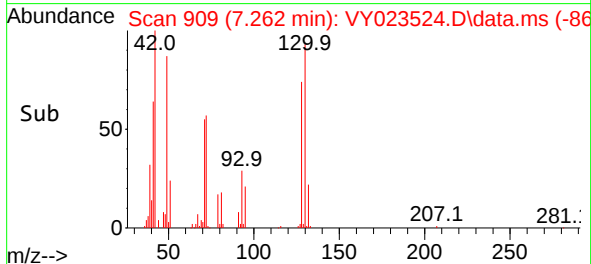
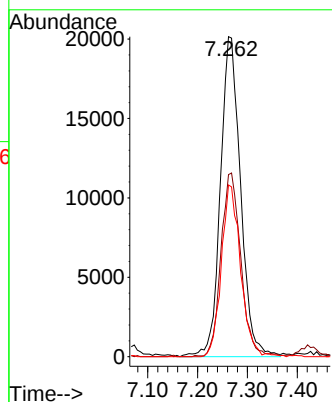
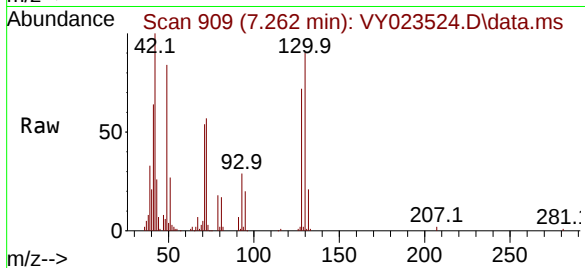
Tgt Ion: 42 Resp: 56628

Ion Ratio Lower Upper

42 100

72 56.6 43.0 64.6

71 50.7 40.1 60.1



#30

Chloroform

Concen: 20.994 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023524.D

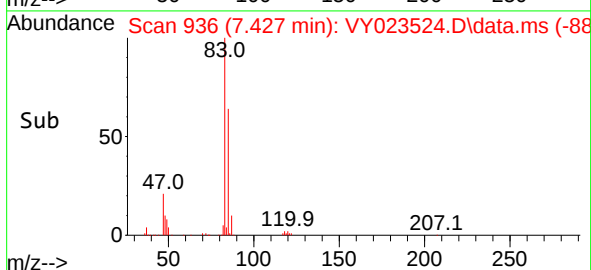
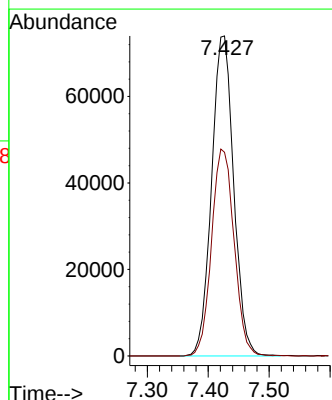
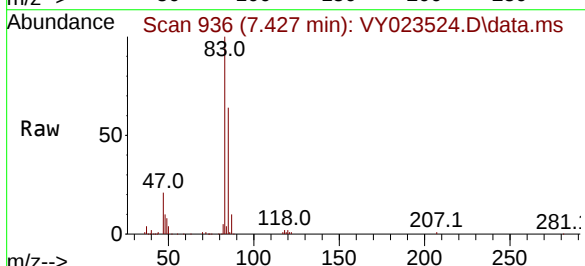
Acq: 21 Oct 2025 10:27

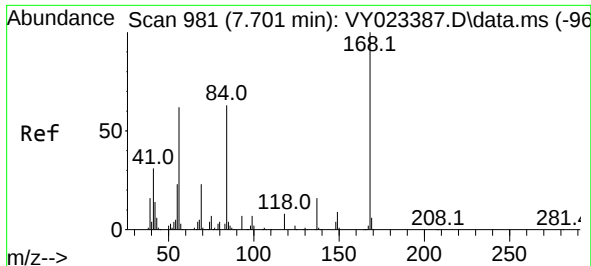
Tgt Ion: 83 Resp: 186548

Ion Ratio Lower Upper

83 100

85 63.6 52.5 78.7

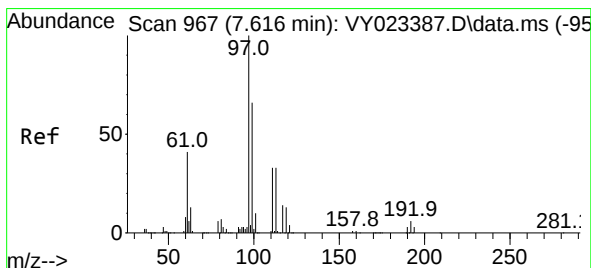
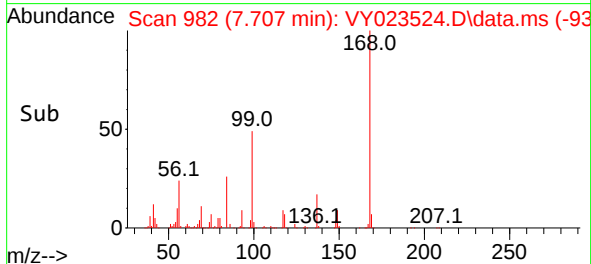
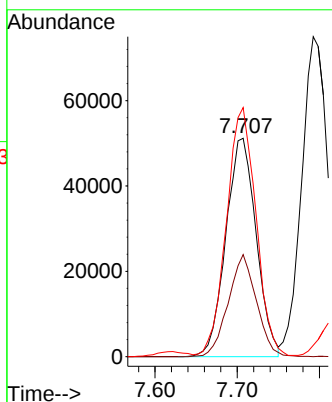
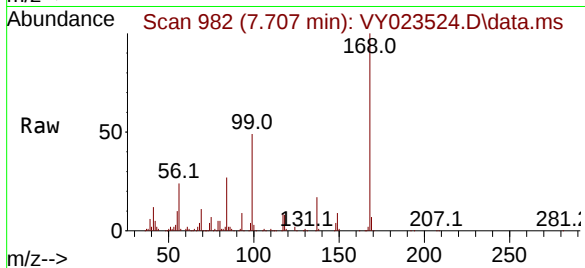




#31
Cyclohexane
Concen: 18.604 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

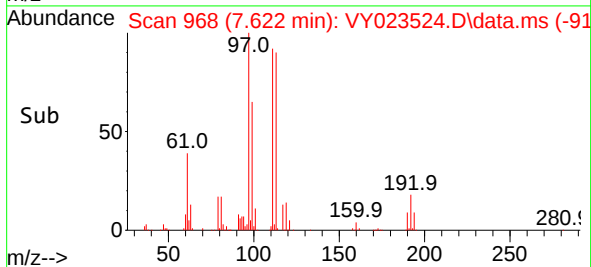
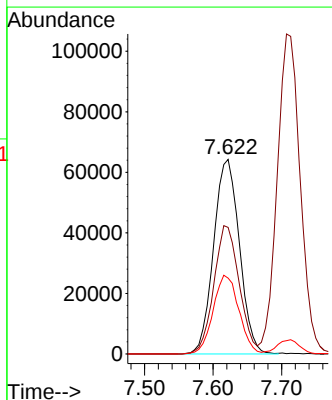
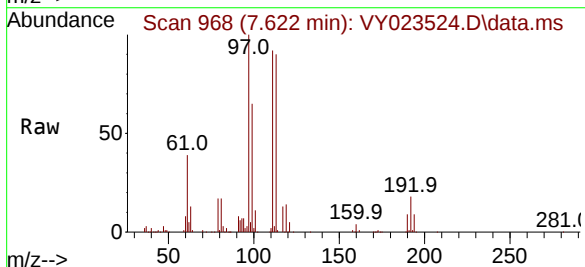
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBS01

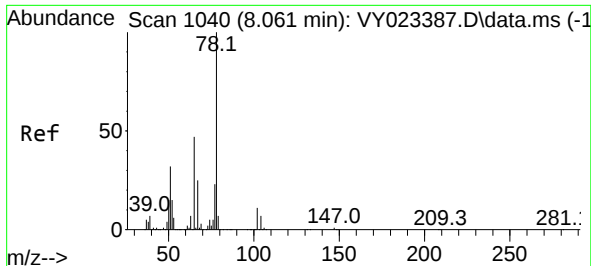
Tgt Ion: 56 Resp: 131398
Ion Ratio Lower Upper
56 100
69 46.8 30.0 45.0#
84 112.2 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 20.786 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

Tgt Ion: 97 Resp: 167846
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.2
61 40.4 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 45.588 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. -0.000 min

Lab File: VY023524.D

Acq: 21 Oct 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

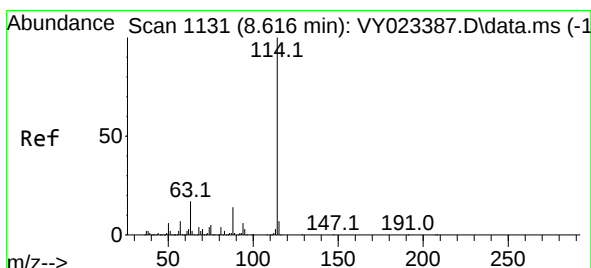
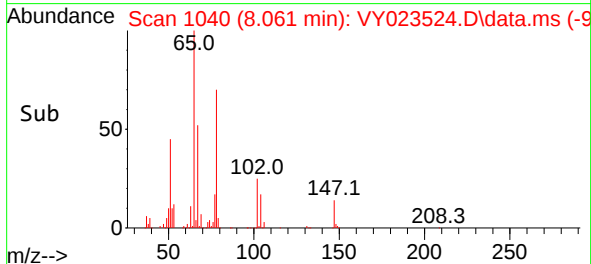
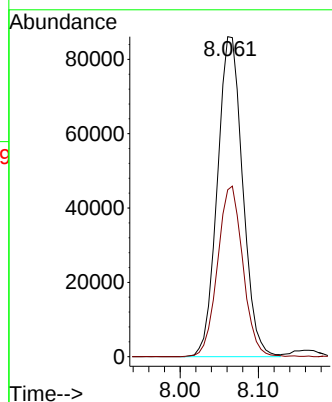
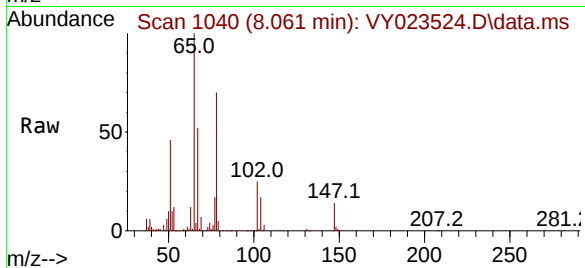
VY1021SBS01

Tgt Ion: 65 Resp: 193552

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023524.D

Acq: 21 Oct 2025 10:27

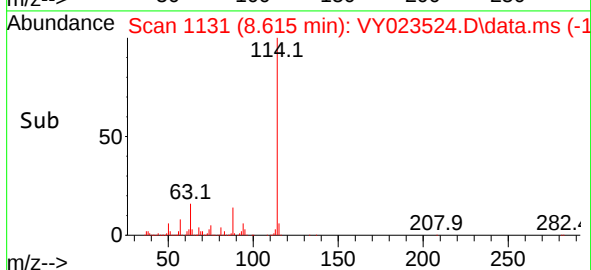
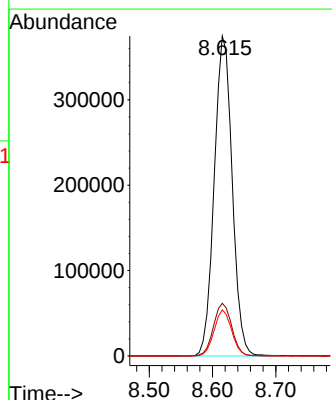
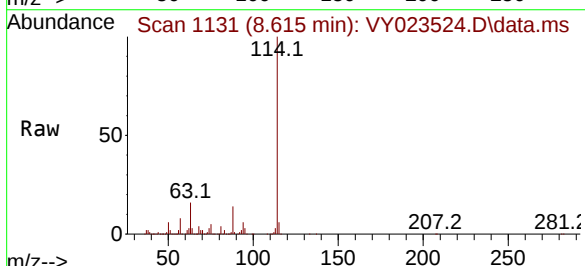
Tgt Ion: 114 Resp: 737688

Ion Ratio Lower Upper

114 100

63 16.5 0.0 34.2

88 14.4 0.0 28.4

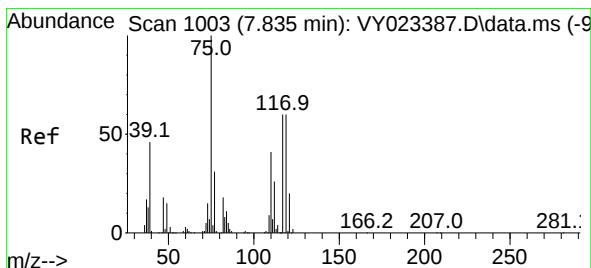
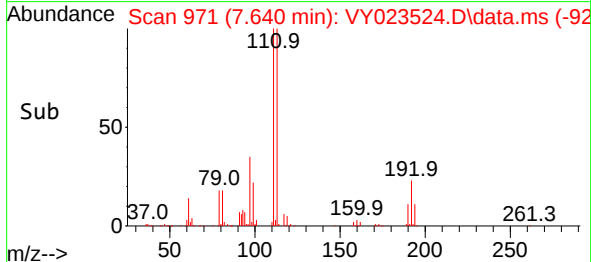
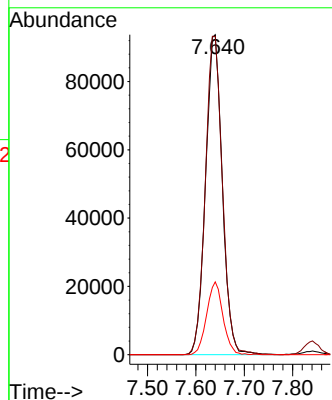
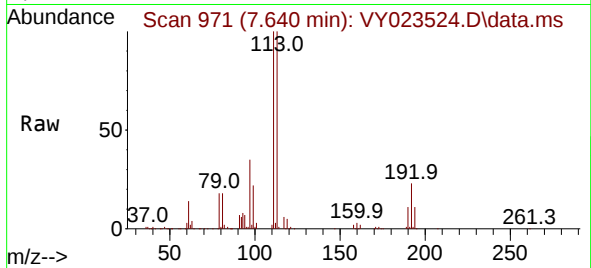




#35
Dibromofluoromethane
Concen: 49.635 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

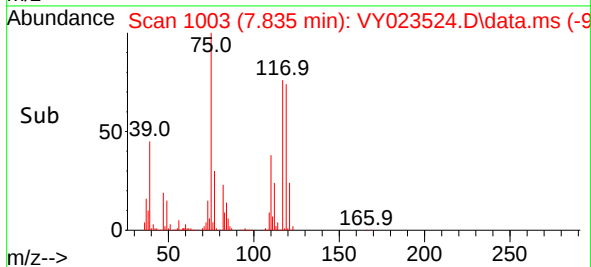
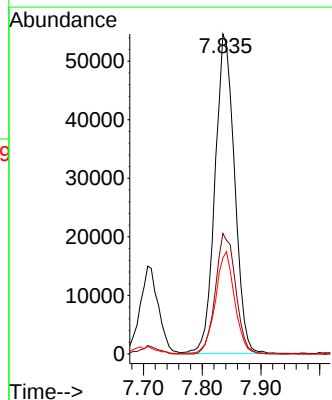
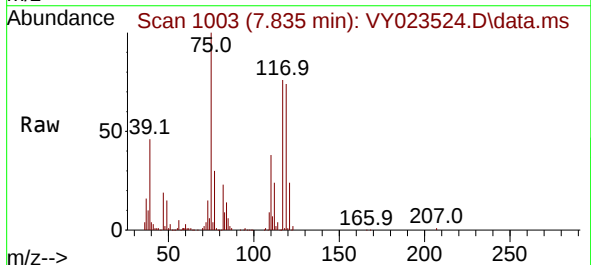
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBSD01

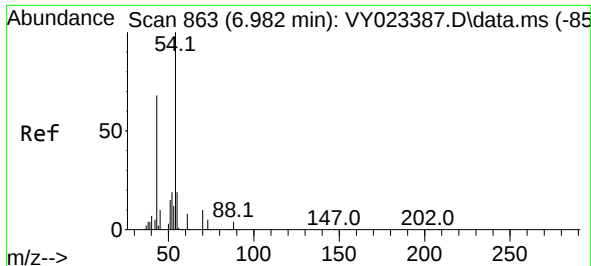
Tgt Ion:113 Resp: 224981
Ion Ratio Lower Upper
113 100
111 101.4 81.8 122.6
192 22.2 18.0 27.0



#36
1,1-Dichloropropene
Concen: 20.973 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

Tgt Ion: 75 Resp: 125854
Ion Ratio Lower Upper
75 100
110 38.9 19.9 59.7
77 31.8 25.0 37.6

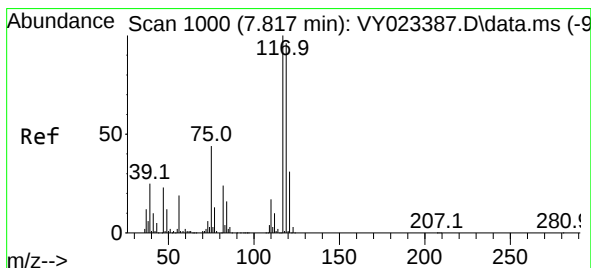
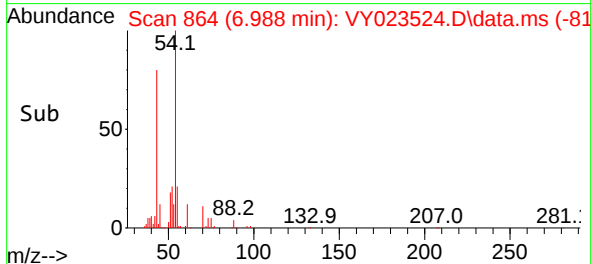
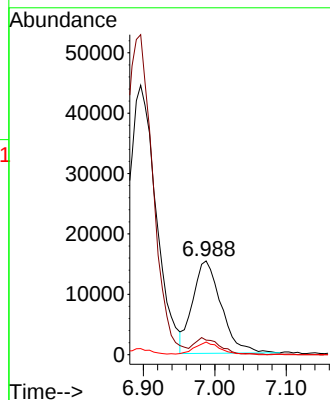
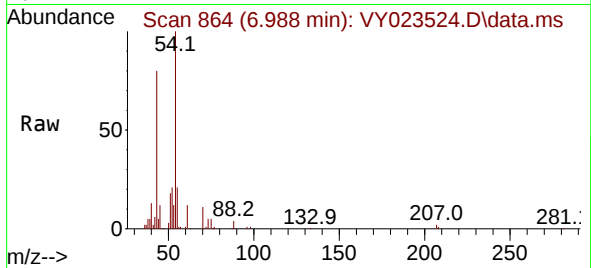




#37
Ethyl Acetate
Concen: 17.879 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.006 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

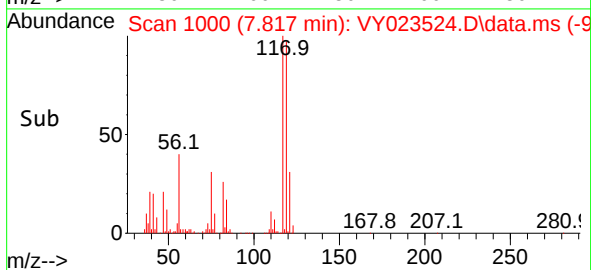
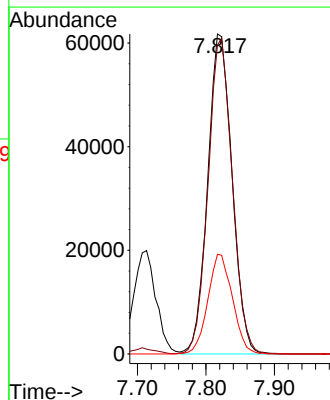
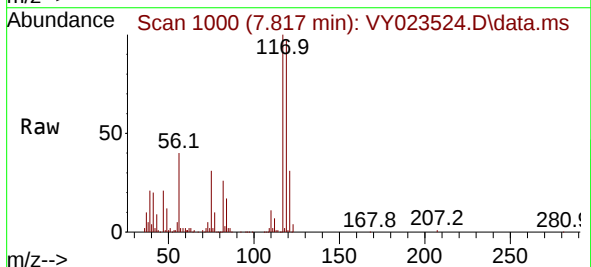
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBSD01

Tgt Ion: 43 Resp: 42506
Ion Ratio Lower Upper
43 100
61 16.2 11.8 17.8
70 12.2 10.5 15.7



#38
Carbon Tetrachloride
Concen: 21.021 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

Tgt Ion: 117 Resp: 152959
Ion Ratio Lower Upper
117 100
119 96.6 76.8 115.2
121 31.2 24.5 36.7





#39

Methylcyclohexane

Concen: 19.541 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023524.D

Acq: 21 Oct 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1021SBSD01

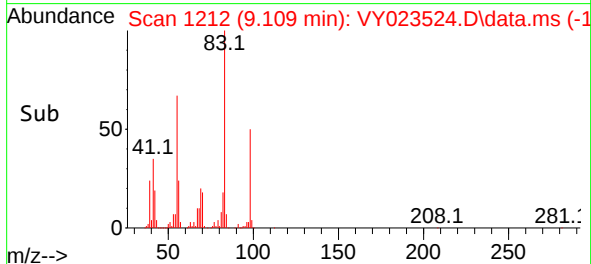
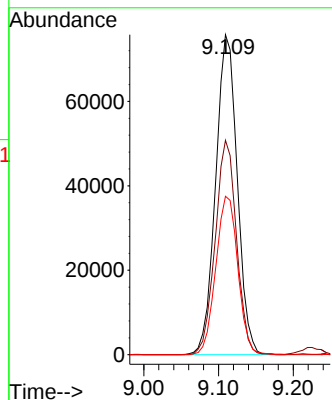
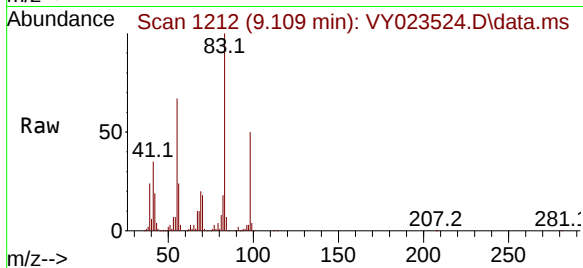
Tgt Ion: 83 Resp: 152680

Ion Ratio Lower Upper

83 100

55 67.0 51.4 77.2

98 49.5 40.4 60.6



#40

Benzene

Concen: 21.557 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023524.D

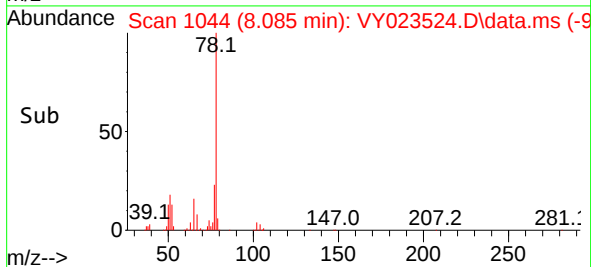
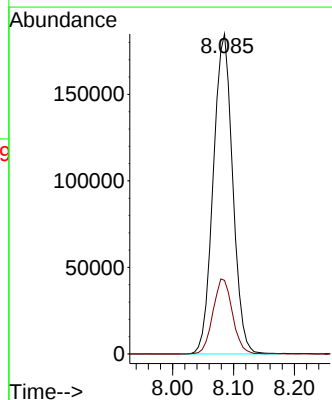
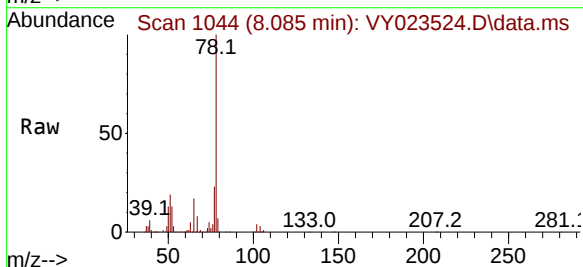
Acq: 21 Oct 2025 10:27

Tgt Ion: 78 Resp: 409670

Ion Ratio Lower Upper

78 100

77 23.0 18.3 27.5

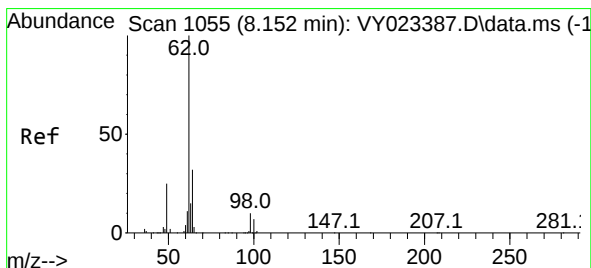
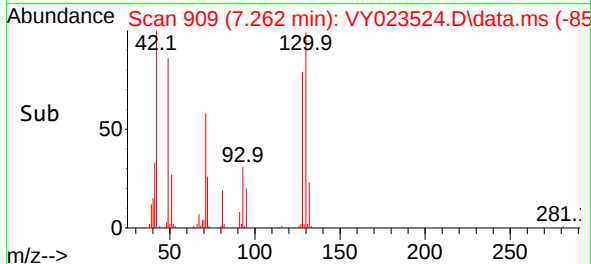
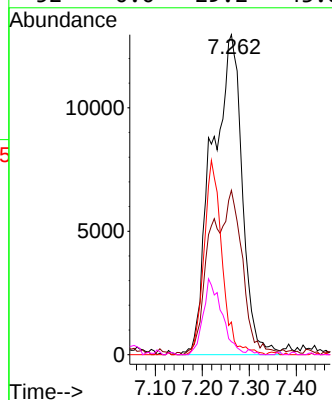
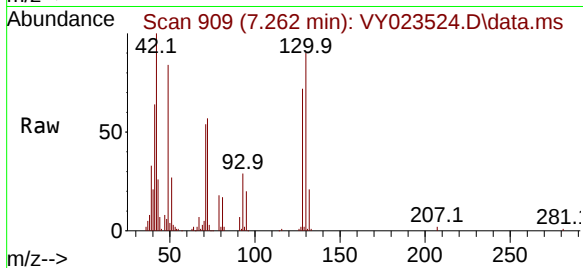




#41
Methacrylonitrile
Concen: 44.850 ug/l
RT: 7.262 min Scan# 902
Delta R.T. 0.042 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

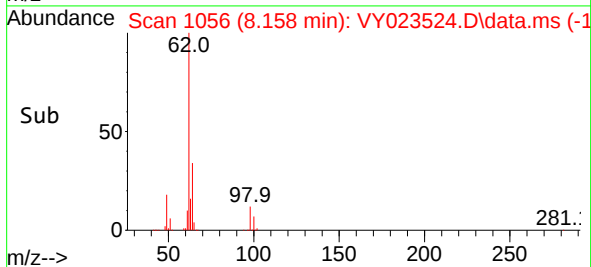
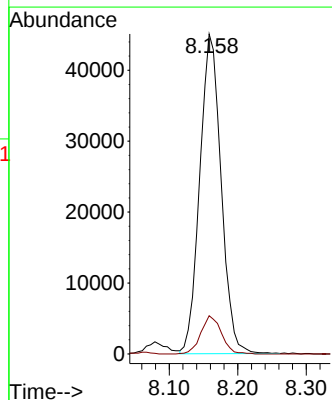
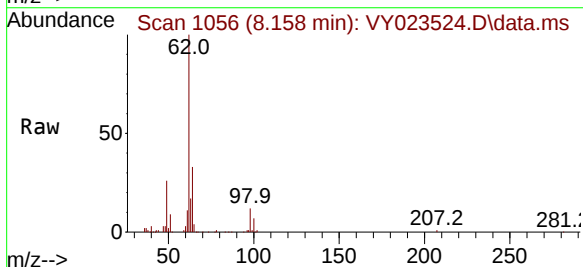
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBSD01

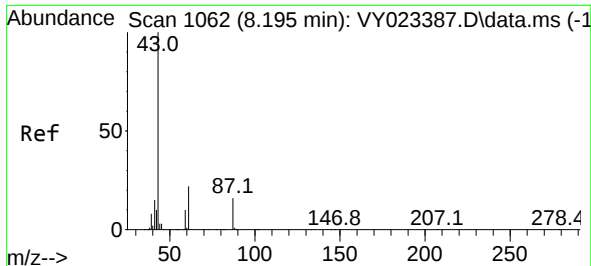
Tgt Ion: 41 Resp: 57668
Ion Ratio Lower Upper
41 100
39 27.7 52.2 78.4#
67 0.0 74.9 112.3#
52 0.0 29.2 43.8#



#42
1,2-Dichloroethane
Concen: 19.968 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

Tgt Ion: 62 Resp: 97868
Ion Ratio Lower Upper
62 100
98 11.5 0.0 21.6

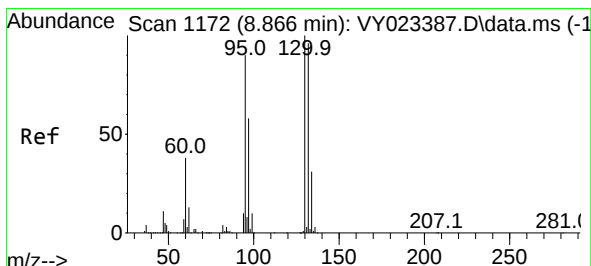
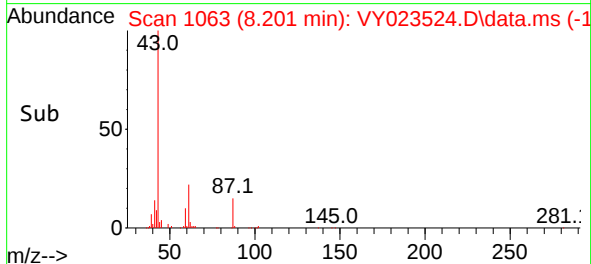
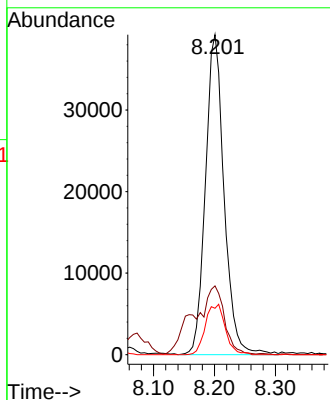
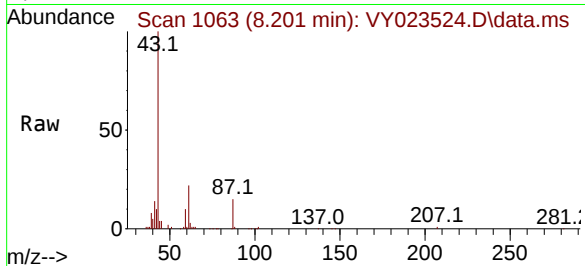




#43
Isopropyl Acetate
Concen: 17.636 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

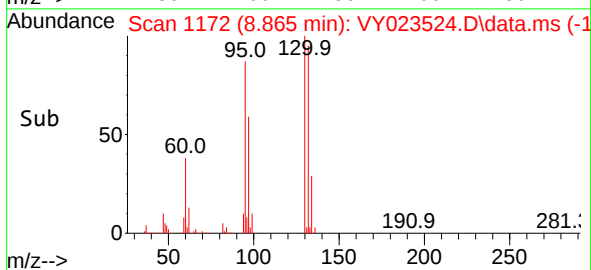
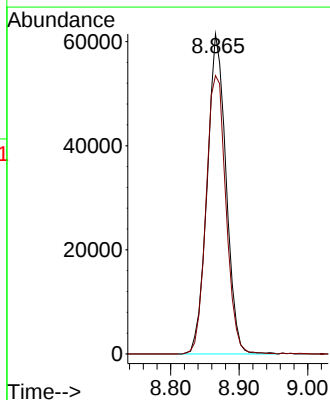
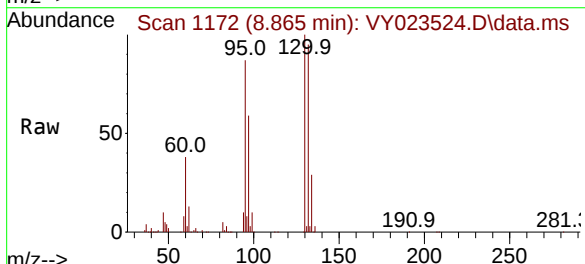
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBS01

Tgt Ion: 43 Resp: 83604
Ion Ratio Lower Upper
43 100
61 19.3 18.1 27.1
87 16.8 13.5 20.3



#44
Trichloroethene
Concen: 21.185 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

Tgt Ion:130 Resp: 117839
Ion Ratio Lower Upper
130 100
95 87.0 0.0 180.6





#45

1,2-Dichloropropane

Concen: 20.697 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023524.D

Acq: 21 Oct 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

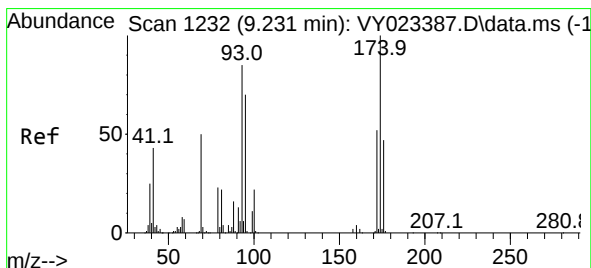
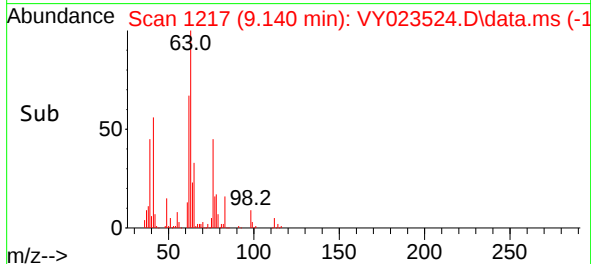
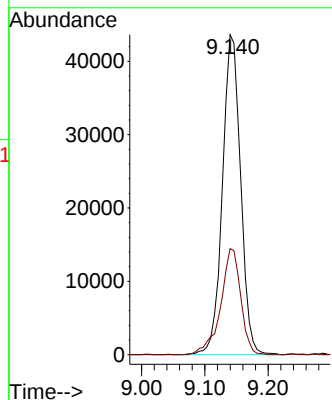
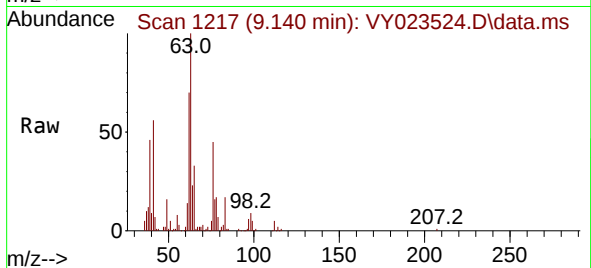
VY1021SBSD01

Tgt Ion: 63 Resp: 86878

Ion Ratio Lower Upper

63 100

65 33.1 24.9 37.3



#46

Dibromomethane

Concen: 20.493 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023524.D

Acq: 21 Oct 2025 10:27

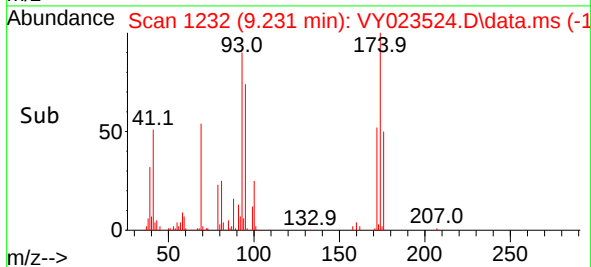
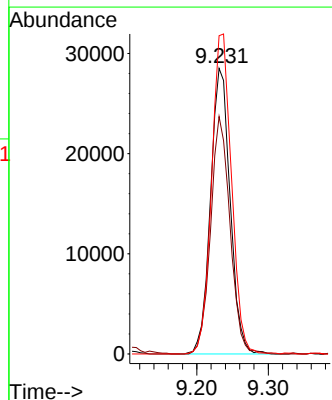
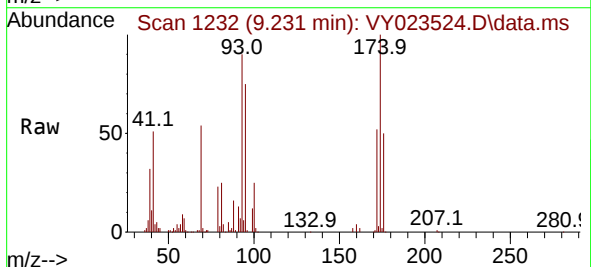
Tgt Ion: 93 Resp: 54393

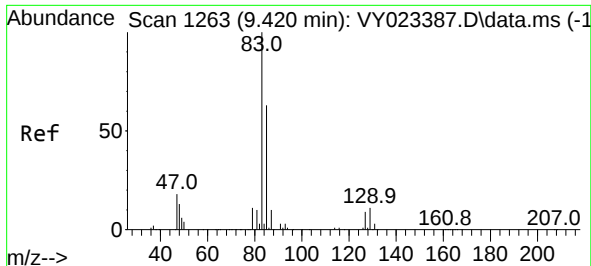
Ion Ratio Lower Upper

93 100

95 82.0 65.4 98.0

174 113.6 92.9 139.3

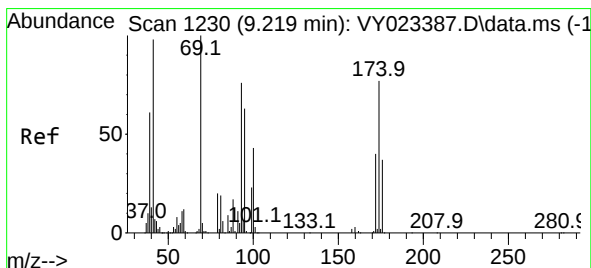
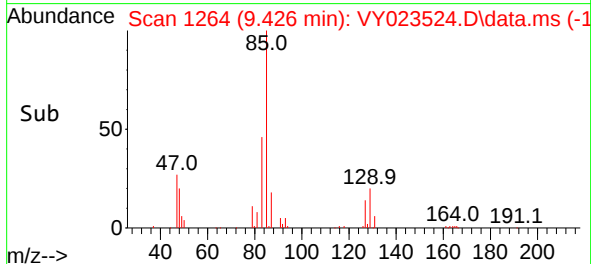
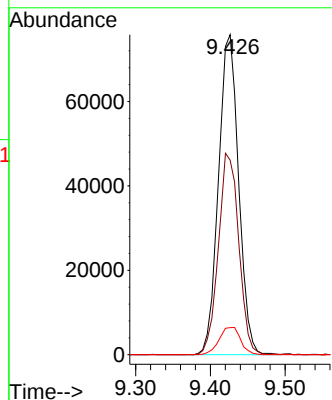
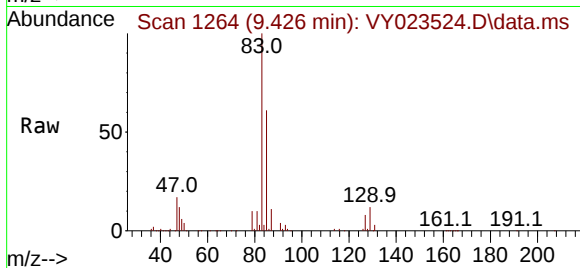




#47
Bromodichloromethane
Concen: 21.203 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

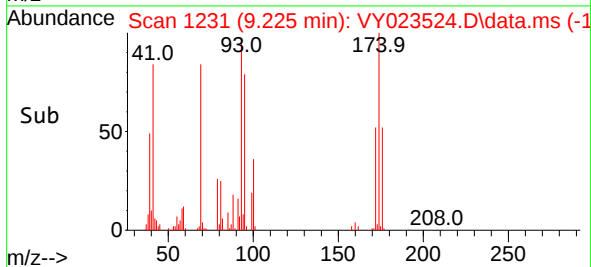
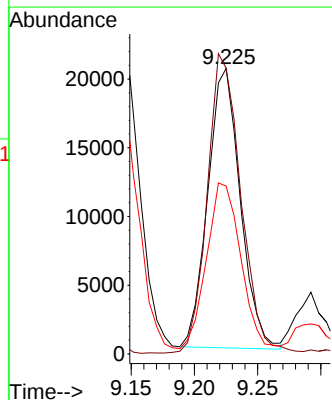
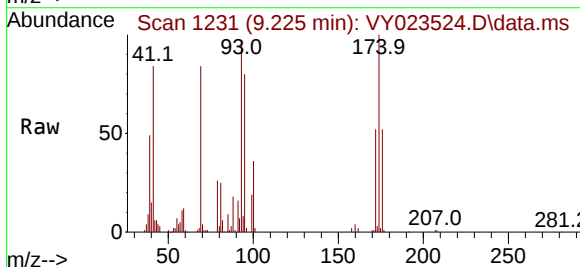
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBSD01

Tgt Ion: 83 Resp: 141737
Ion Ratio Lower Upper
83 100
85 60.8 50.8 76.2
127 8.5 7.4 11.2



#48
Methyl methacrylate
Concen: 16.333 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

Tgt Ion: 41 Resp: 36374
Ion Ratio Lower Upper
41 100
69 110.0 81.0 121.4
39 62.5 48.2 72.4

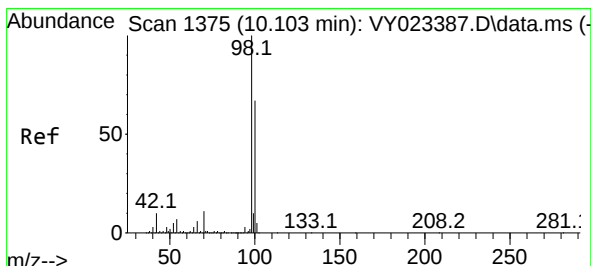
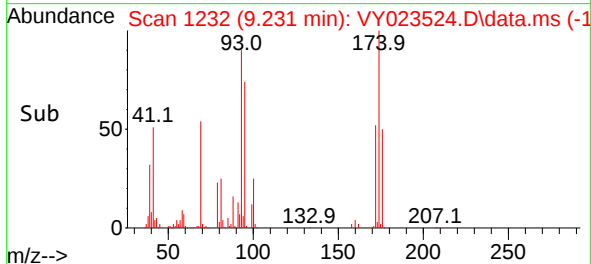
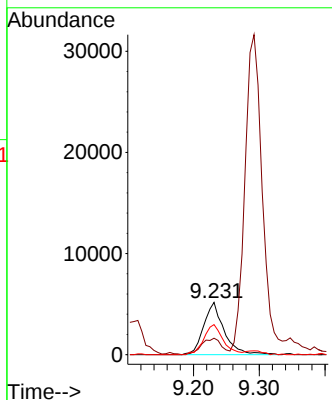
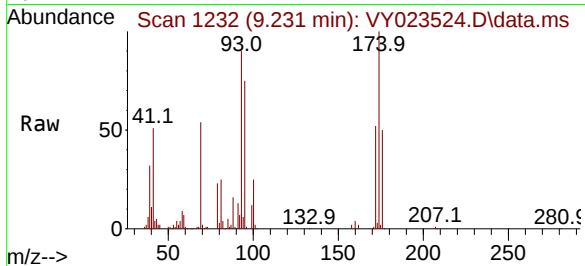




#49
1,4-Dioxane
Concen: 363.519 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

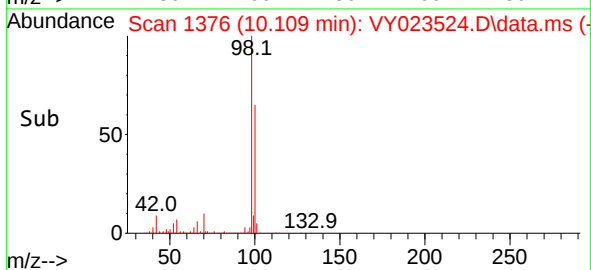
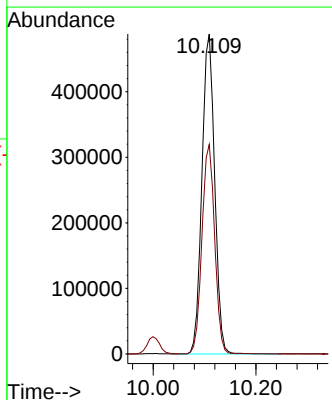
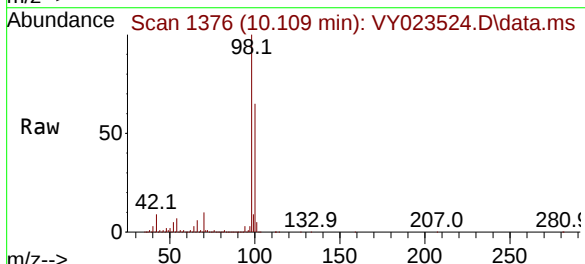
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBSD01

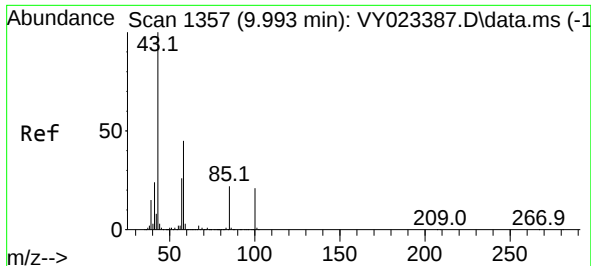
Tgt Ion: 88 Resp: 11187
Ion Ratio Lower Upper
88 100
43 31.3 21.8 32.8
58 54.5 46.8 70.2



#50
Toluene-d8
Concen: 49.731 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

Tgt Ion: 98 Resp: 839480
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4

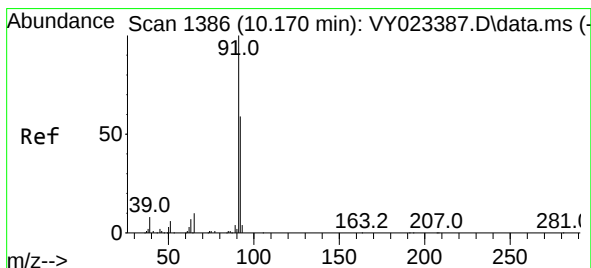
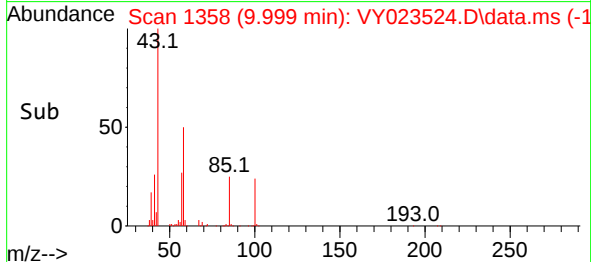
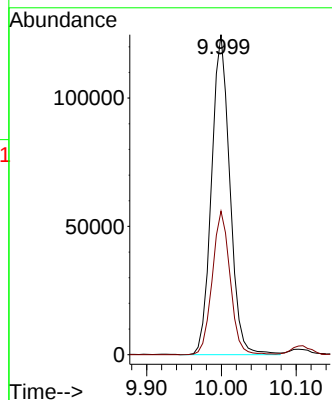
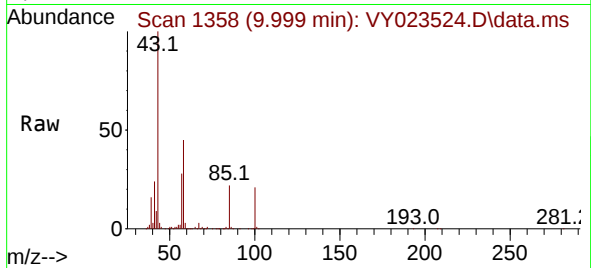




#51
4-Methyl-2-Pentanone
Concen: 86.764 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

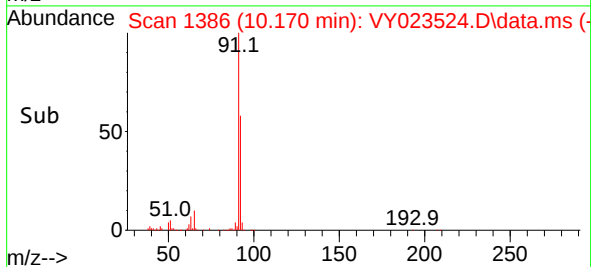
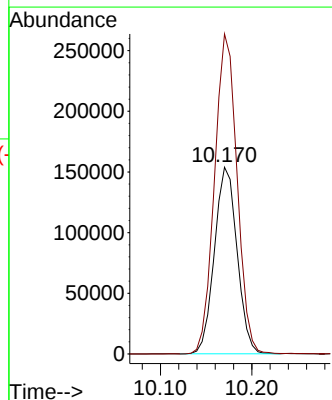
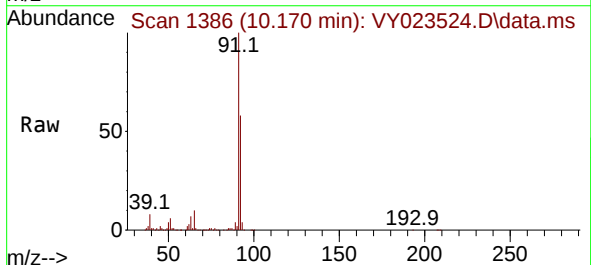
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBSD01

Tgt Ion: 43 Resp: 212509
Ion Ratio Lower Upper
43 100
58 43.7 35.3 52.9



#52
Toluene
Concen: 21.448 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

Tgt Ion: 92 Resp: 264651
Ion Ratio Lower Upper
92 100
91 171.3 136.4 204.6

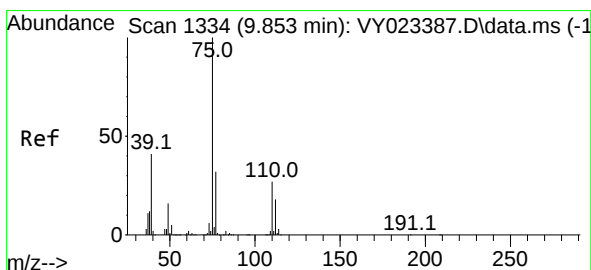
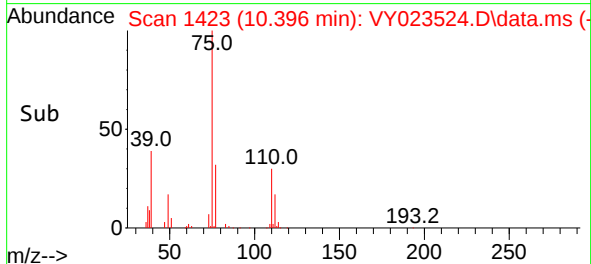
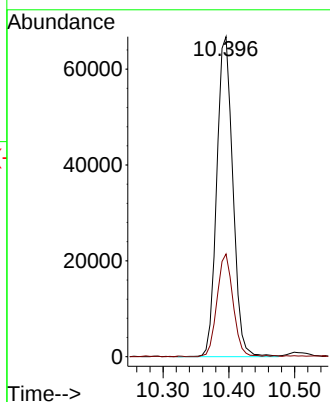
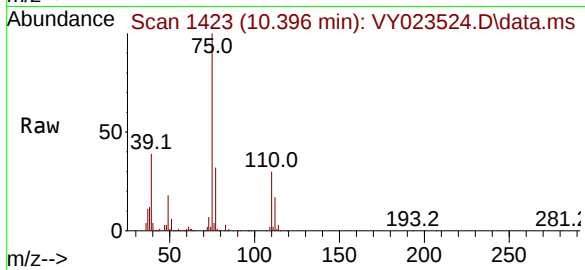




#53
 t-1,3-Dichloropropene
 Concen: 19.539 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY023524.D
 Acq: 21 Oct 2025 10:27

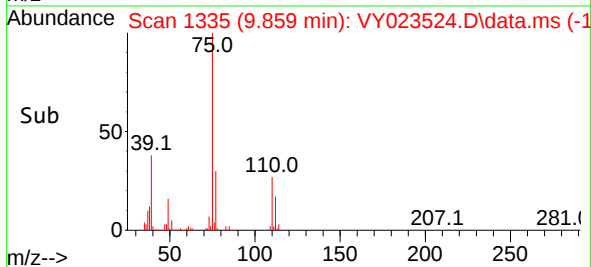
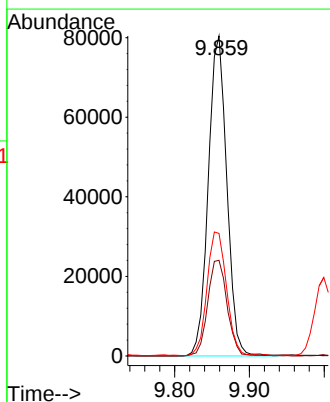
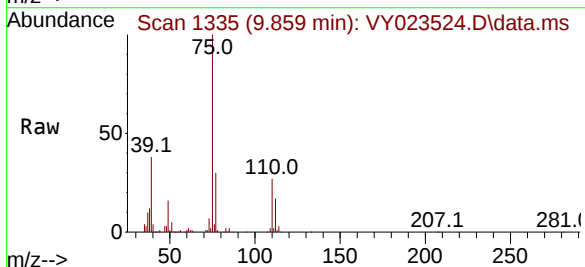
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1021SBSD01

Tgt Ion: 75 Resp: 113570
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.160 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023524.D
 Acq: 21 Oct 2025 10:27

Tgt Ion: 75 Resp: 138303
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.4 38.0
 39 38.1 32.8 49.2

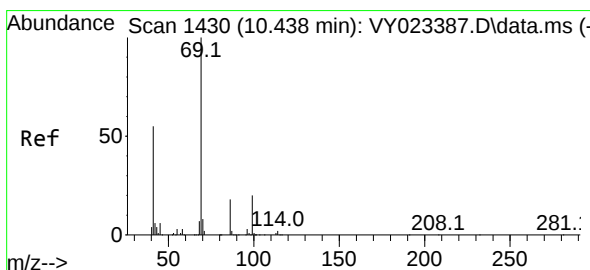
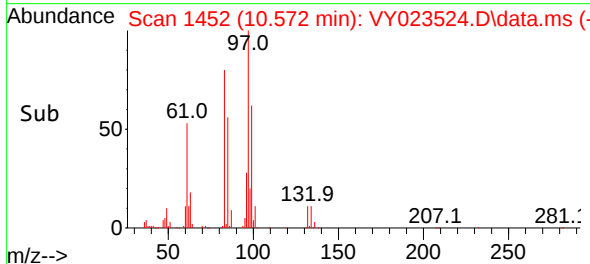
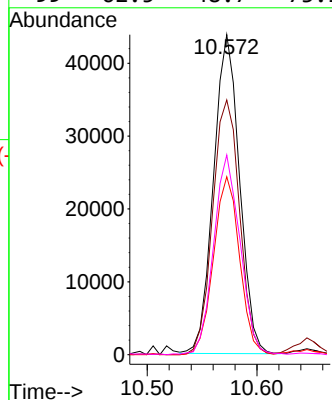
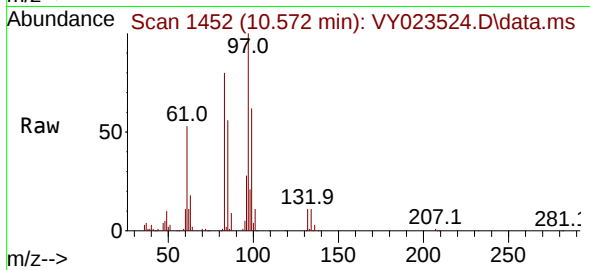




#55
1,1,2-Trichloroethane
Concen: 20.200 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

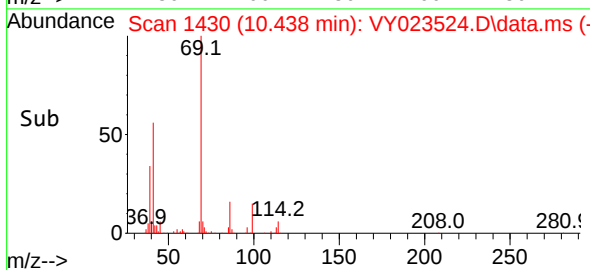
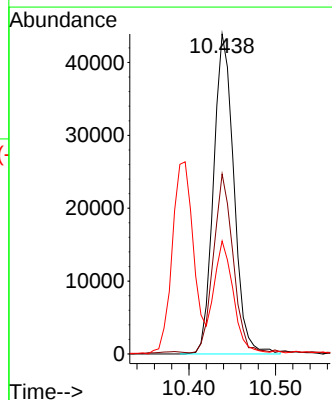
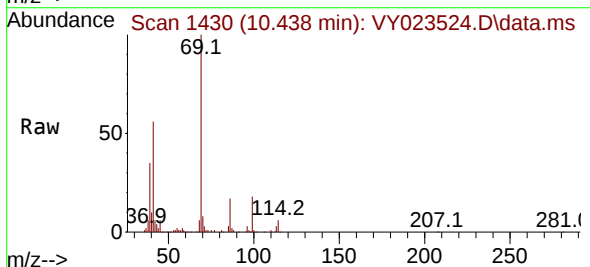
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBSD01

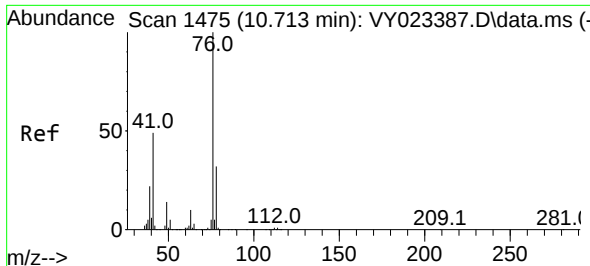
Tgt Ion: 97	Resp: 72099
Ion Ratio	Lower Upper
97 100	
83 79.9	61.8 92.6
85 55.8	41.3 61.9
99 62.5	48.7 73.1



#56
Ethyl methacrylate
Concen: 17.385 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

Tgt Ion: 69	Resp: 71577
Ion Ratio	Lower Upper
69 100	
41 53.9	44.6 67.0
39 32.1	27.0 40.4





#57

1,3-Dichloropropane

Concen: 20.466 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023524.D

Acq: 21 Oct 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

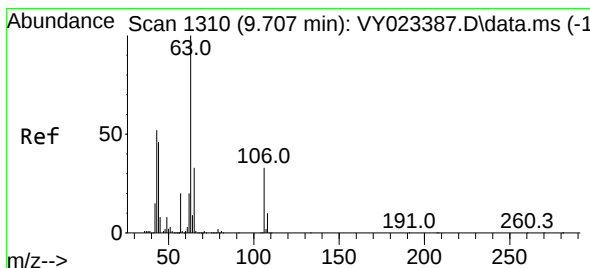
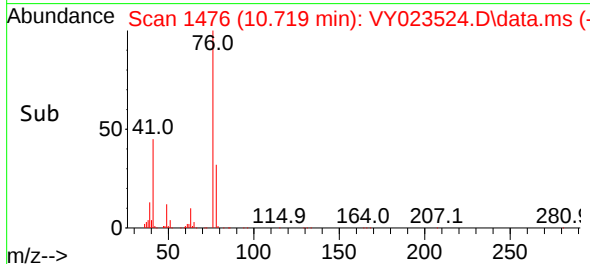
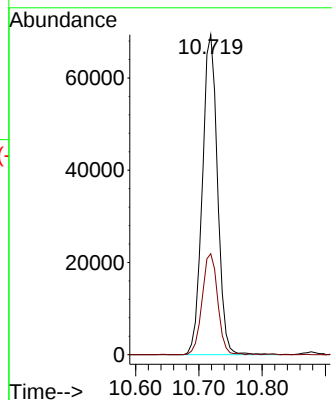
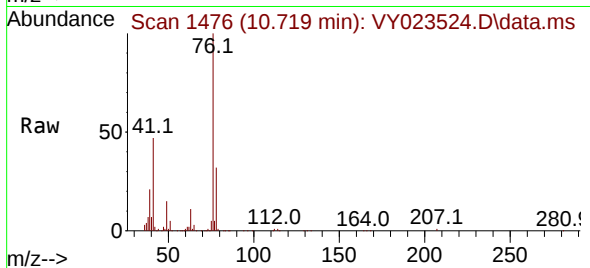
VY1021SBSD01

Tgt Ion: 76 Resp: 115753

Ion Ratio Lower Upper

76 100

78 32.3 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 85.637 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023524.D

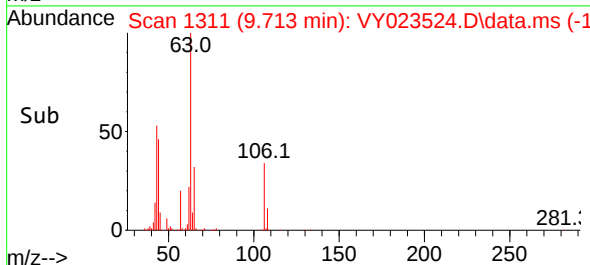
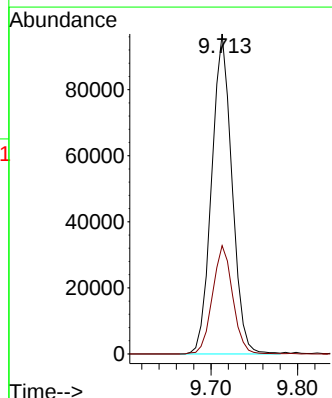
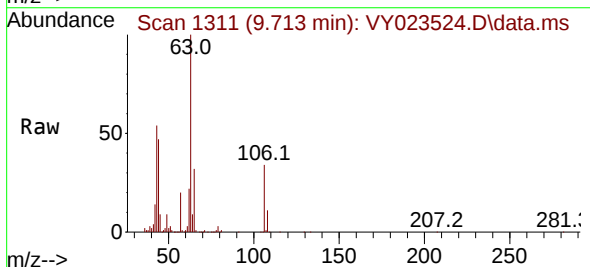
Acq: 21 Oct 2025 10:27

Tgt Ion: 63 Resp: 157950

Ion Ratio Lower Upper

63 100

106 33.7 26.6 39.8

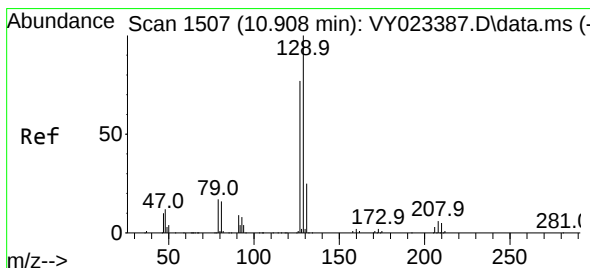
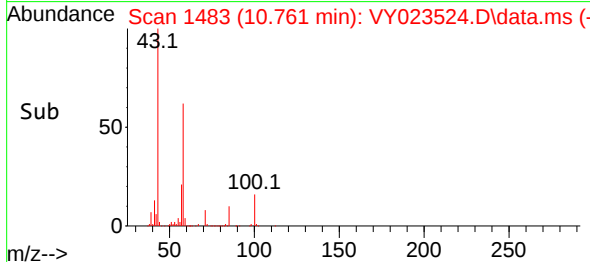
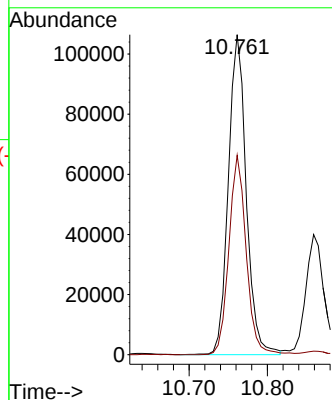
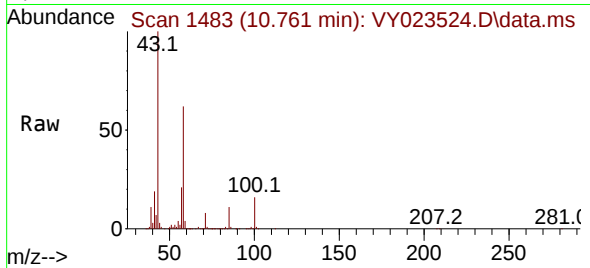




#59
2-Hexanone
Concen: 96.468 ug/l
RT: 10.761 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

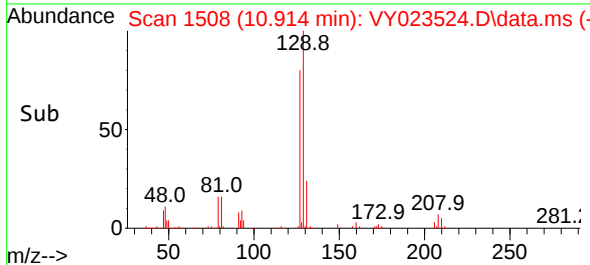
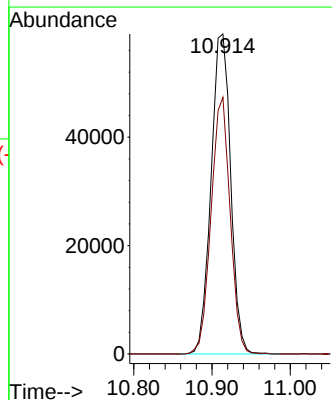
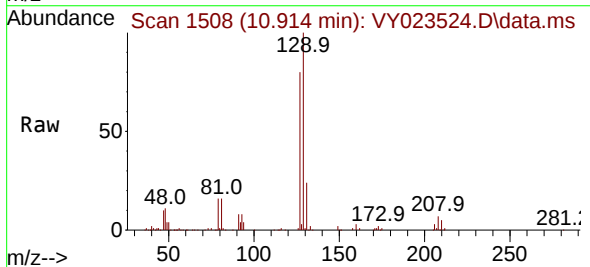
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBSD01

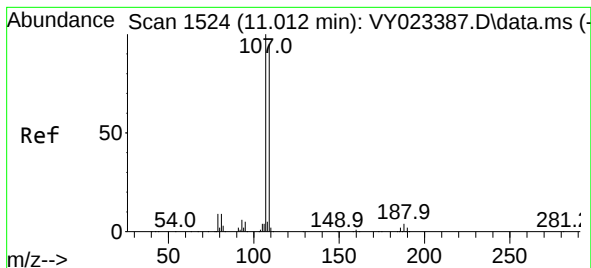
Tgt Ion: 43 Resp: 168854
Ion Ratio Lower Upper
43 100
58 60.5 30.5 91.5



#60
Dibromochloromethane
Concen: 20.546 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

Tgt Ion: 129 Resp: 102818
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.7

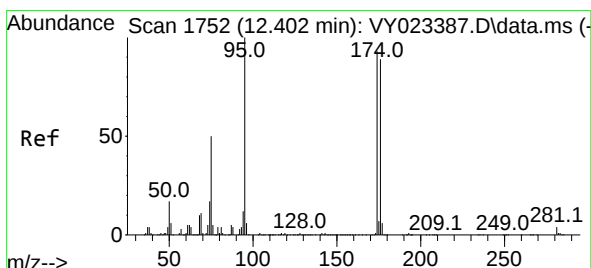
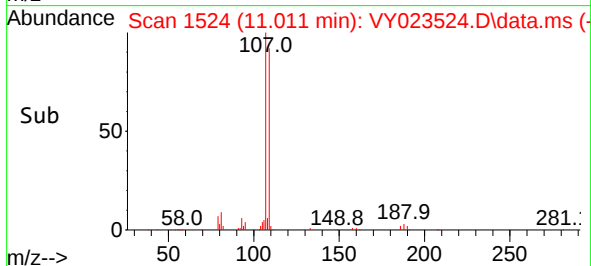
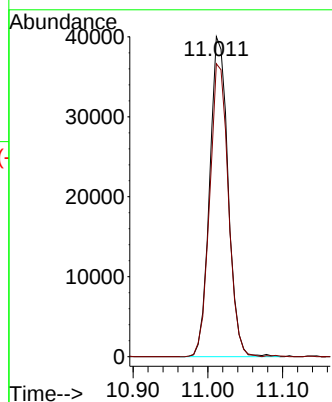
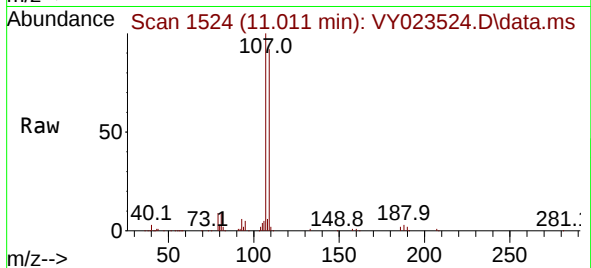




#61
1,2-Dibromoethane
Concen: 20.170 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

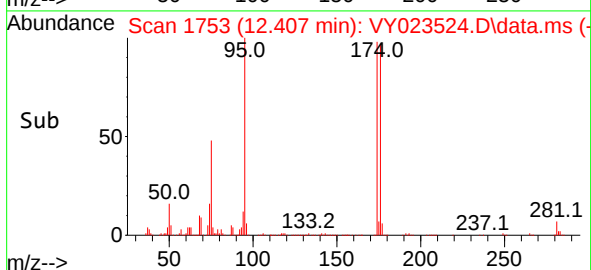
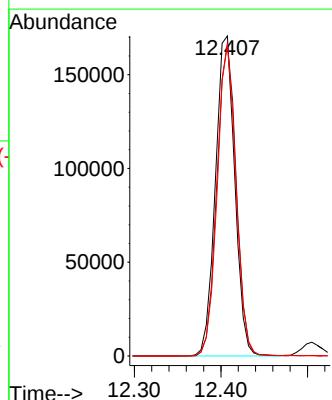
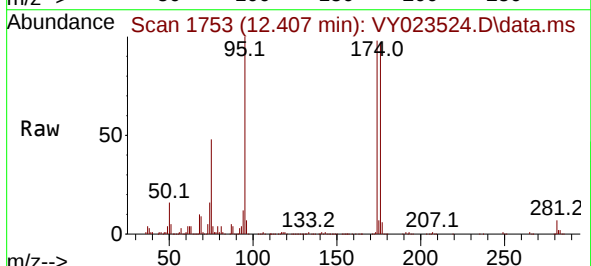
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBSD01

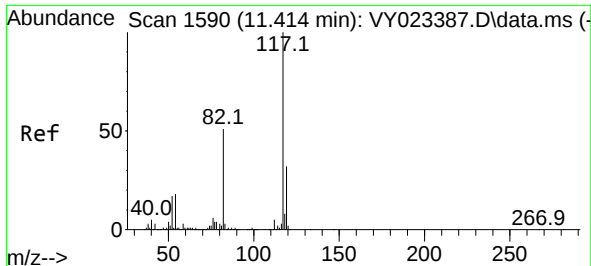
Tgt Ion:107 Resp: 68658
Ion Ratio Lower Upper
107 100
109 92.7 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 47.653 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

Tgt Ion: 95 Resp: 265572
Ion Ratio Lower Upper
95 100
174 96.9 0.0 192.8
176 94.0 0.0 187.6

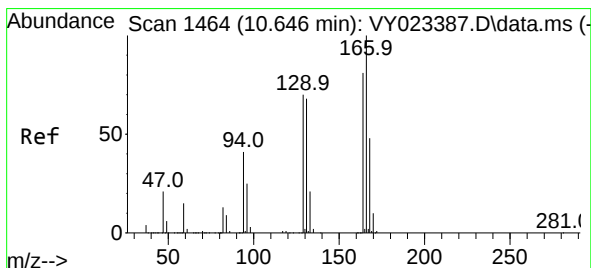
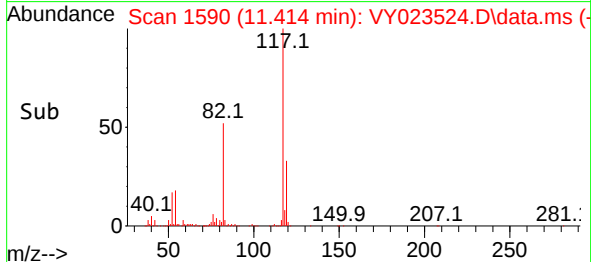
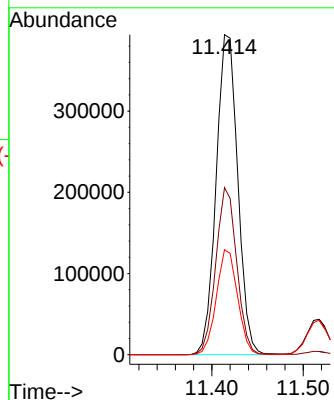
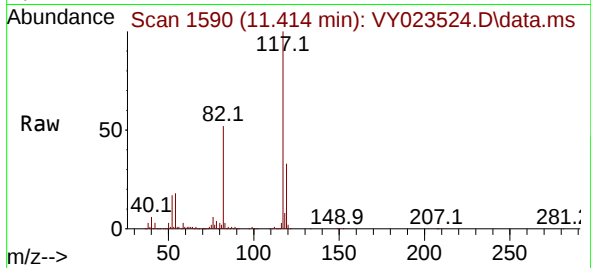




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

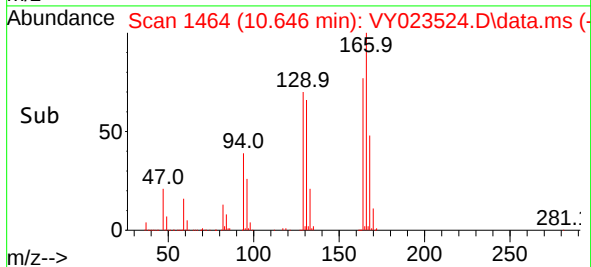
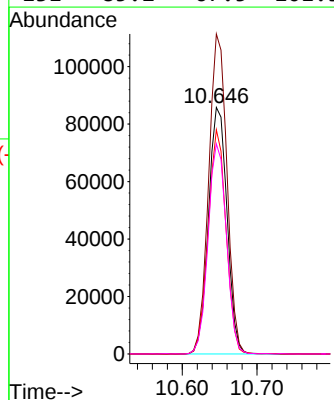
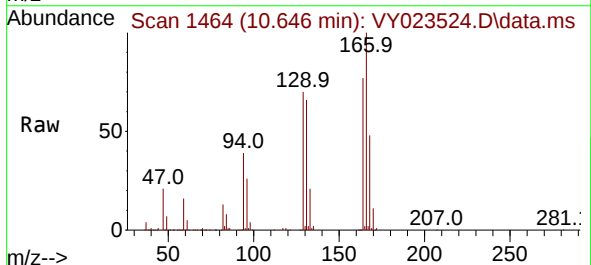
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBSD01

Tgt Ion:117 Resp: 649036
Ion Ratio Lower Upper
117 100
82 52.2 41.0 61.4
119 32.8 25.6 38.4



#64
Tetrachloroethene
Concen: 22.130 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

Tgt Ion:164 Resp: 148305
Ion Ratio Lower Upper
164 100
166 129.8 99.4 149.0
129 90.9 69.4 104.2
131 85.2 67.5 101.3





#65

Chlorobenzene

Concen: 21.174 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023524.D

Acq: 21 Oct 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

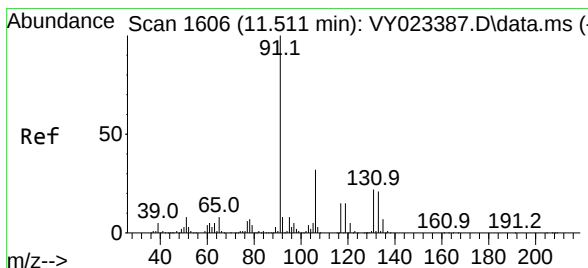
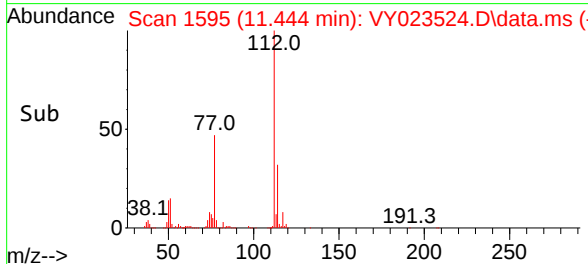
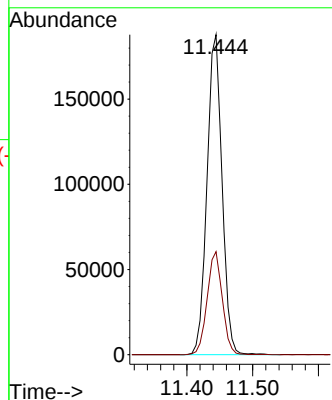
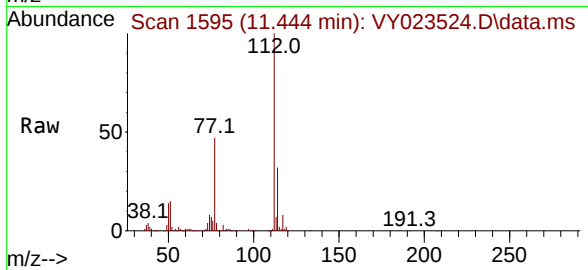
VY1021SBSD01

Tgt Ion:112 Resp: 298892

Ion Ratio Lower Upper

112 100

114 32.2 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.891 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023524.D

Acq: 21 Oct 2025 10:27

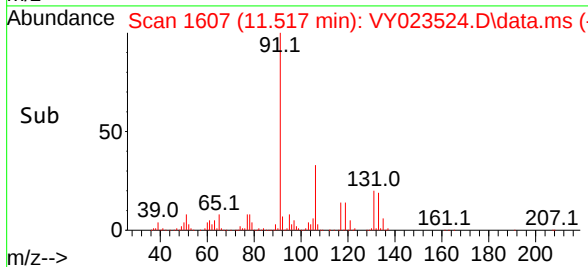
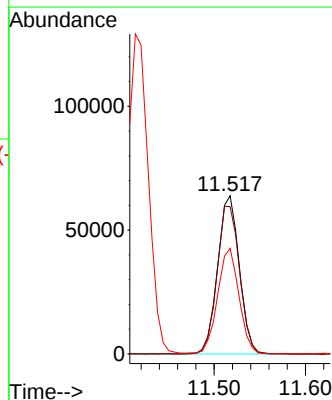
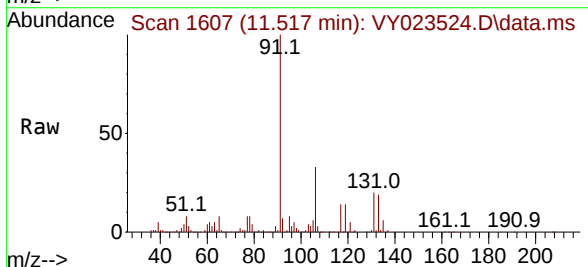
Tgt Ion:131 Resp: 105088

Ion Ratio Lower Upper

131 100

133 97.4 48.4 145.2

119 65.9 32.4 97.2





#67

Ethyl Benzene

Concen: 20.791 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023524.D

Acq: 21 Oct 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

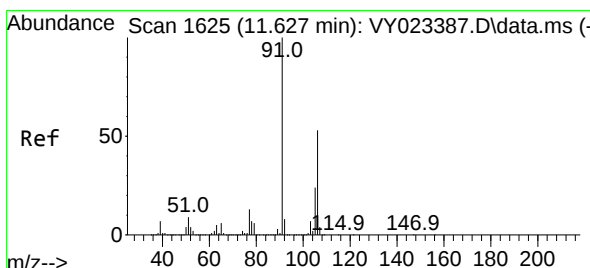
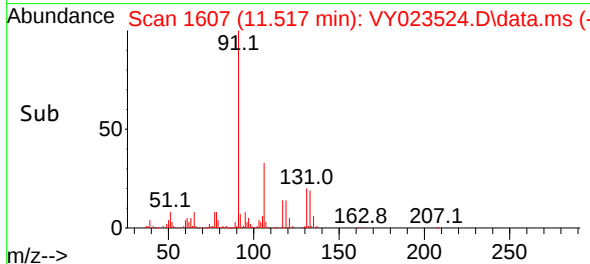
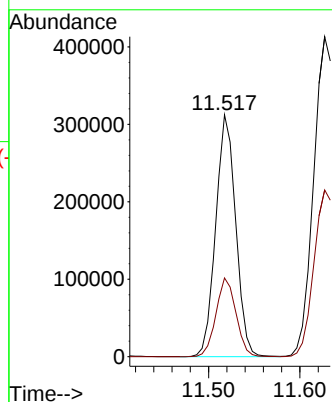
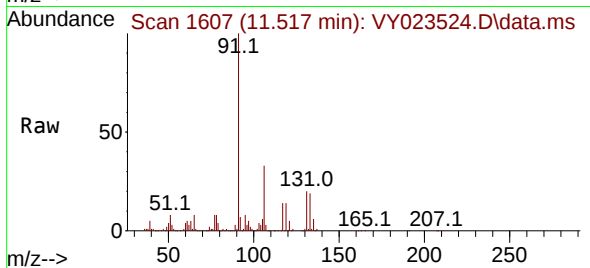
VY1021SBSD01

Tgt Ion: 91 Resp: 475071

Ion Ratio Lower Upper

91 100

106 32.5 25.8 38.8



#68

m/p-Xylenes

Concen: 42.703 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023524.D

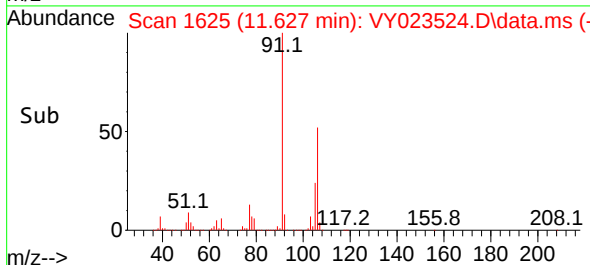
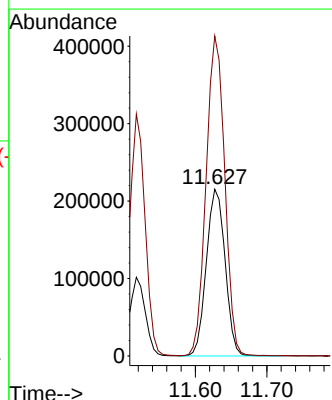
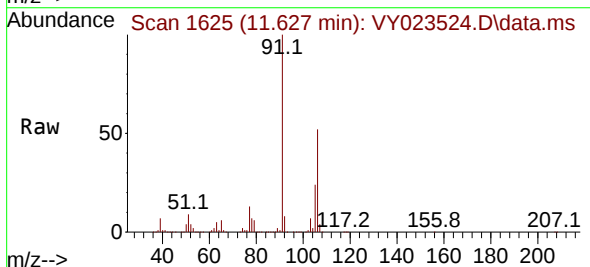
Acq: 21 Oct 2025 10:27

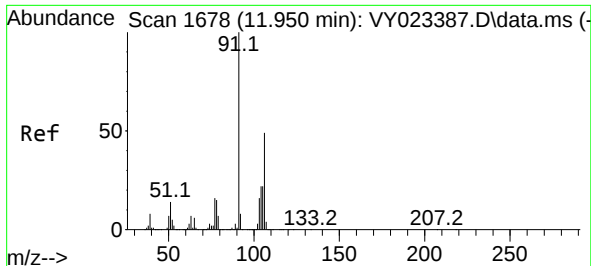
Tgt Ion:106 Resp: 391375

Ion Ratio Lower Upper

106 100

91 191.2 152.6 229.0

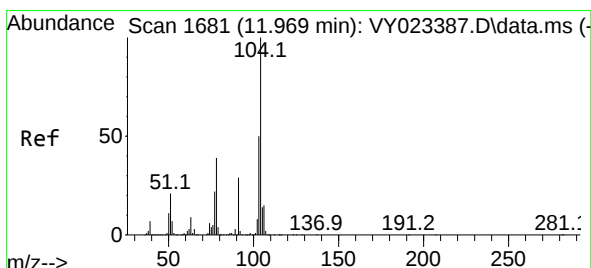
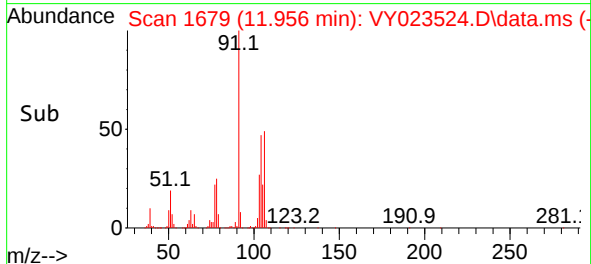
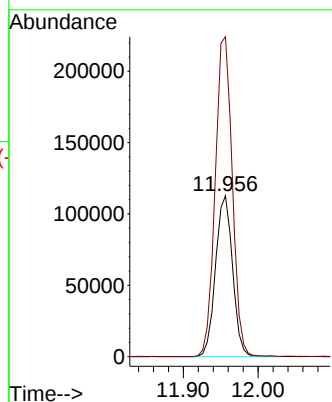
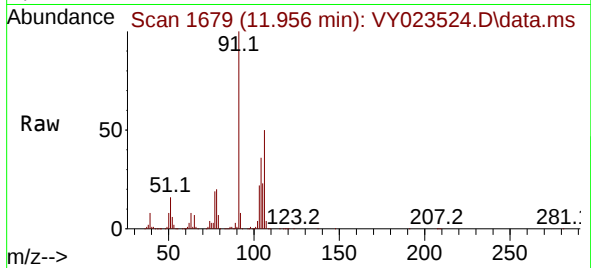




#69
o-Xylene
Concen: 20.748 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

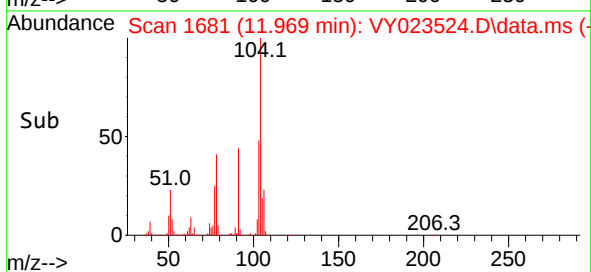
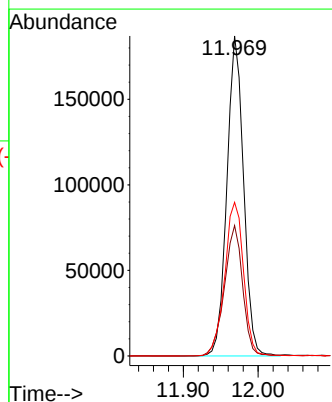
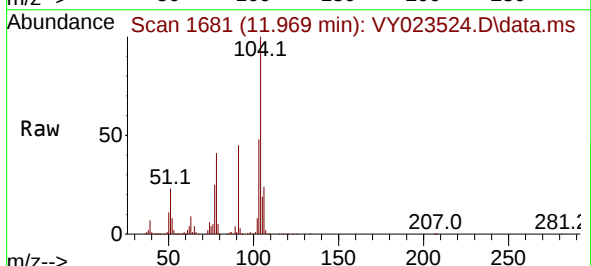
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBS01

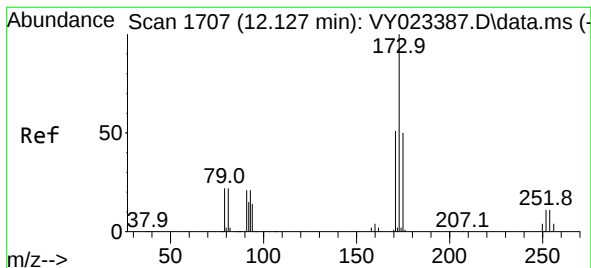
Tgt Ion:106 Resp: 178360
Ion Ratio Lower Upper
106 100
91 199.7 101.4 304.1



#70
Styrene
Concen: 20.548 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

Tgt Ion:104 Resp: 290473
Ion Ratio Lower Upper
104 100
78 44.7 36.1 54.1
103 54.4 43.2 64.8





#71

Bromoform

Concen: 19.593 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023524.D

Acq: 21 Oct 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1021SBSD01

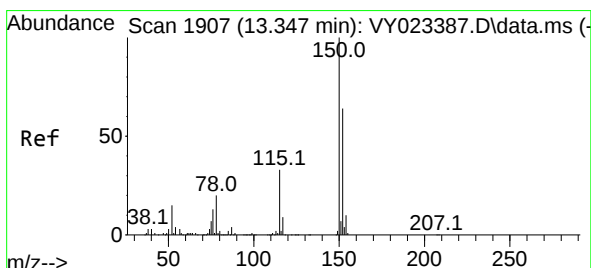
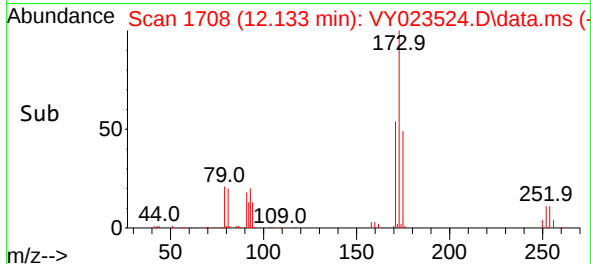
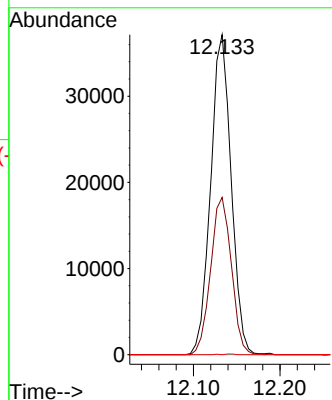
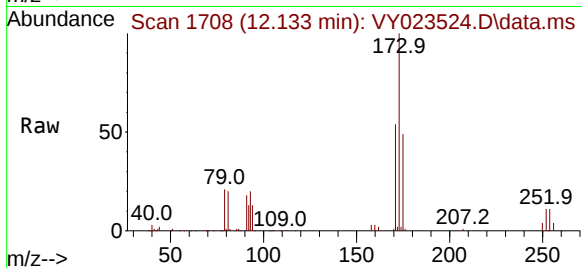
Tgt Ion:173 Resp: 61136

Ion Ratio Lower Upper

173 100

175 49.7 24.8 74.3

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023524.D

Acq: 21 Oct 2025 10:27

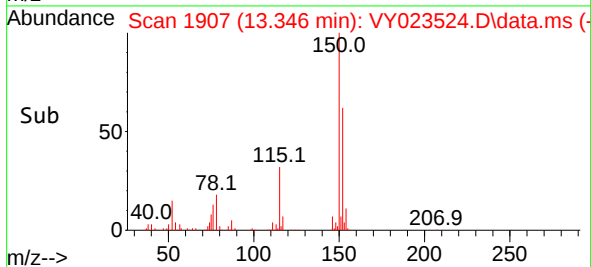
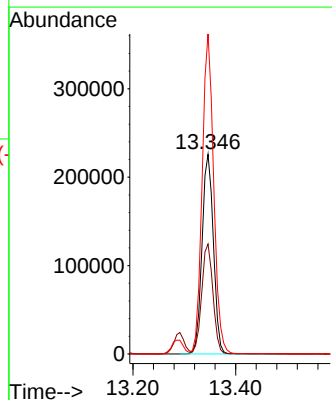
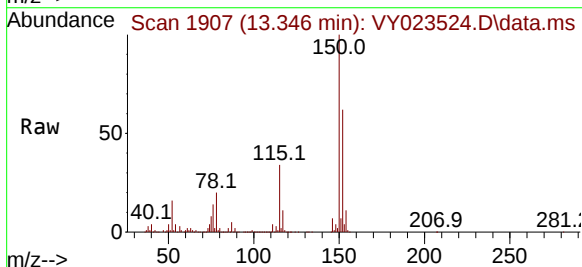
Tgt Ion:152 Resp: 345630

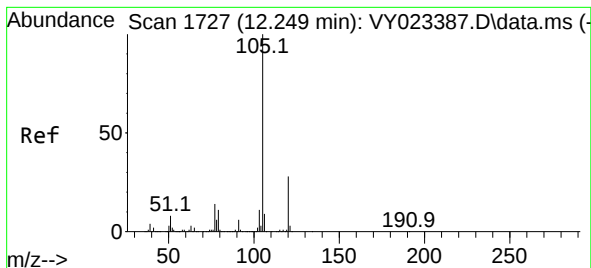
Ion Ratio Lower Upper

152 100

115 54.5 27.1 81.2

150 162.6 0.0 347.4





#73

Isopropylbenzene

Concen: 20.329 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023524.D

Acq: 21 Oct 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

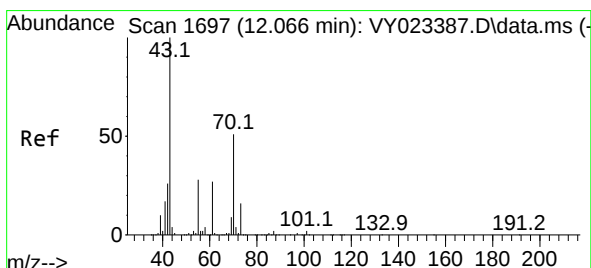
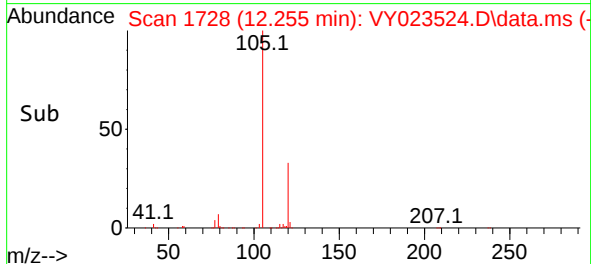
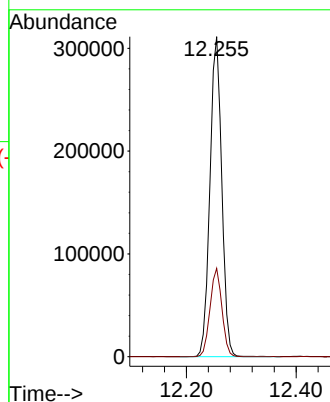
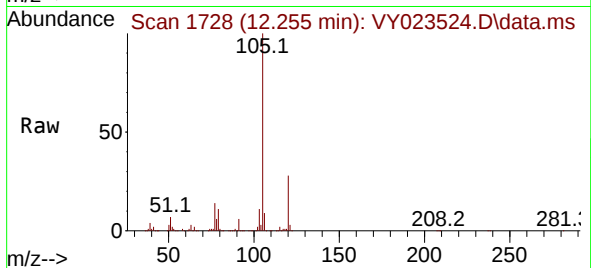
VY1021SBSD01

Tgt Ion:105 Resp: 463044

Ion Ratio Lower Upper

105 100

120 27.8 13.9 41.7



#74

N-ethyl acetate

Concen: 16.670 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023524.D

Acq: 21 Oct 2025 10:27

Tgt Ion: 43 Resp: 68201

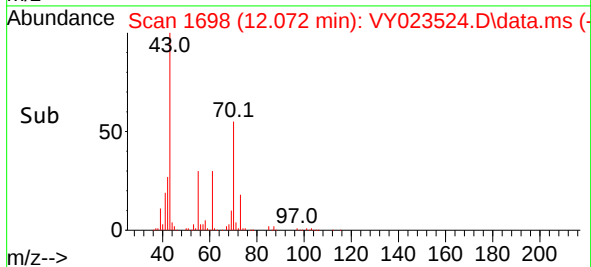
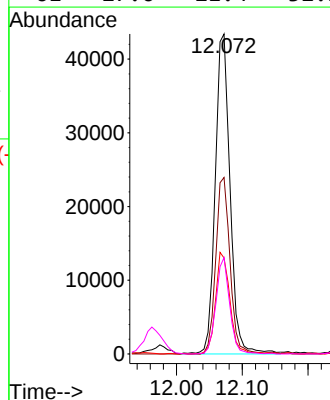
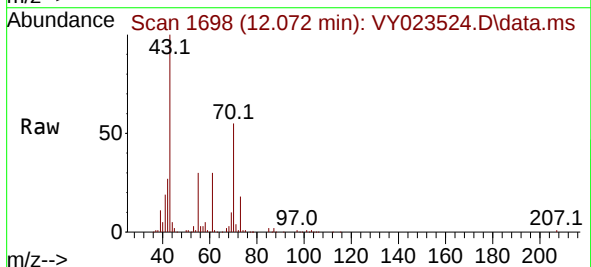
Ion Ratio Lower Upper

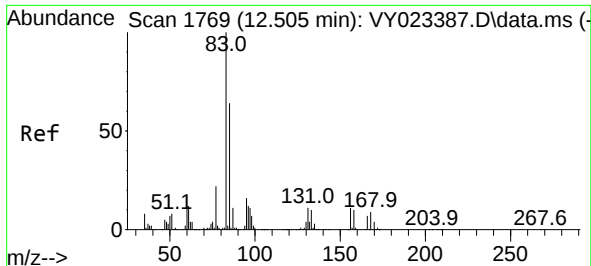
43 100

70 53.0 41.1 61.7

55 31.0 23.0 34.6

61 27.6 21.4 32.2

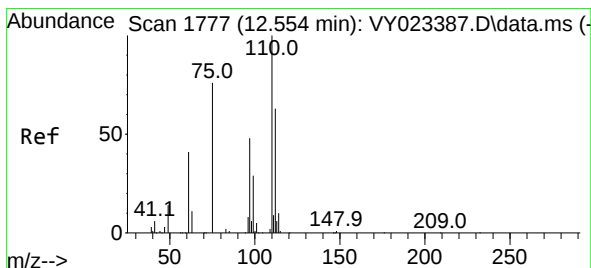
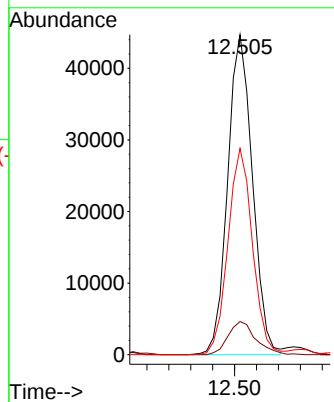
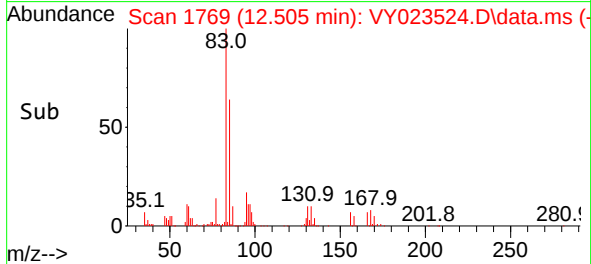
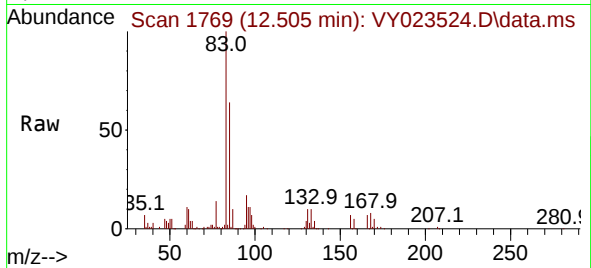




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.847 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY023524.D
 Acq: 21 Oct 2025 10:27

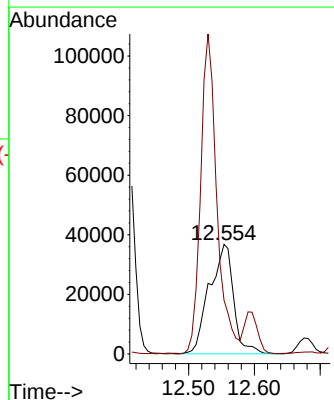
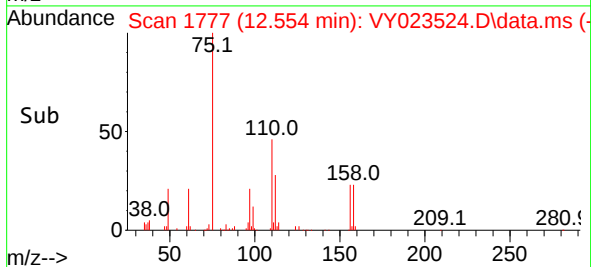
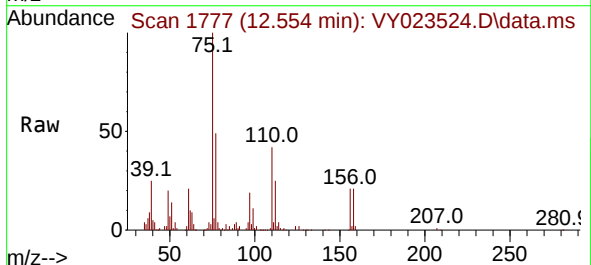
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1021SBSD01

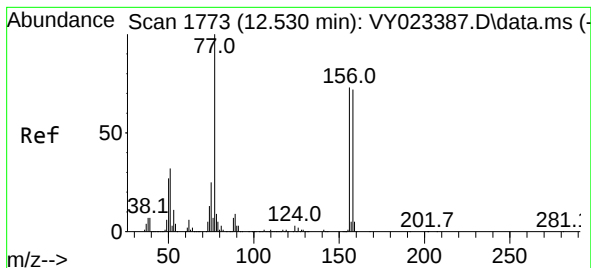
Tgt Ion: 83 Resp: 70214
 Ion Ratio Lower Upper
 83 100
 131 11.5 5.9 17.6
 85 63.9 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 30.713 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY023524.D
 Acq: 21 Oct 2025 10:27

Tgt Ion: 75 Resp: 93657
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.368 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023524.D

Acq: 21 Oct 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1021SBSD01

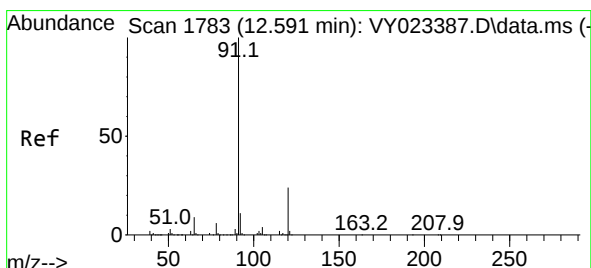
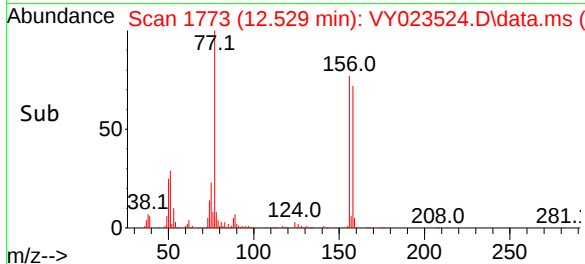
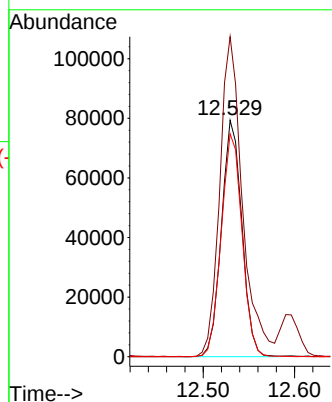
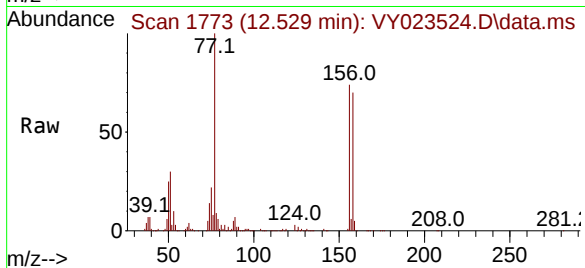
Tgt Ion:156 Resp: 123338

Ion Ratio Lower Upper

156 100

77 150.4 76.8 230.5

158 96.0 49.0 147.2



#78

n-propylbenzene

Concen: 20.843 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023524.D

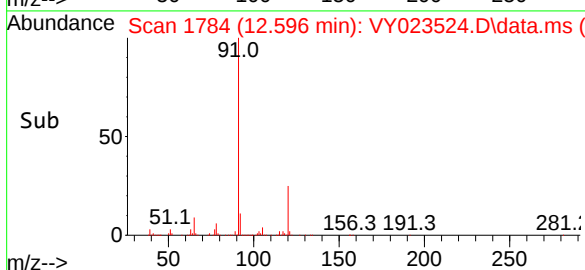
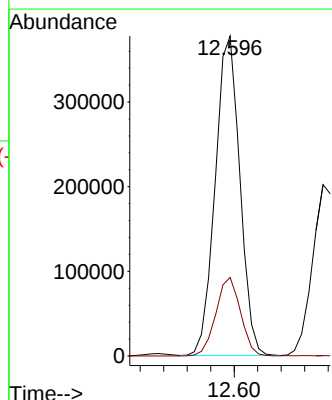
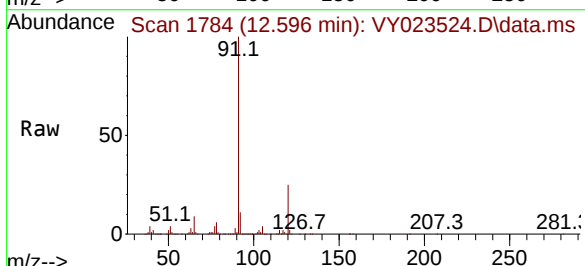
Acq: 21 Oct 2025 10:27

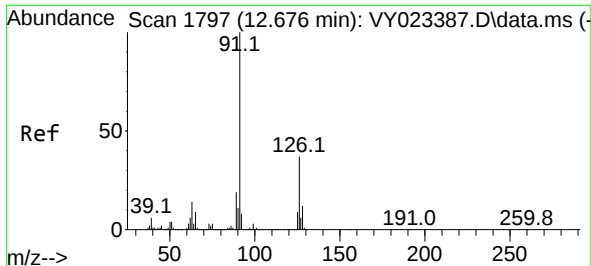
Tgt Ion: 91 Resp: 549380

Ion Ratio Lower Upper

91 100

120 24.6 12.3 36.8

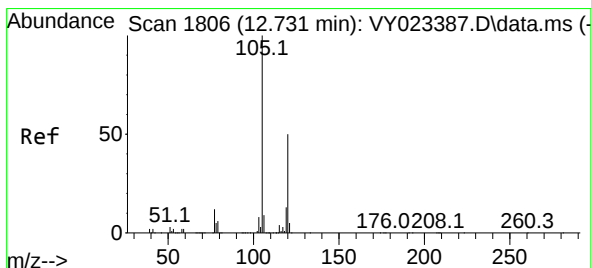
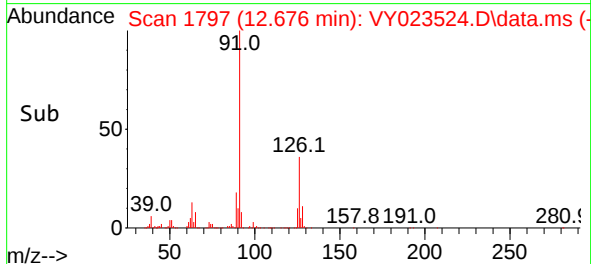
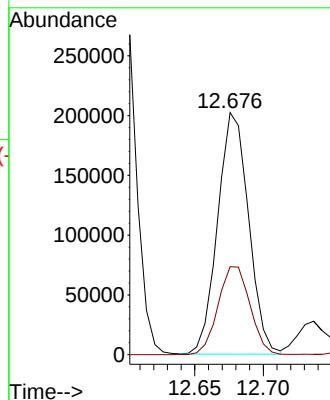
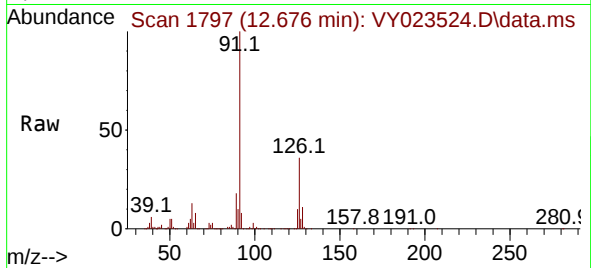




#79
2-Chlorotoluene
Concen: 20.597 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

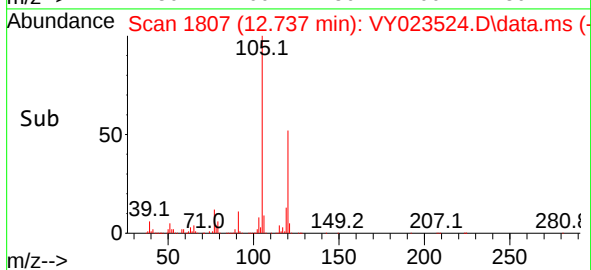
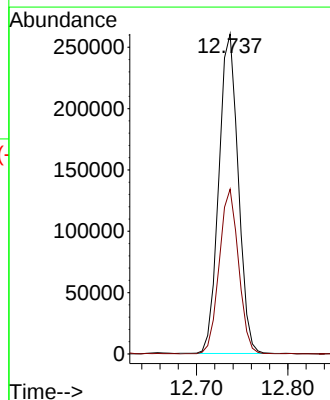
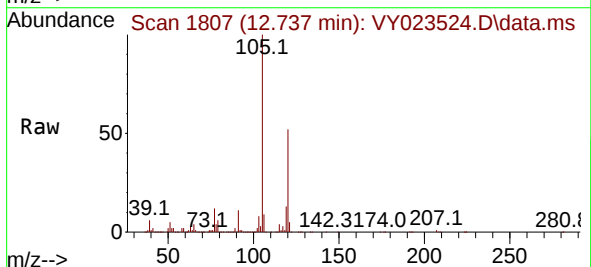
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBSD01

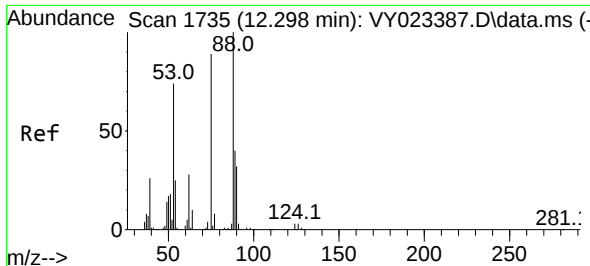
Tgt Ion: 91 Resp: 317913
Ion Ratio Lower Upper
91 100
126 37.6 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 20.858 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

Tgt Ion: 105 Resp: 383903
Ion Ratio Lower Upper
105 100
120 51.1 25.4 76.4

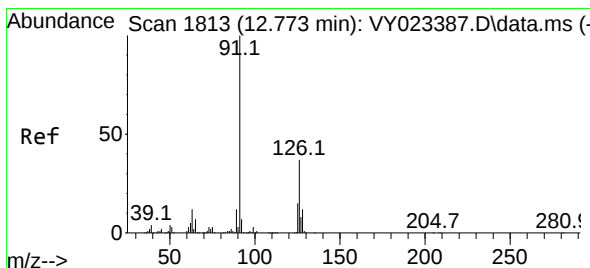
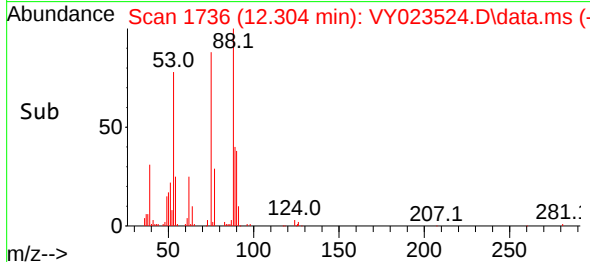
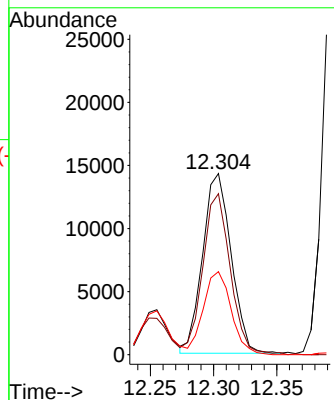
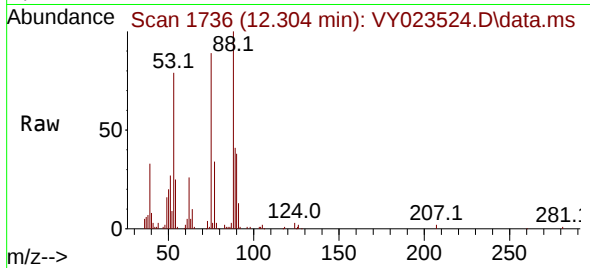




#81
trans-1,4-Dichloro-2-butene
Concen: 17.942 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

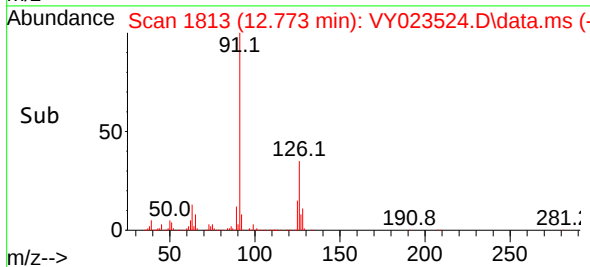
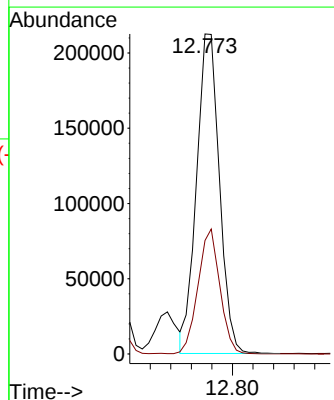
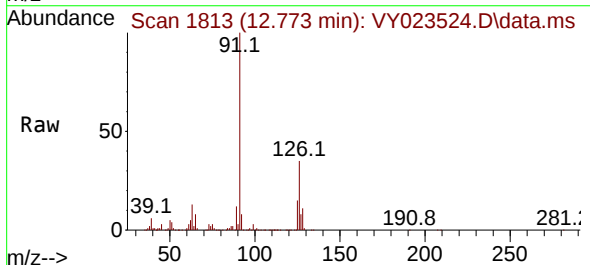
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBSD01

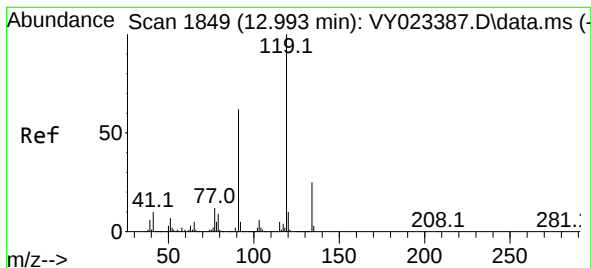
Tgt Ion: 75 Resp: 22311
Ion Ratio Lower Upper
75 100
53 87.0 68.6 102.8
89 45.1 39.0 58.4



#82
4-Chlorotoluene
Concen: 20.719 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

Tgt Ion: 91 Resp: 329355
Ion Ratio Lower Upper
91 100
126 37.4 18.4 55.4





#83

tert-Butylbenzene

Concen: 20.485 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023524.D

Acq: 21 Oct 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1021SBSD01

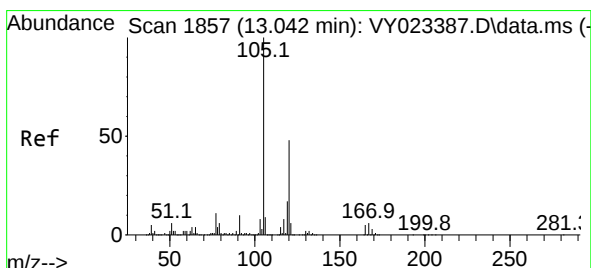
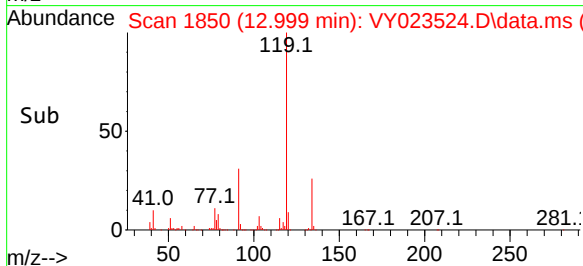
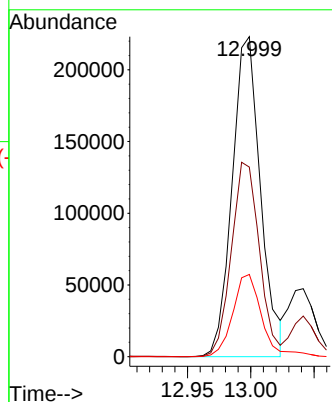
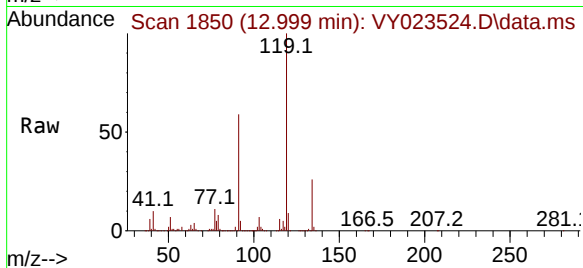
Tgt Ion:119 Resp: 348123

Ion Ratio Lower Upper

119 100

91 60.2 29.9 89.8

134 26.3 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 20.789 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY023524.D

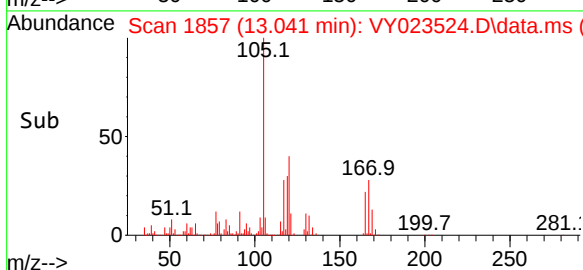
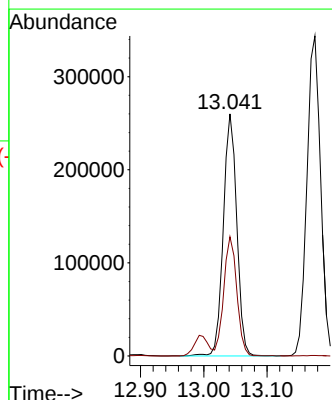
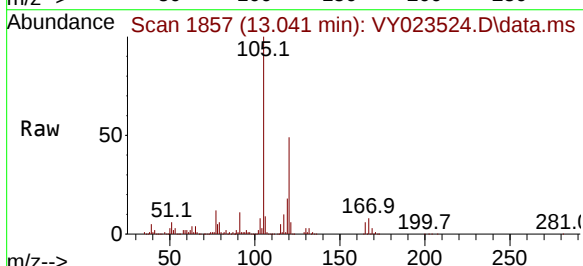
Acq: 21 Oct 2025 10:27

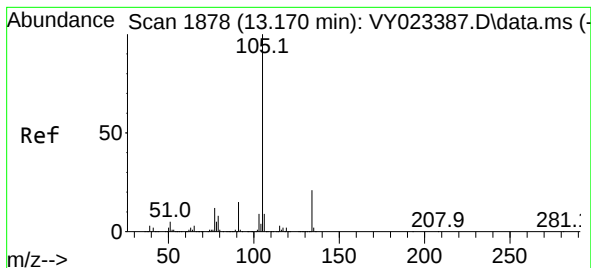
Tgt Ion:105 Resp: 381863

Ion Ratio Lower Upper

105 100

120 47.7 23.8 71.2





#85

sec-Butylbenzene

Concen: 21.075 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023524.D

Acq: 21 Oct 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

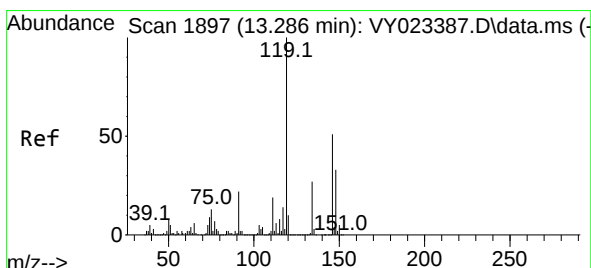
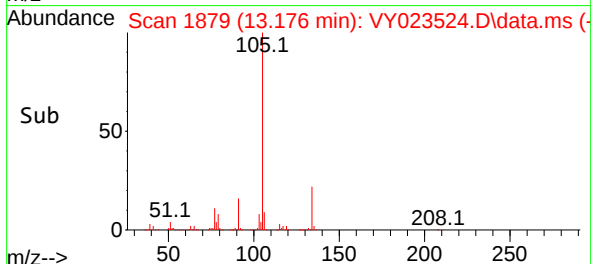
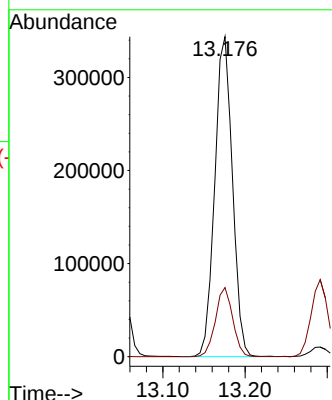
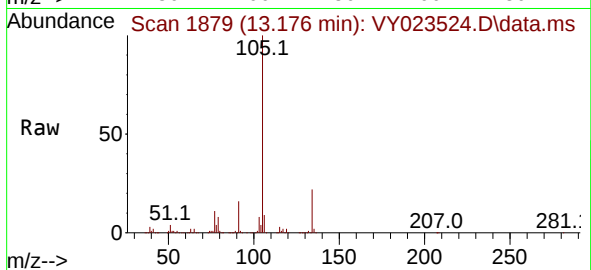
VY1021SBSD01

Tgt Ion:105 Resp: 513781

Ion Ratio Lower Upper

105 100

134 21.1 10.7 32.1



#86

p-Isopropyltoluene

Concen: 20.935 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023524.D

Acq: 21 Oct 2025 10:27

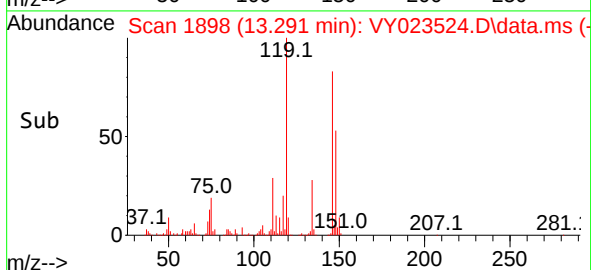
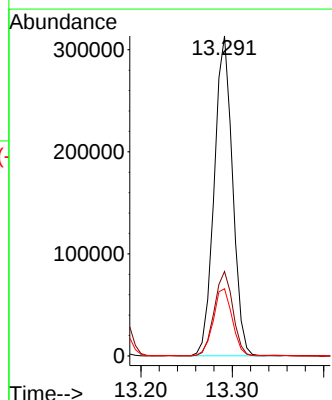
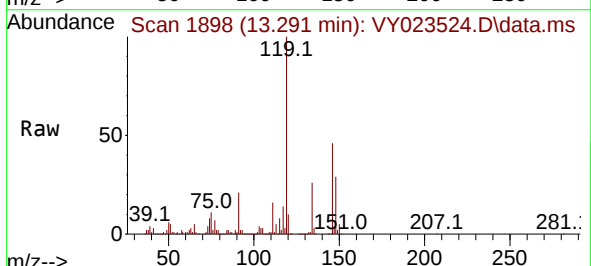
Tgt Ion:119 Resp: 434529

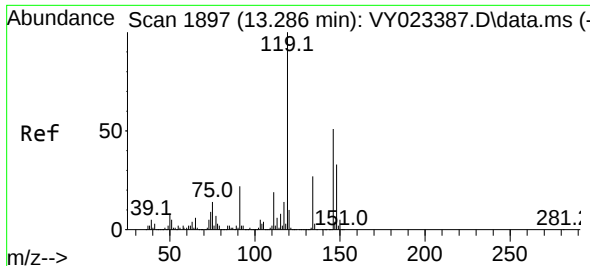
Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.7

91 21.7 10.9 32.9

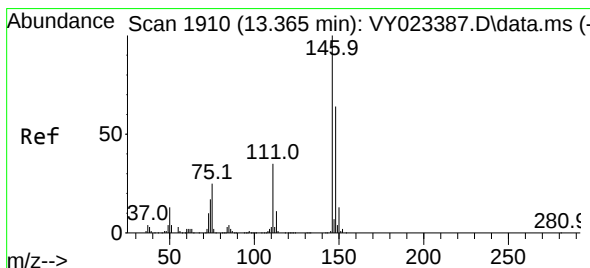
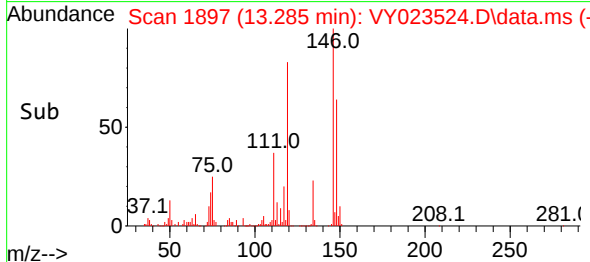
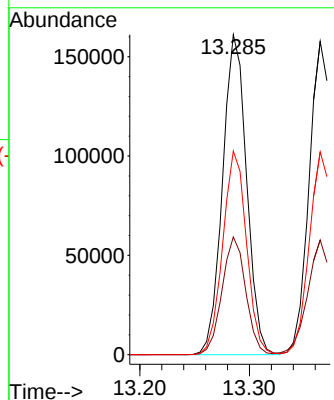
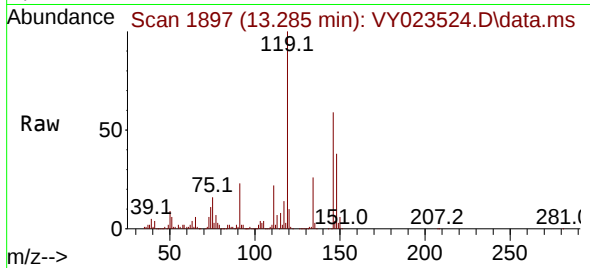




#87
1,3-Dichlorobenzene
Concen: 20.832 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

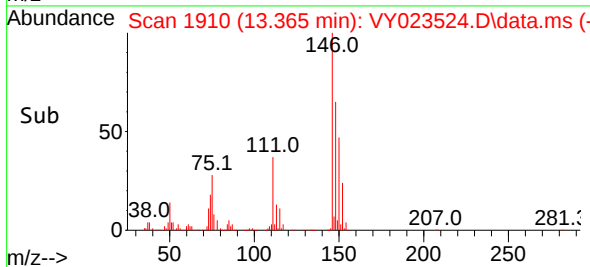
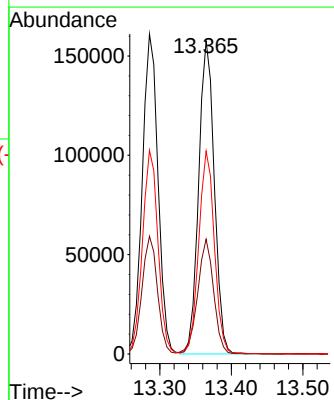
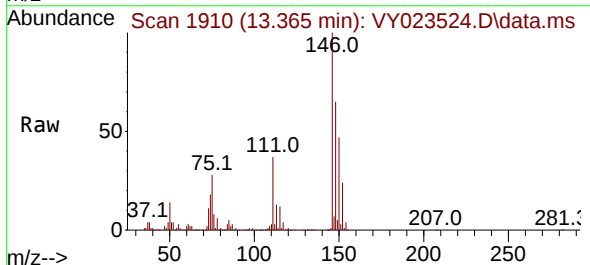
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBSD01

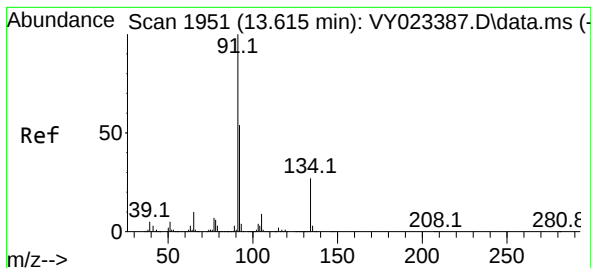
Tgt Ion:146 Resp: 245648
Ion Ratio Lower Upper
146 100
111 36.0 18.7 56.1
148 63.0 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 20.569 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023524.D
Acq: 21 Oct 2025 10:27

Tgt Ion:146 Resp: 239545
Ion Ratio Lower Upper
146 100
111 37.2 18.0 54.0
148 64.6 31.9 95.7





#89

n-Butylbenzene

Concen: 20.257 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY023524.D

Acq: 21 Oct 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1021SBSD01

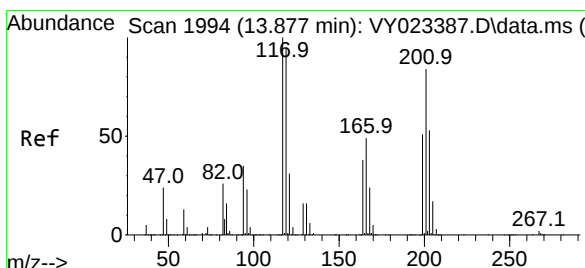
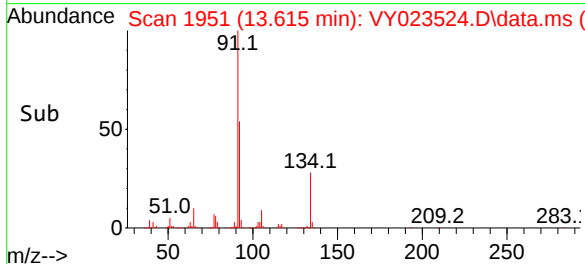
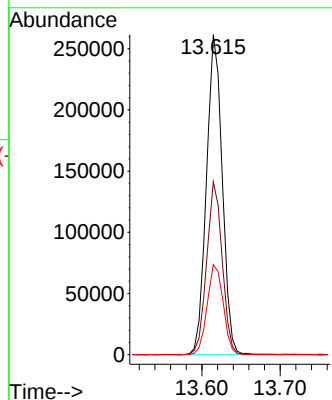
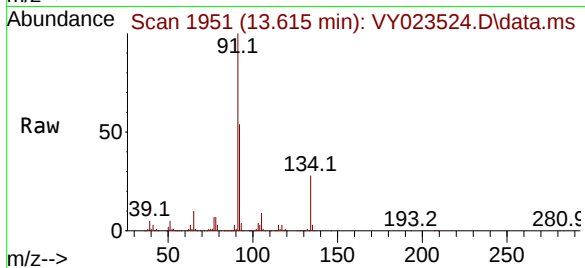
Tgt Ion: 91 Resp: 366353

Ion Ratio Lower Upper

91 100

92 53.0 27.0 80.8

134 28.5 14.1 42.2



#90

Hexachloroethane

Concen: 20.778 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY023524.D

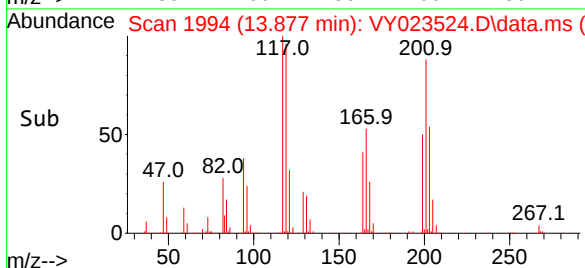
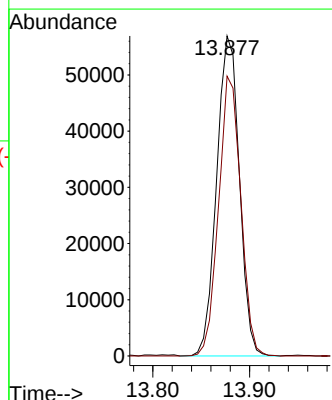
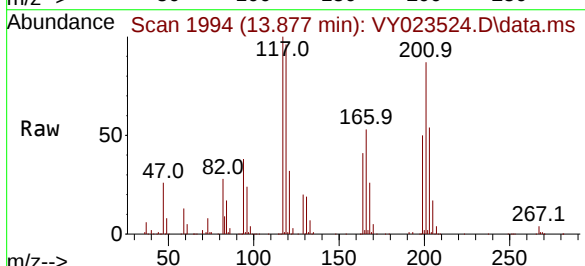
Acq: 21 Oct 2025 10:27

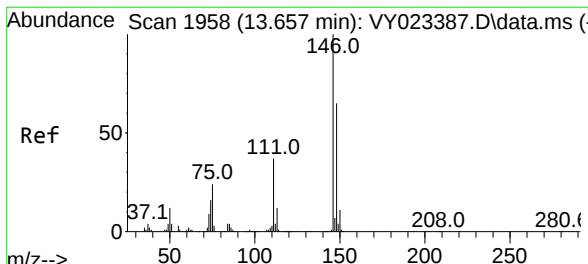
Tgt Ion: 117 Resp: 92759

Ion Ratio Lower Upper

117 100

201 85.4 43.8 131.4

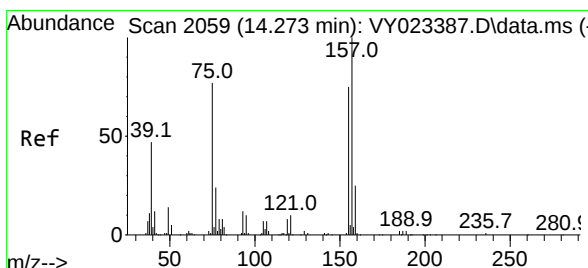
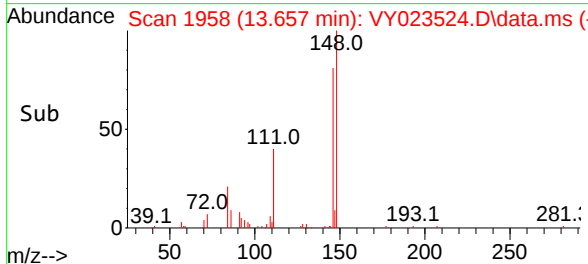
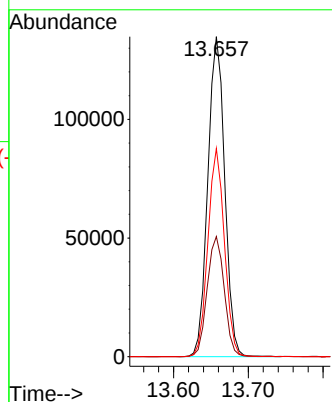
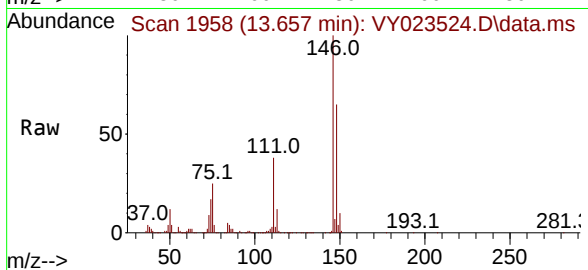




#91
 1,2-Dichlorobenzene
 Concen: 20.535 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY023524.D
 Acq: 21 Oct 2025 10:27

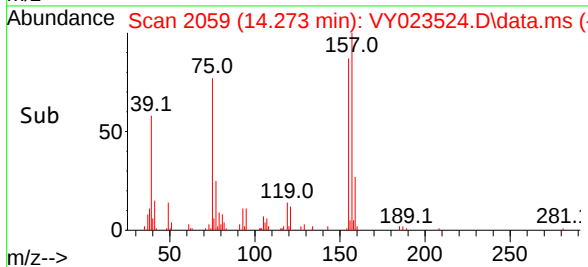
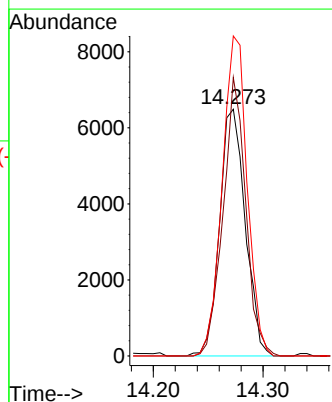
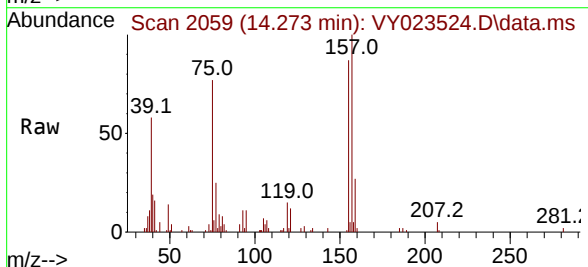
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1021SBSD01

Tgt Ion:	146	Resp:	212289
Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.0	57.0
148	63.6	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.282 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023524.D
 Acq: 21 Oct 2025 10:27

Tgt Ion:	75	Resp:	10564
Ion	Ratio	Lower	Upper
75	100		
155	99.7	50.0	150.0
157	126.4	63.8	191.5





#93

1,2,4-Trichlorobenzene

Concen: 19.140 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023524.D

Acq: 21 Oct 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1021SBSD01

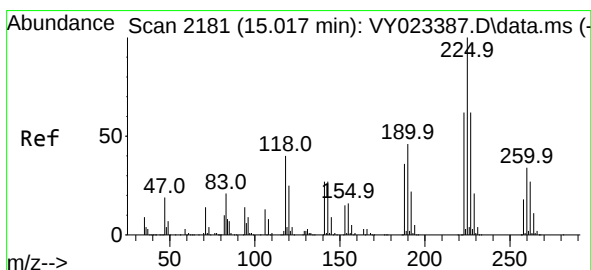
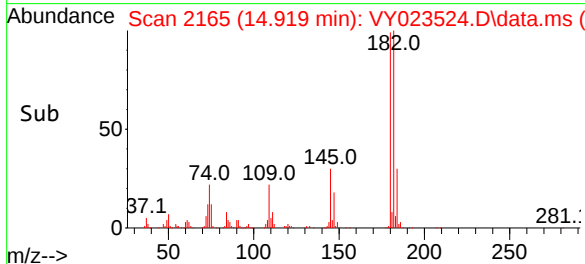
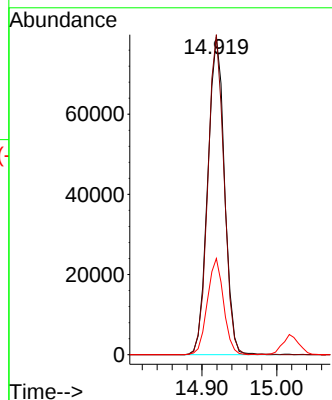
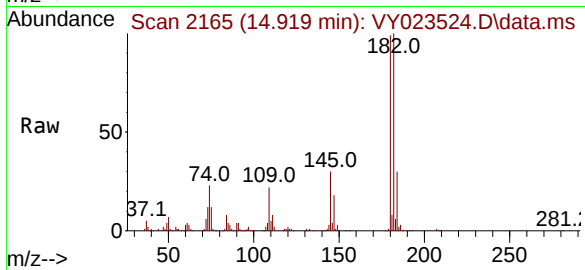
Tgt Ion:180 Resp: 123359

Ion Ratio Lower Upper

180 100

182 97.5 47.9 143.6

145 29.3 14.7 44.1



#94

Hexachlorobutadiene

Concen: 20.997 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023524.D

Acq: 21 Oct 2025 10:27

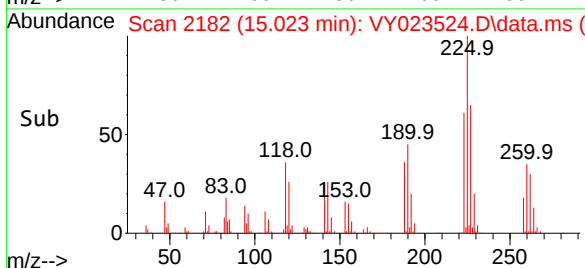
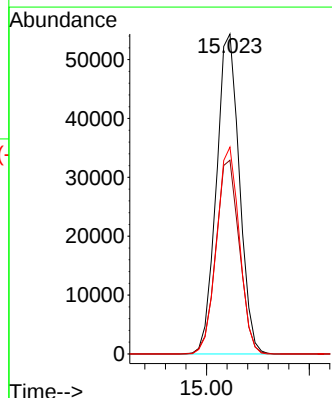
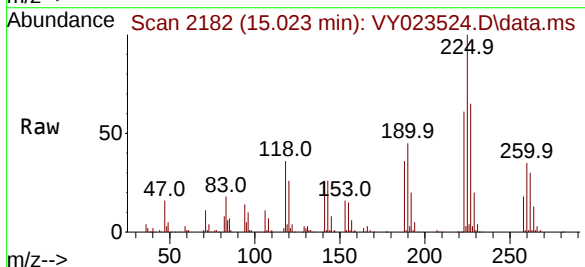
Tgt Ion:225 Resp: 84356

Ion Ratio Lower Upper

225 100

223 61.8 30.8 92.3

227 63.8 31.9 95.7





#95

Naphthalene

Concen: 16.483 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023524.D

Acq: 21 Oct 2025 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1021SBSD01

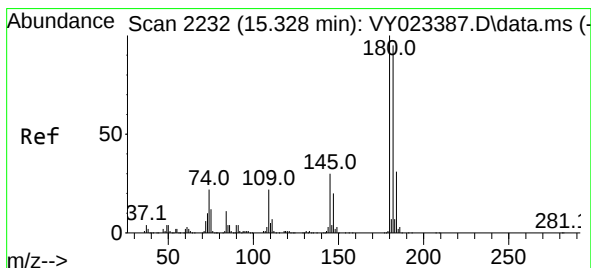
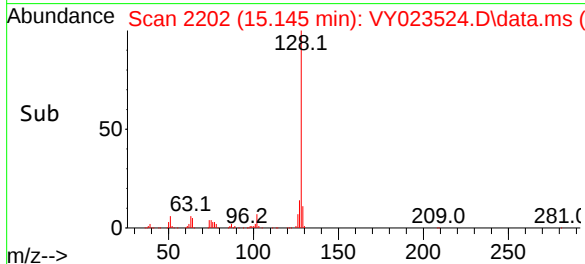
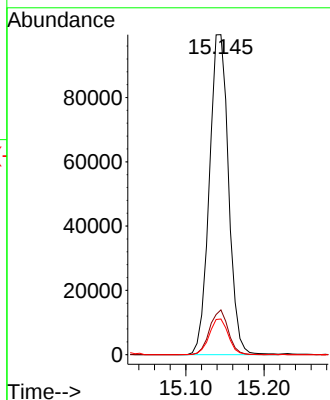
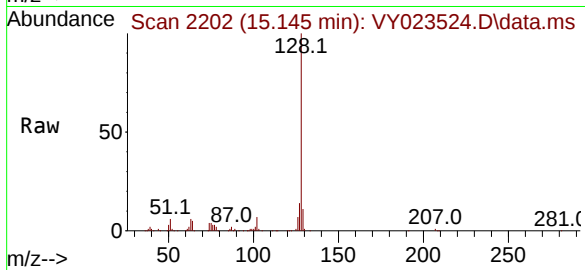
Tgt Ion:128 Resp: 169169

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

129 11.1 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 18.807 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023524.D

Acq: 21 Oct 2025 10:27

Tgt Ion:180 Resp: 104991

Ion Ratio Lower Upper

180 100

182 96.3 47.9 143.8

145 31.1 15.3 45.9

