

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090825\
 Data File : VY023305.D
 Acq On : 08 Sep 2025 11:01
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 09 01:44:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 09 01:40:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	511669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	782027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	680751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	346753	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	93114	20.710	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	41.420%#
35) Dibromofluoromethane	7.640	113	97135	20.320	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	40.640%#
50) Toluene-d8	10.109	98	367821	20.377	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	40.760%#
62) 4-Bromofluorobenzene	12.408	95	113674	20.011	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	40.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	88896	21.656	ug/l	100
3) Chloromethane	2.074	50	123543	21.032	ug/l	100
4) Vinyl Chloride	2.208	62	154963	20.941	ug/l	99
5) Bromomethane	2.592	94	125025	20.692	ug/l	99
6) Chloroethane	2.739	64	103204	20.609	ug/l	96
7) Trichlorofluoromethane	3.062	101	195012	20.879	ug/l	98
8) Diethyl Ether	3.464	74	51072	20.666	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	104609	20.826	ug/l	100
10) Methyl Iodide	4.007	142	120176	20.510	ug/l	100
11) Tert butyl alcohol	4.866	59	25644	98.710	ug/l	97
12) 1,1-Dichloroethene	3.793	96	98352	20.354	ug/l	100
13) Acrolein	3.659	56	45259	103.049	ug/l	98
14) Allyl chloride	4.385	41	125039	20.485	ug/l	99
15) Acrylonitrile	5.061	53	97916	100.646	ug/l	99
16) Acetone	3.879	43	98751	96.424	ug/l	99
17) Carbon Disulfide	4.110	76	317818	20.775	ug/l	99
18) Methyl Acetate	4.391	43	52080	20.731	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	229823	20.228	ug/l	98
20) Methylene Chloride	4.622	84	110980	20.255	ug/l	100
21) trans-1,2-Dichloroethene	5.116	96	111022	20.564	ug/l	95
22) Diisopropyl ether	6.025	45	279204	20.539	ug/l	95
23) Vinyl Acetate	5.964	43	762417	101.451	ug/l	100
24) 1,1-Dichloroethane	5.921	63	184050	20.700	ug/l	98
25) 2-Butanone	6.896	43	128467	101.919	ug/l	99
26) 2,2-Dichloropropane	6.884	77	161798	20.609	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	123993	20.281	ug/l	99
28) Bromochloromethane	7.250	49	72739	20.791	ug/l	98
29) Tetrahydrofuran	7.268	42	76442	102.243	ug/l	99
30) Chloroform	7.427	83	196739	20.594	ug/l	98
31) Cyclohexane	7.707	56	161741	20.557	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	175981	20.618	ug/l	99
36) 1,1-Dichloropropene	7.841	75	139217	20.448	ug/l	99
37) Ethyl Acetate	6.988	43	55365	20.442	ug/l	100
38) Carbon Tetrachloride	7.823	117	158423	20.222	ug/l	99
39) Methylcyclohexane	9.115	83	174931	20.084	ug/l	97
40) Benzene	8.085	78	435169	20.563	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	22580	15.006	ug/l #	93
42) 1,2-Dichloroethane	8.164	62	109981	20.412	ug/l	100
43) Isopropyl Acetate	8.201	43	105821	20.089	ug/l	99
44) Trichloroethene	8.872	130	121229	20.567	ug/l	99
45) 1,2-Dichloropropane	9.146	63	98694	20.650	ug/l	95
46) Dibromomethane	9.231	93	59559	20.463	ug/l	100
47) Bromodichloromethane	9.426	83	148346	20.259	ug/l	100
48) Methyl methacrylate	9.225	41	49361	20.104	ug/l	99
49) 1,4-Dioxane	9.237	88	11411	386.213	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	270262	100.283	ug/l	99
52) Toluene	10.170	92	276811	20.612	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	125515	19.909	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	153964	20.438	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	78175	20.191	ug/l	98
56) Ethyl methacrylate	10.445	69	86701	19.329	ug/l	99
57) 1,3-Dichloropropane	10.719	76	128839	20.498	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	181539	92.857	ug/l	100
59) 2-Hexanone	10.762	43	188342	101.094	ug/l	97
60) Dibromochloromethane	10.914	129	105879	20.155	ug/l	100
61) 1,2-Dibromoethane	11.018	107	73861	20.358	ug/l	97
64) Tetrachloroethene	10.652	164	148800	21.931	ug/l	98
65) Chlorobenzene	11.444	112	306189	20.531	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	105682	20.189	ug/l	99
67) Ethyl Benzene	11.524	91	497762	20.430	ug/l	100
68) m/p-Xylenes	11.633	106	401968	41.202	ug/l	100
69) o-Xylene	11.956	106	184121	20.387	ug/l	99
70) Styrene	11.969	104	306789	20.496	ug/l	99
71) Bromoform	12.133	173	62332	19.996	ug/l #	99
73) Isopropylbenzene	12.255	105	476323	20.393	ug/l	100
74) N-amyl acetate	12.072	43	86035	19.487	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	76107	19.415	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	106764	27.829	ug/l #	100
77) Bromobenzene	12.536	156	119243	19.983	ug/l	99
78) n-propylbenzene	12.597	91	565486	20.541	ug/l	100
79) 2-Chlorotoluene	12.682	91	322223	20.322	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	392810	20.678	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	25026	19.436	ug/l	98
82) 4-Chlorotoluene	12.779	91	340201	20.505	ug/l	99
83) tert-Butylbenzene	12.999	119	343022	19.937	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	389304	20.715	ug/l	100
85) sec-Butylbenzene	13.176	105	515162	20.579	ug/l	99
86) p-Isopropyltoluene	13.292	119	431885	20.424	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	236278	20.010	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	237319	20.291	ug/l	99
89) n-Butylbenzene	13.621	91	378395	20.177	ug/l	99
90) Hexachloroethane	13.883	117	93360	20.365	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	206872	20.093	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12396	20.153	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	117002	19.482	ug/l	100
94) Hexachlorobutadiene	15.023	225	74337	20.020	ug/l	100
95) Naphthalene	15.145	128	180169	18.665	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	101733	19.506	ug/l	100

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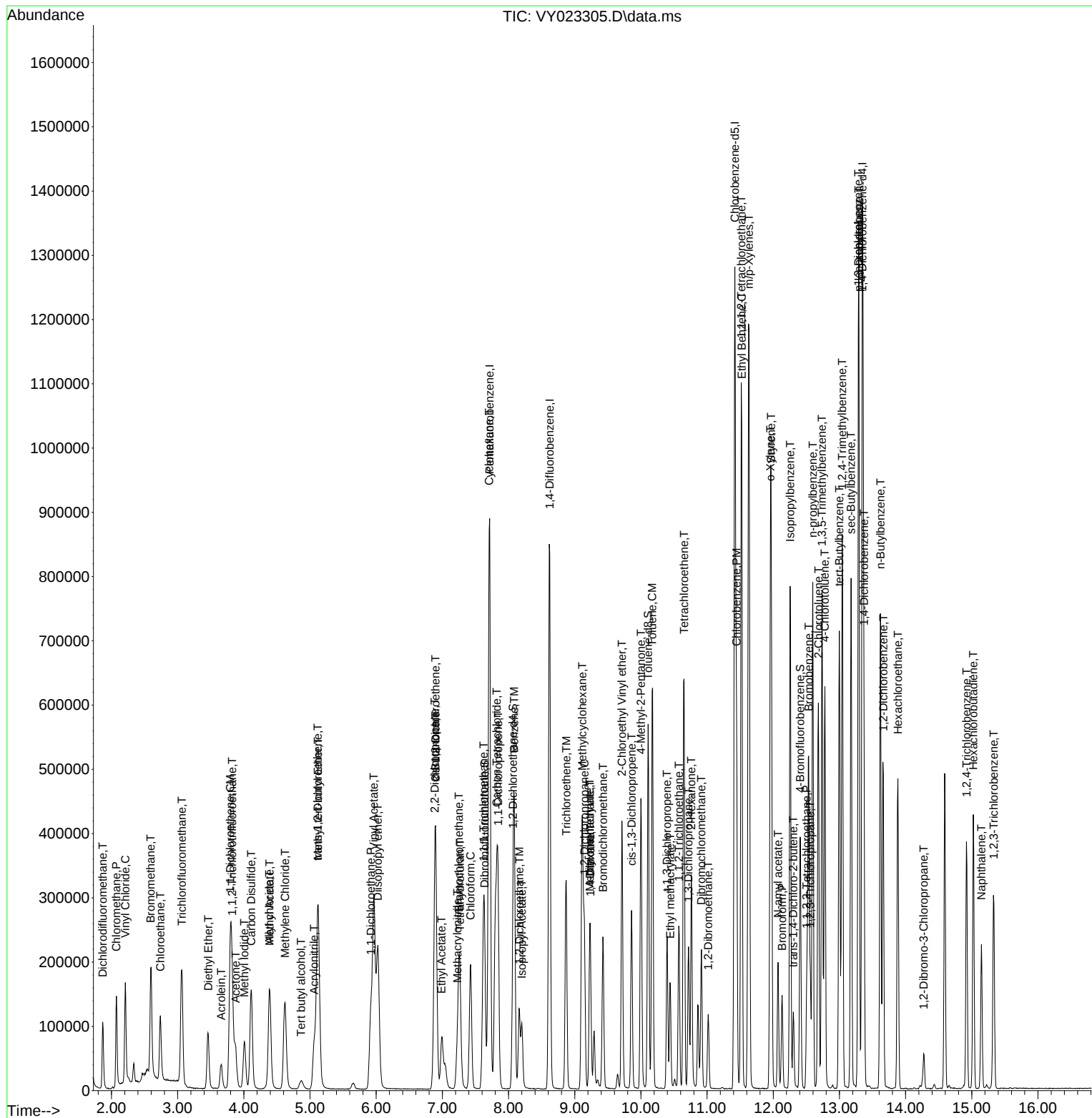
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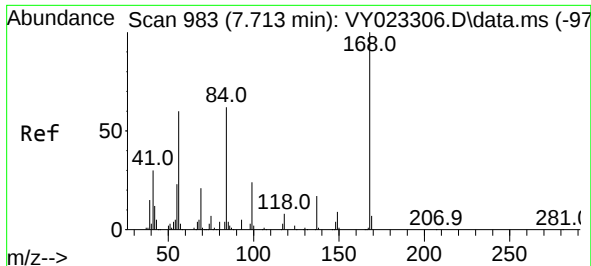
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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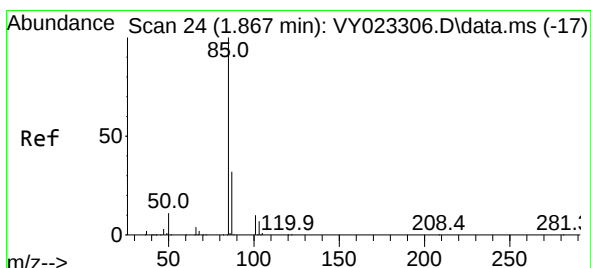
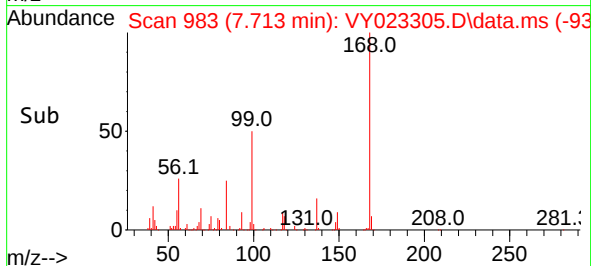
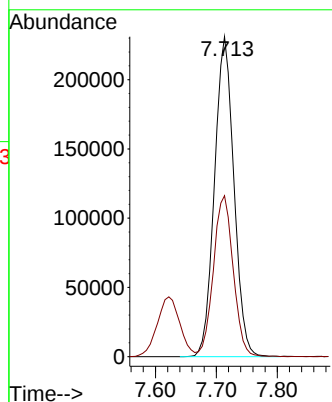
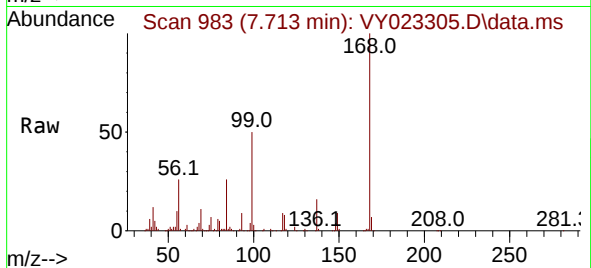




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023305.D
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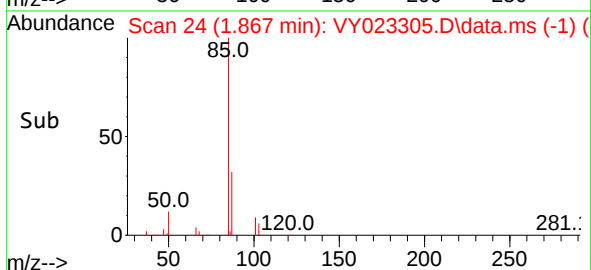
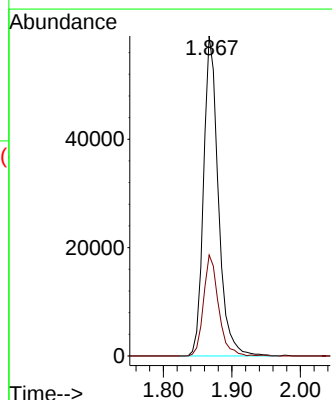
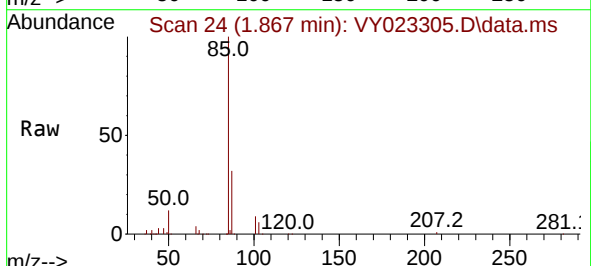
Instrument :
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ClientSampleId :
VSTDICC020

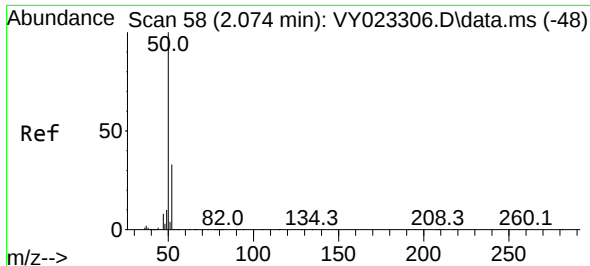
Tgt Ion:168 Resp: 511669
Ion Ratio Lower Upper
168 100
99 50.3 40.4 60.6



#2
Dichlorodifluoromethane
Concen: 21.656 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

Tgt Ion: 85 Resp: 88896
Ion Ratio Lower Upper
85 100
87 31.6 15.9 47.7

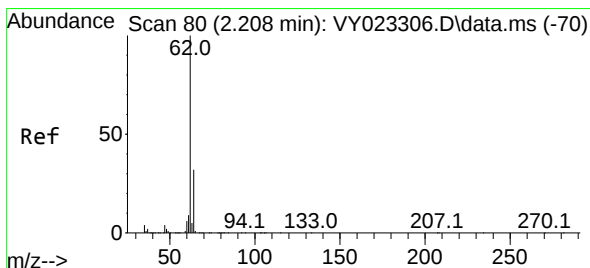
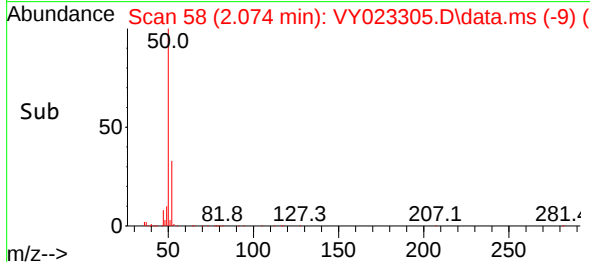
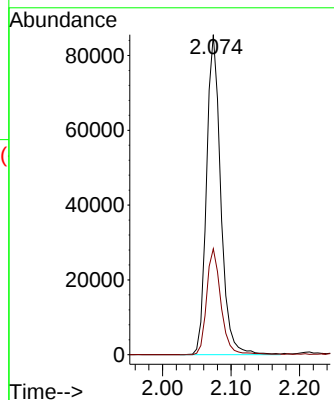
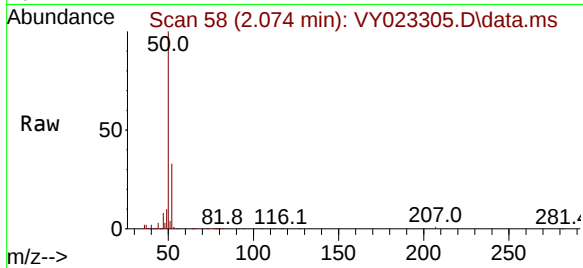




#3
Chloromethane
Concen: 21.032 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

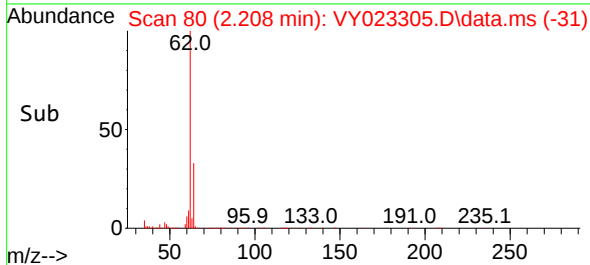
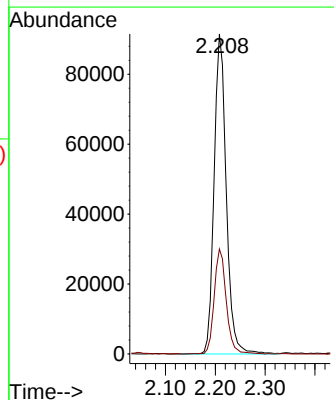
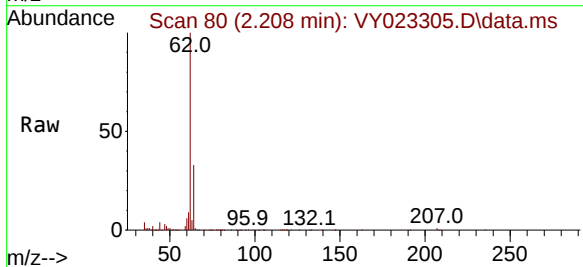
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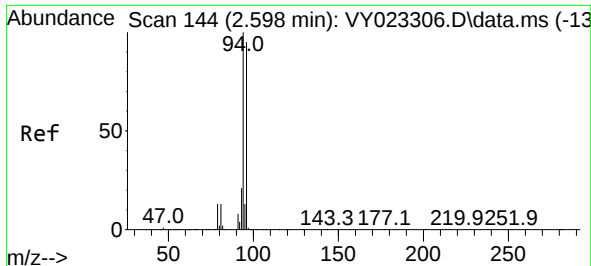
Tgt Ion: 50 Resp: 123543
Ion Ratio Lower Upper
50 100
52 33.1 26.6 39.8



#4
Vinyl Chloride
Concen: 20.941 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

Tgt Ion: 62 Resp: 154963
Ion Ratio Lower Upper
62 100
64 32.7 25.8 38.8

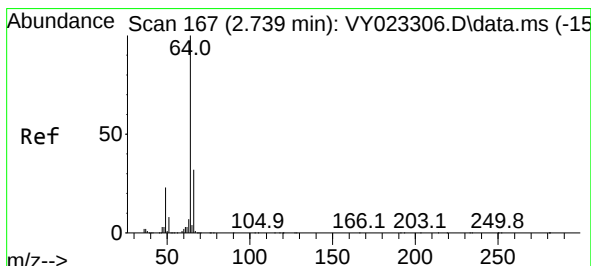
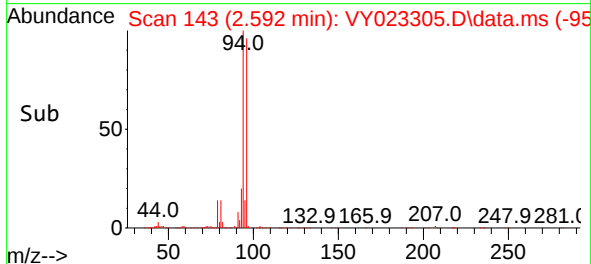
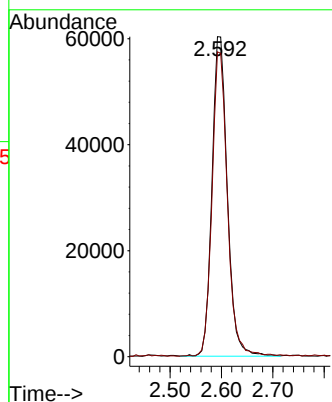
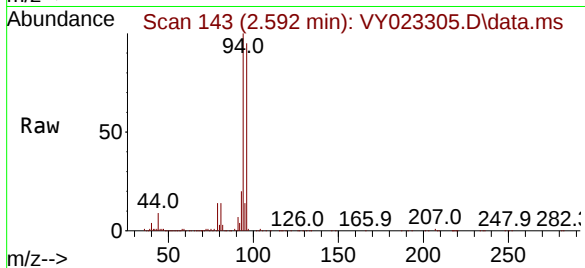




#5
Bromomethane
Concen: 20.692 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

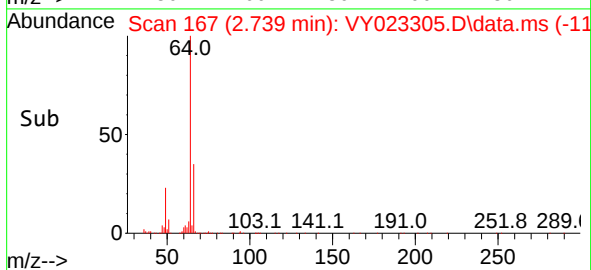
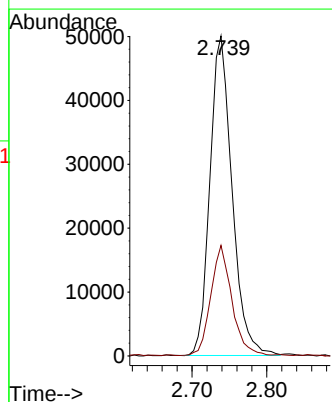
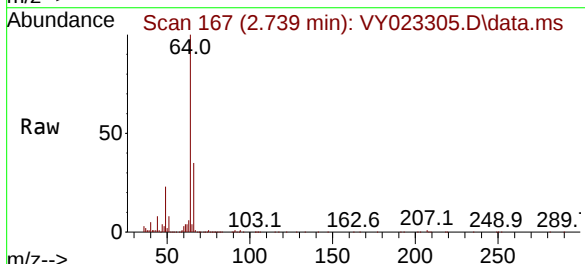
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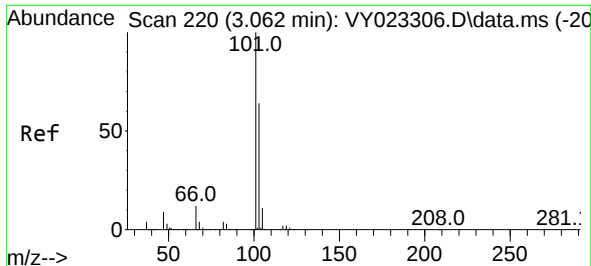
Tgt Ion: 94 Resp: 125025
Ion Ratio Lower Upper
94 100
96 95.2 75.7 113.5



#6
Chloroethane
Concen: 20.609 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

Tgt Ion: 64 Resp: 103204
Ion Ratio Lower Upper
64 100
66 34.4 25.8 38.8

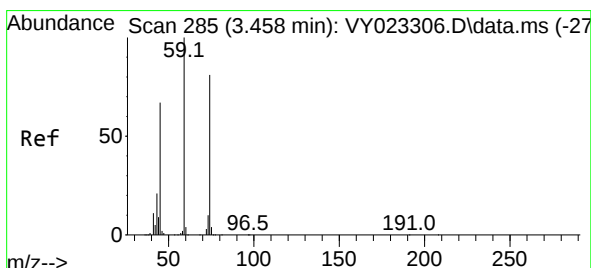
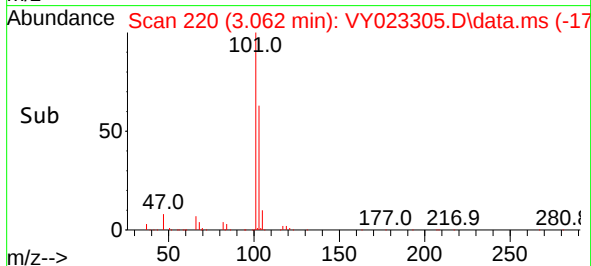
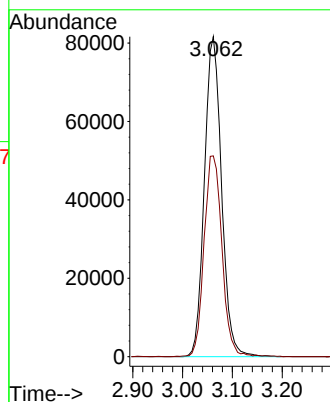
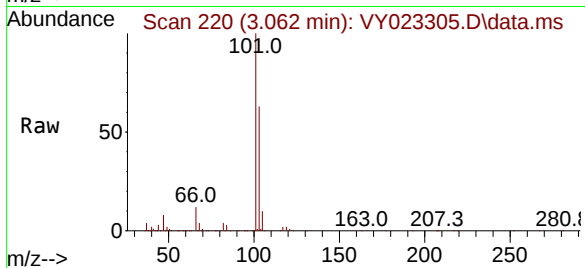




#7
Trichlorofluoromethane
Concen: 20.879 ug/l
RT: 3.062 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

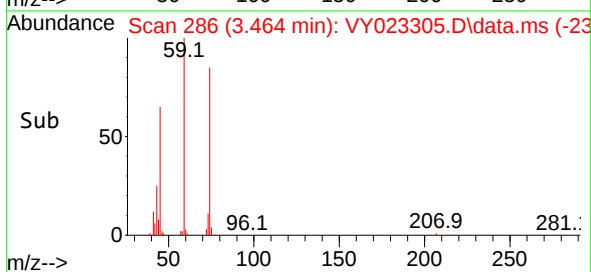
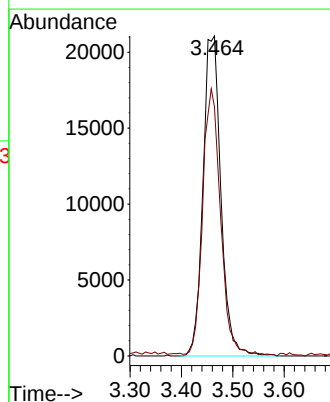
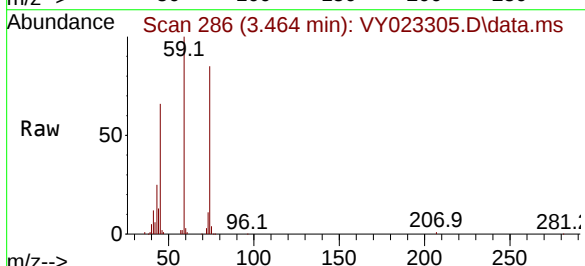
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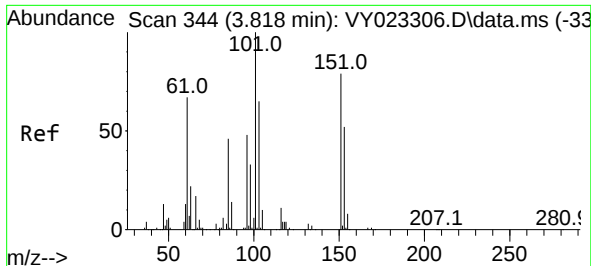
Tgt Ion:101 Resp: 195012
Ion Ratio Lower Upper
101 100
103 62.6 51.4 77.2



#8
Diethyl Ether
Concen: 20.666 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.006 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

Tgt Ion: 74 Resp: 51072
Ion Ratio Lower Upper
74 100
45 81.6 41.4 124.4

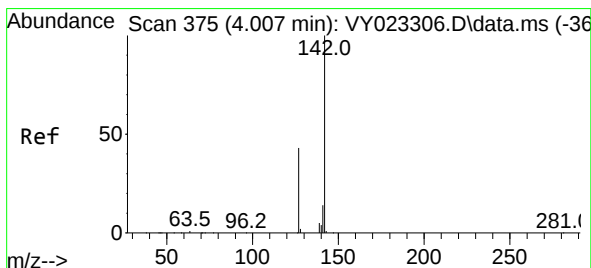
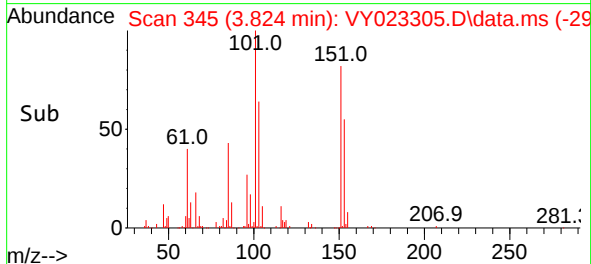
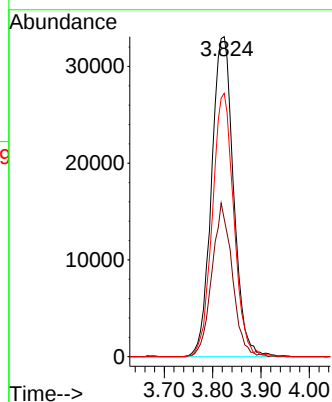
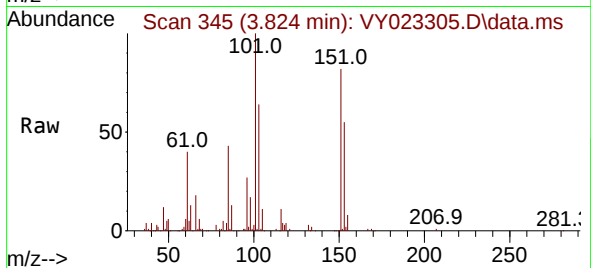




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.826 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

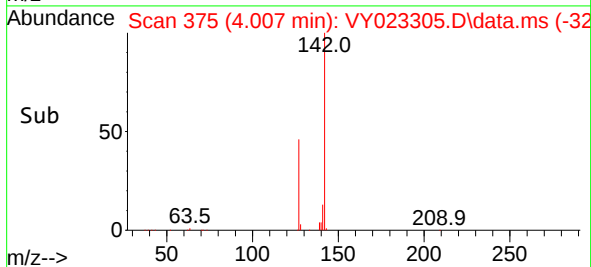
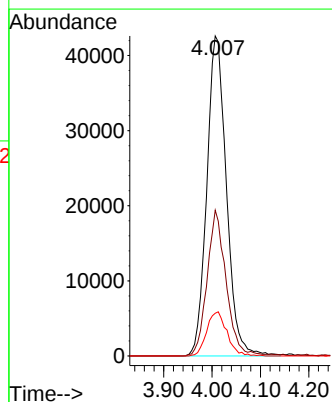
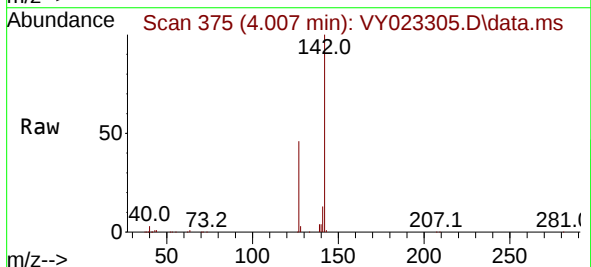
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

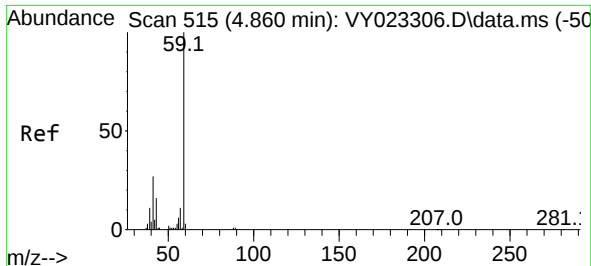
Tgt Ion:101 Resp: 104609
Ion Ratio Lower Upper
101 100
85 44.4 35.4 53.2
151 80.2 64.2 96.4



#10
Methyl Iodide
Concen: 20.510 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

Tgt Ion:142 Resp: 120176
Ion Ratio Lower Upper
142 100
127 44.0 35.0 52.6
141 14.2 11.4 17.2





#11

Tert butyl alcohol

Concen: 98.710 ug/l

RT: 4.866 min Scan# 515

Delta R.T. 0.006 min

Lab File: VY023305.D

Acq: 08 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

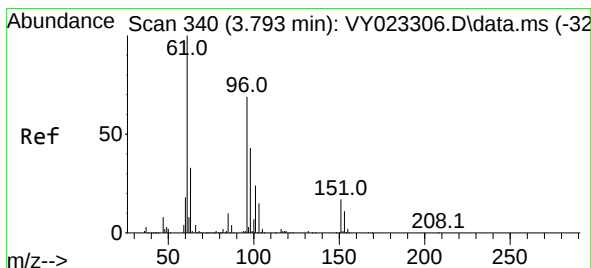
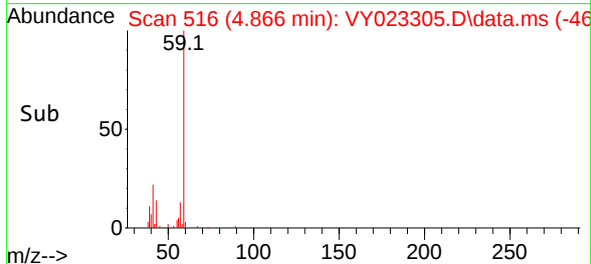
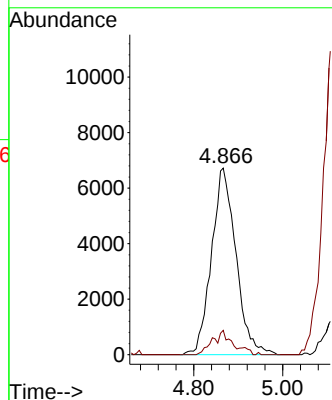
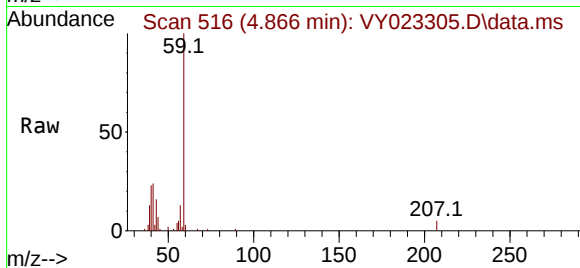
VSTDICC020

Tgt Ion: 59 Resp: 25644

Ion Ratio Lower Upper

59 100

57 9.5 8.6 13.0



#12

1,1-Dichloroethene

Concen: 20.354 ug/l

RT: 3.793 min Scan# 340

Delta R.T. -0.000 min

Lab File: VY023305.D

Acq: 08 Sep 2025 11:01

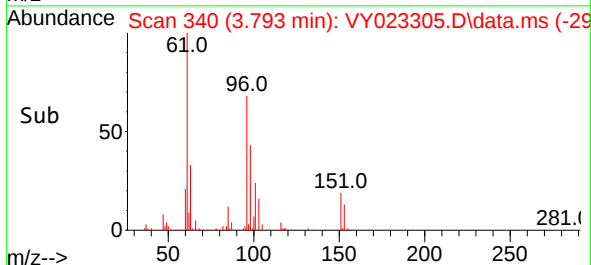
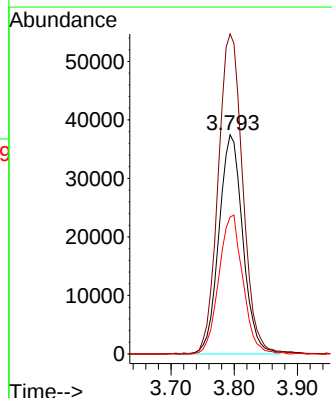
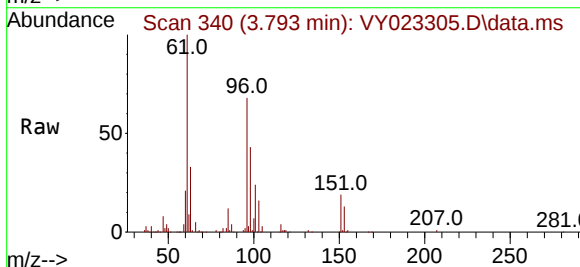
Tgt Ion: 96 Resp: 98352

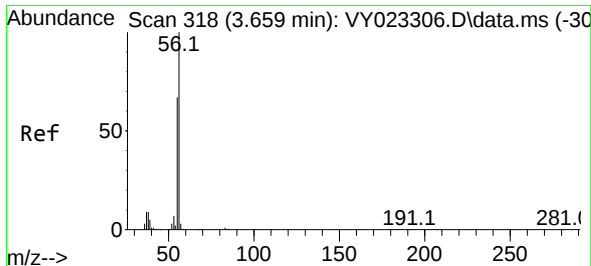
Ion Ratio Lower Upper

96 100

61 146.0 116.6 174.8

98 62.5 50.5 75.7

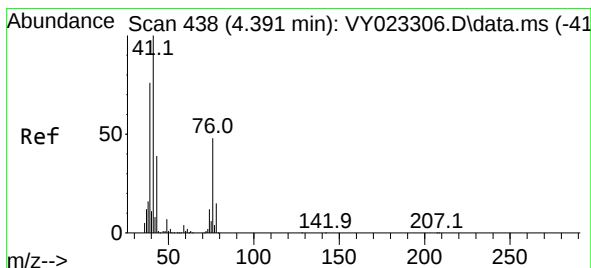
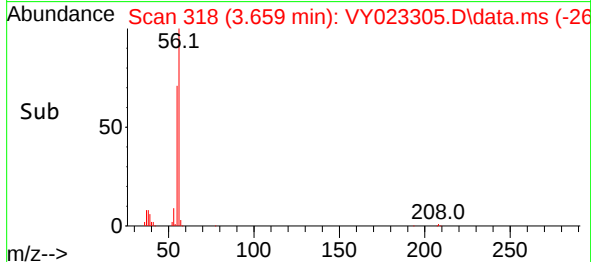
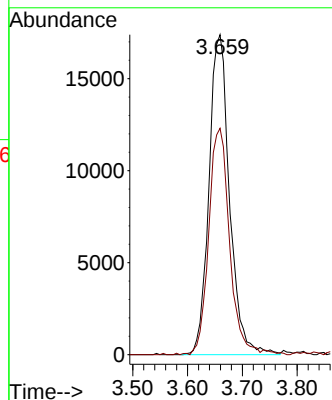
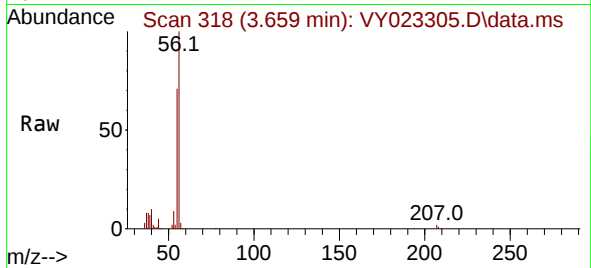




#13
Acrolein
Concen: 103.049 ug/l
RT: 3.659 min Scan# 318
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

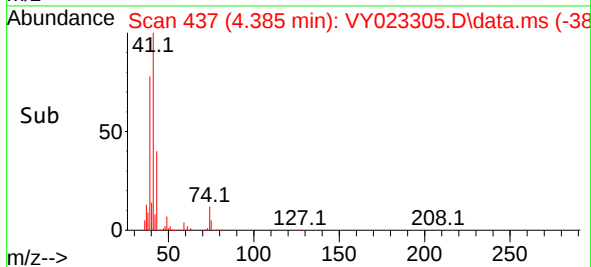
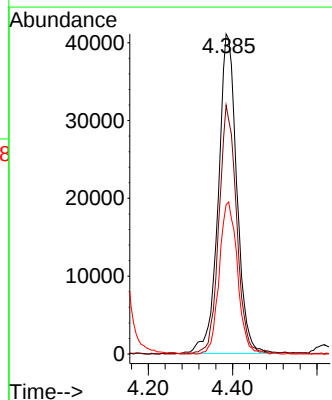
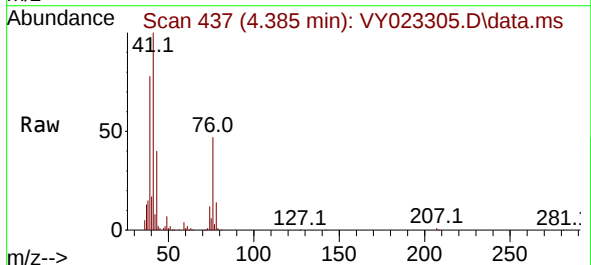
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

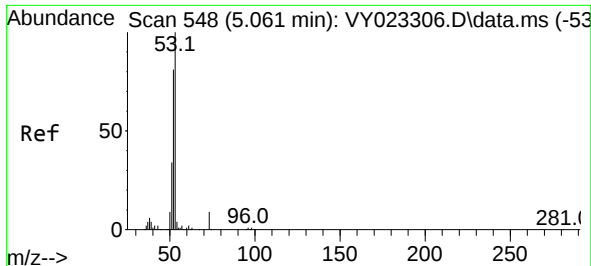
Tgt Ion: 56 Resp: 45259
Ion Ratio Lower Upper
56 100
55 71.9 56.1 84.1



#14
Allyl chloride
Concen: 20.485 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

Tgt Ion: 41 Resp: 125039
Ion Ratio Lower Upper
41 100
39 74.2 59.8 89.6
76 46.5 36.6 55.0

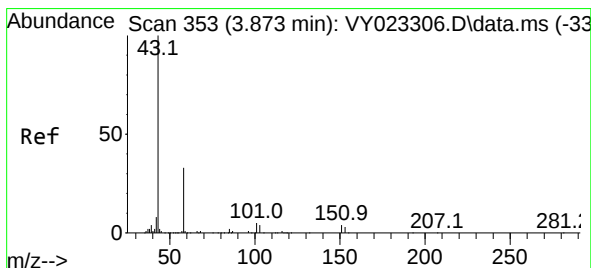
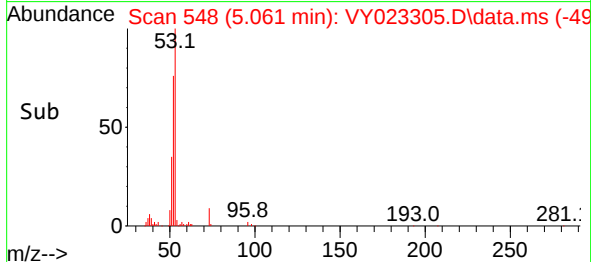
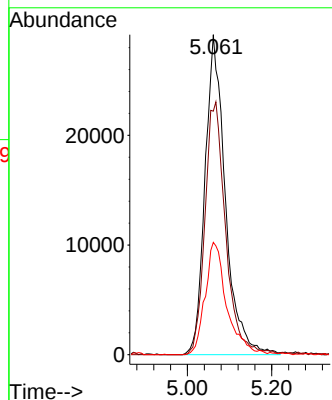
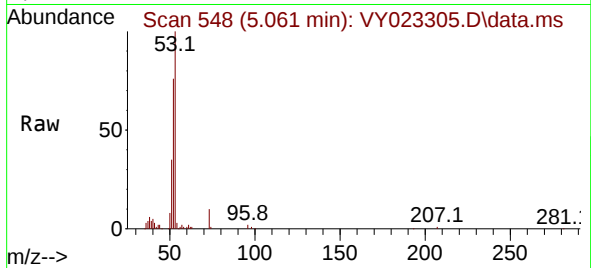




#15
Acrylonitrile
Concen: 100.646 ug/l
RT: 5.061 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

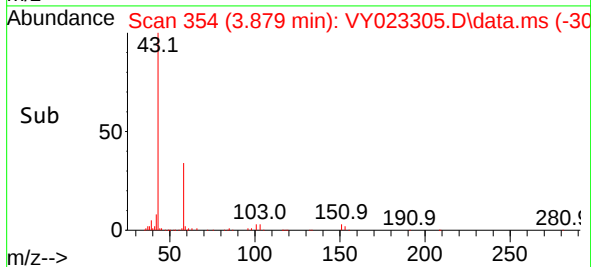
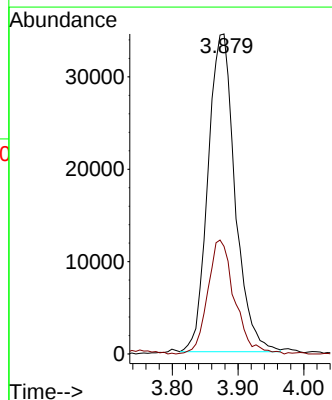
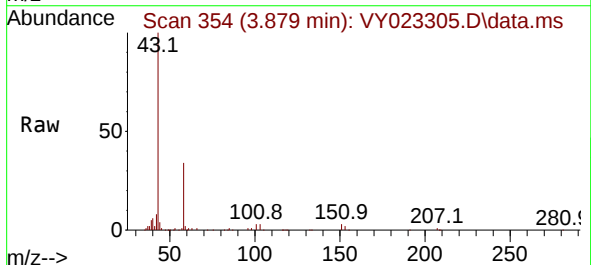
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

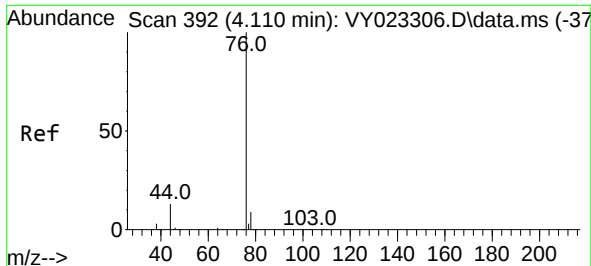
Tgt Ion: 53	Resp: 97916
Ion Ratio	Lower Upper
53 100	
52 80.5	64.2 96.4
51 37.3	29.0 43.6



#16
Acetone
Concen: 96.424 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

Tgt Ion: 43	Resp: 98751
Ion Ratio	Lower Upper
43 100	
58 33.6	27.2 40.8

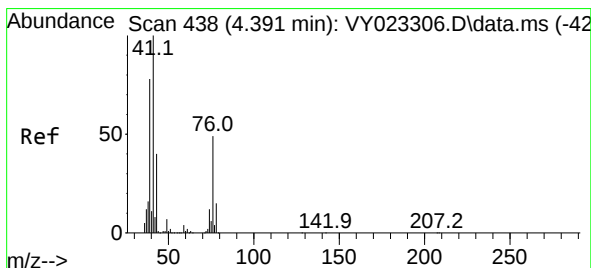
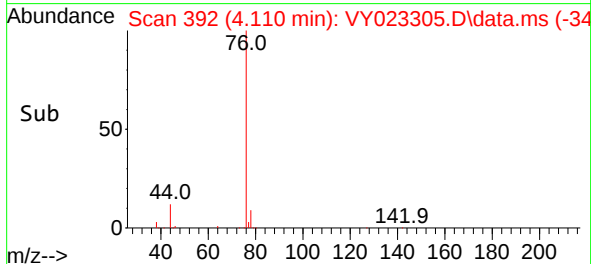
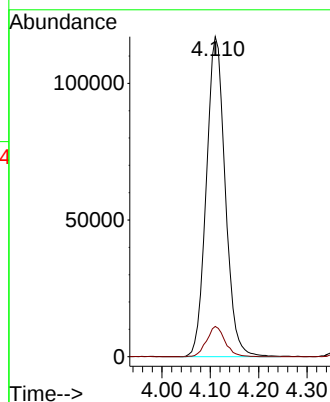
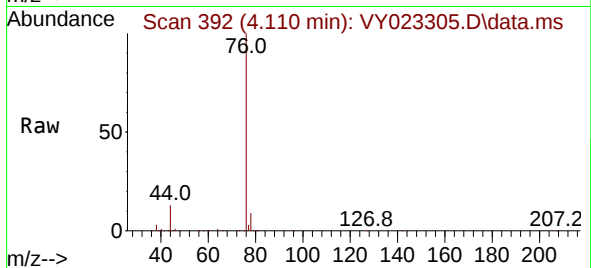




#17
Carbon Disulfide
Concen: 20.775 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

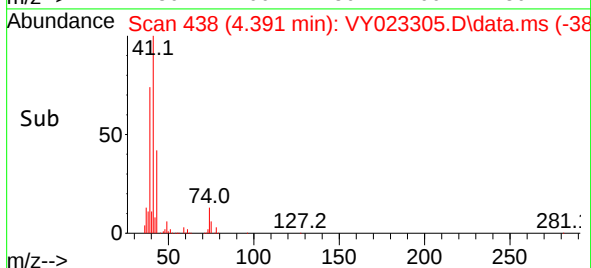
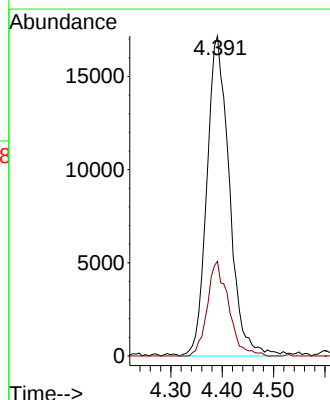
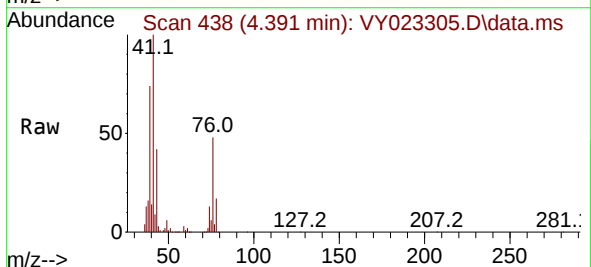
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

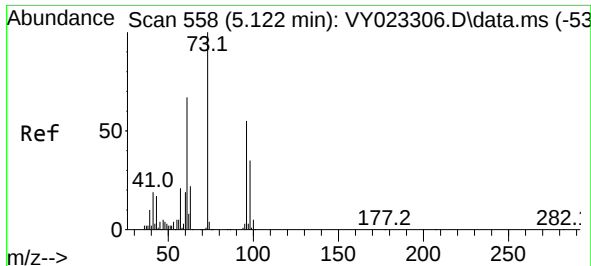
Tgt Ion: 76 Resp: 317818
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 20.731 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

Tgt Ion: 43 Resp: 52080
Ion Ratio Lower Upper
43 100
74 28.1 22.2 33.2





#19

Methyl tert-butyl Ether

Concen: 20.228 ug/l

RT: 5.122 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY023305.D

Acq: 08 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

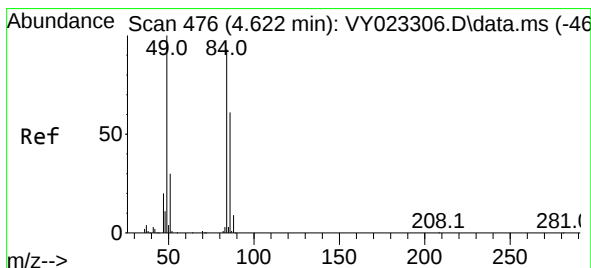
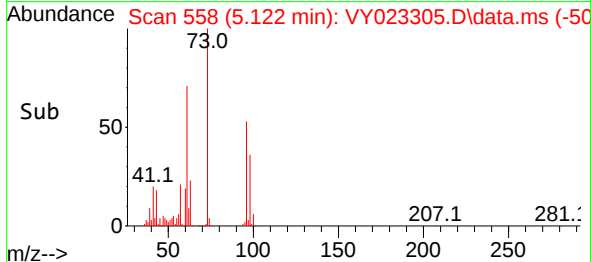
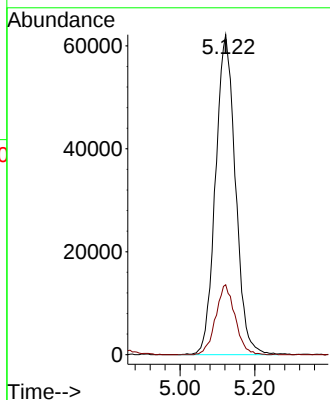
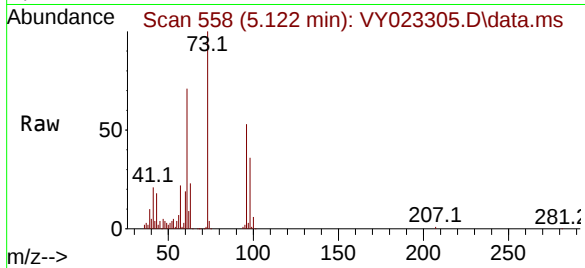
VSTDICC020

Tgt Ion: 73 Resp: 229823

Ion Ratio Lower Upper

73 100

57 21.8 16.6 24.8



#20

Methylene Chloride

Concen: 20.255 ug/l

RT: 4.622 min Scan# 476

Delta R.T. -0.000 min

Lab File: VY023305.D

Acq: 08 Sep 2025 11:01

Tgt Ion: 84 Resp: 110980

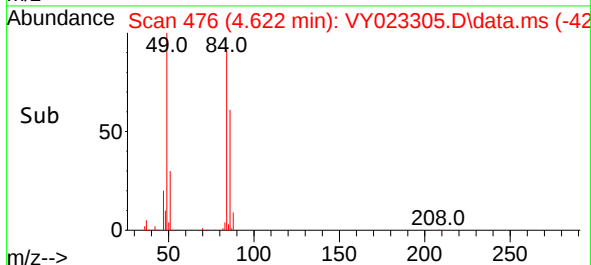
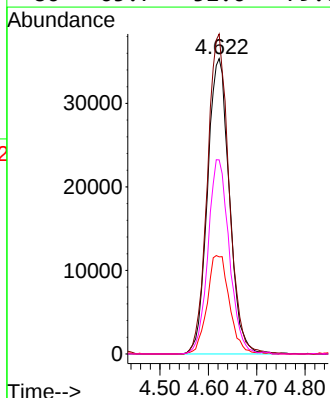
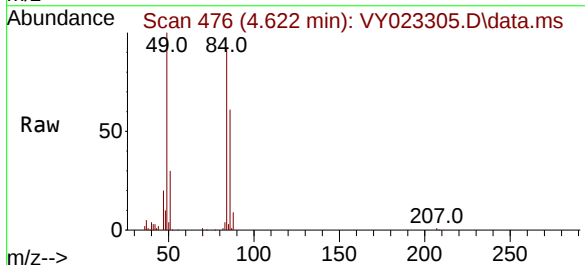
Ion Ratio Lower Upper

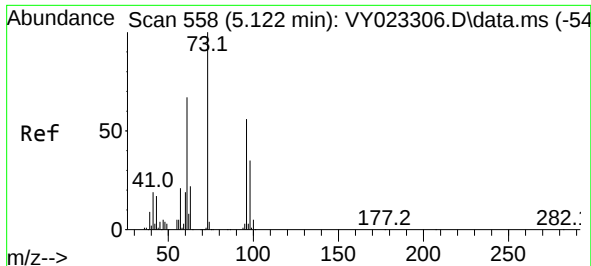
84 100

49 108.3 86.4 129.6

51 32.9 25.9 38.9

86 65.7 52.6 79.0

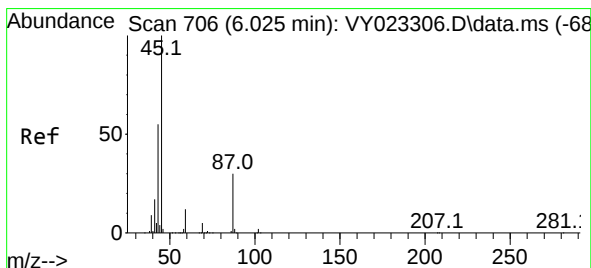
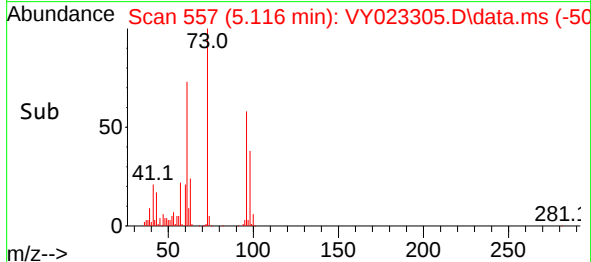
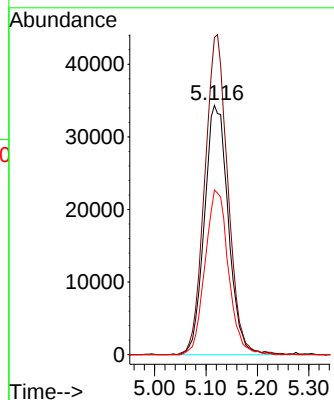
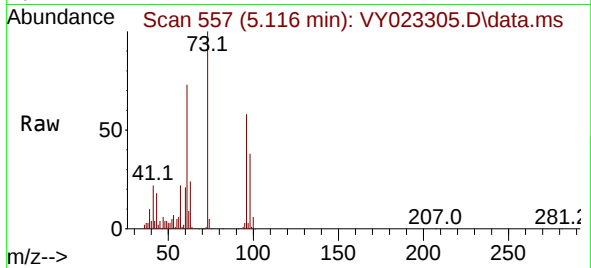




#21
trans-1,2-Dichloroethene
Concen: 20.564 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

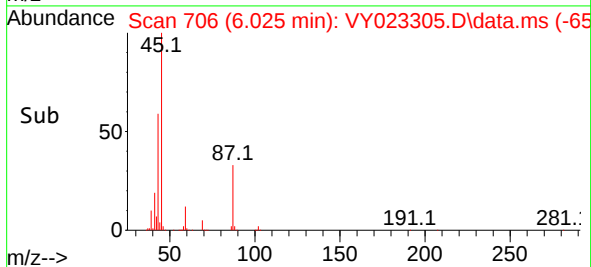
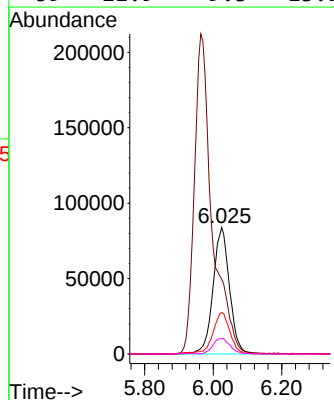
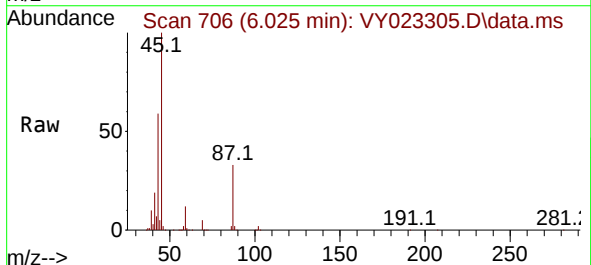
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

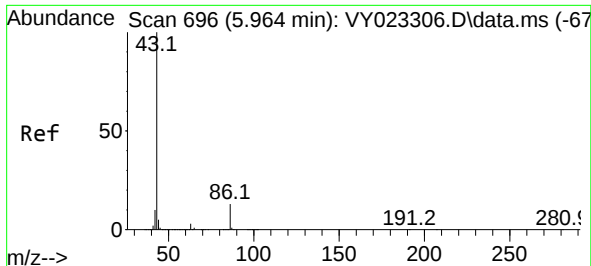
Tgt Ion: 96 Resp: 111022
Ion Ratio Lower Upper
96 100
61 126.7 96.6 144.8
98 66.0 50.6 76.0



#22
Diisopropyl ether
Concen: 20.539 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

Tgt Ion: 45 Resp: 279204
Ion Ratio Lower Upper
45 100
43 59.0 43.8 65.6
87 32.7 24.1 36.1
59 11.9 9.3 13.9

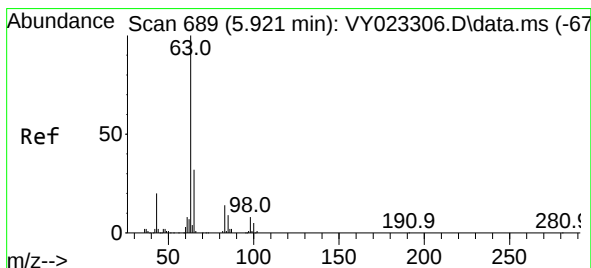
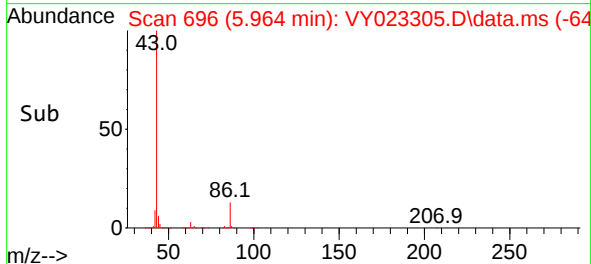
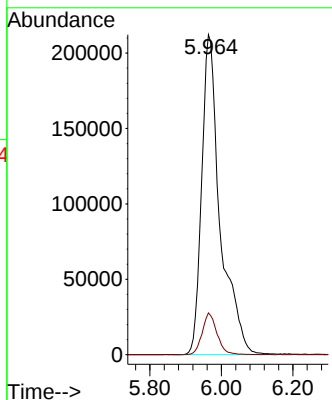
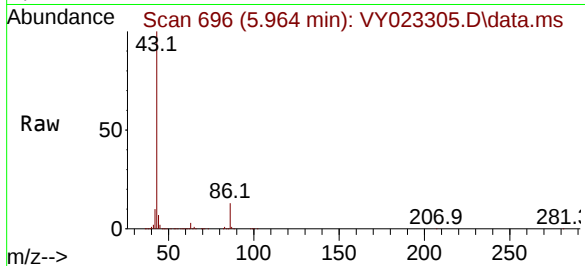




#23
 Vinyl Acetate
 Concen: 101.451 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY023305.D
 Acq: 08 Sep 2025 11:01

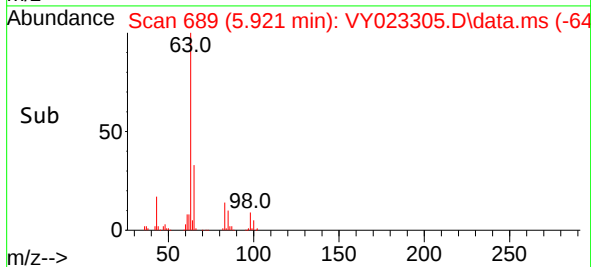
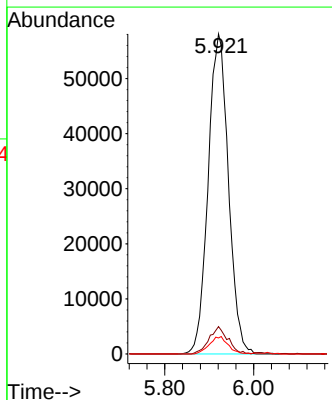
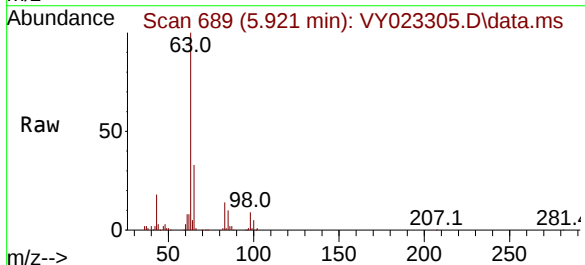
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

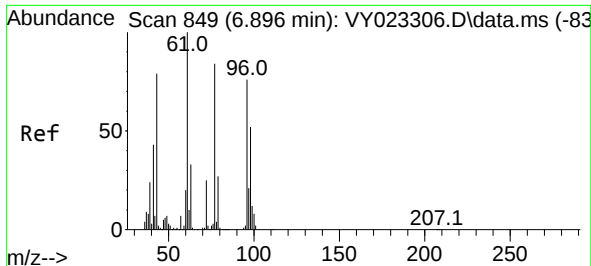
Tgt Ion: 43 Resp: 762417
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.4 15.6



#24
 1,1-Dichloroethane
 Concen: 20.700 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY023305.D
 Acq: 08 Sep 2025 11:01

Tgt Ion: 63 Resp: 184050
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.9 11.5
 100 5.0 2.3 6.9





#25

2-Butanone

Concen: 101.919 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY023305.D

Acq: 08 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

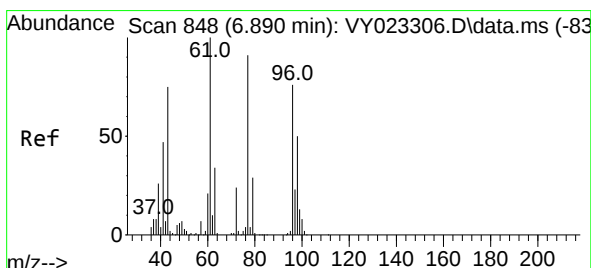
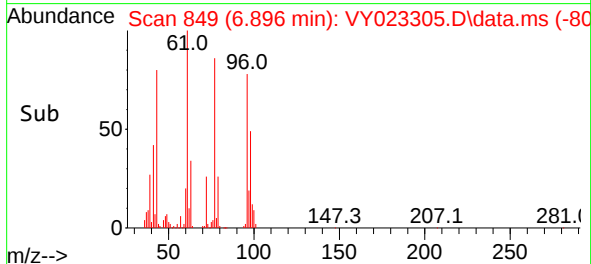
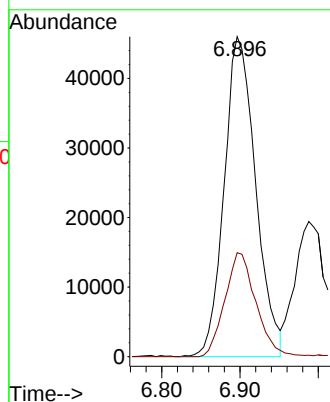
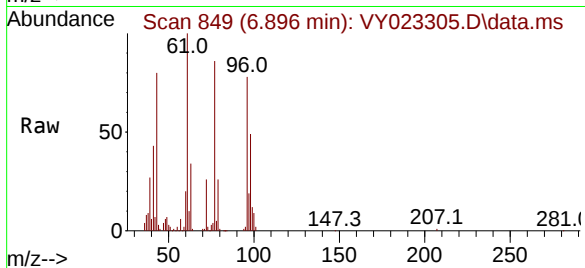
VSTDICC020

Tgt Ion: 43 Resp: 128467

Ion Ratio Lower Upper

43 100

72 32.5 25.7 38.5



#26

2,2-Dichloropropane

Concen: 20.609 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY023305.D

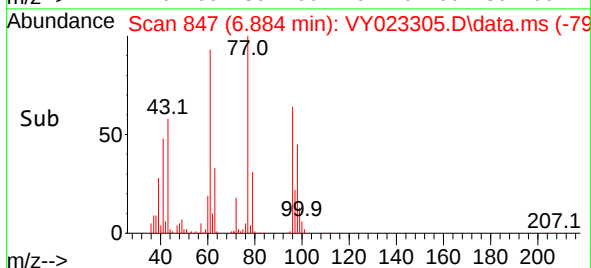
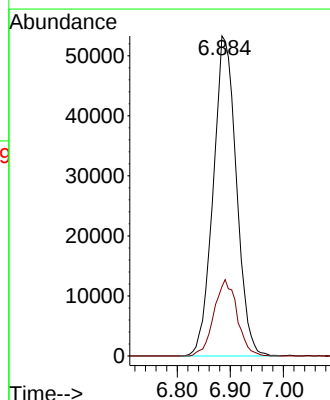
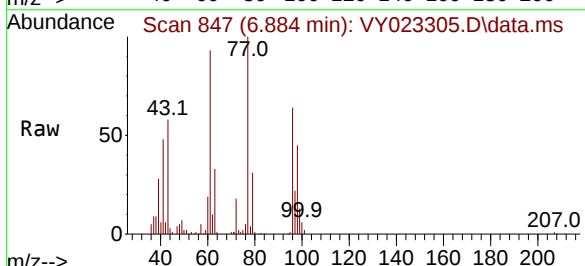
Acq: 08 Sep 2025 11:01

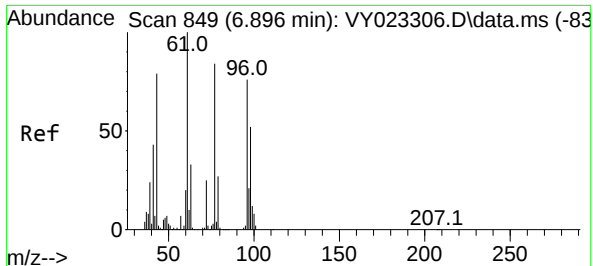
Tgt Ion: 77 Resp: 161798

Ion Ratio Lower Upper

77 100

97 23.8 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 20.281 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY023305.D

Acq: 08 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

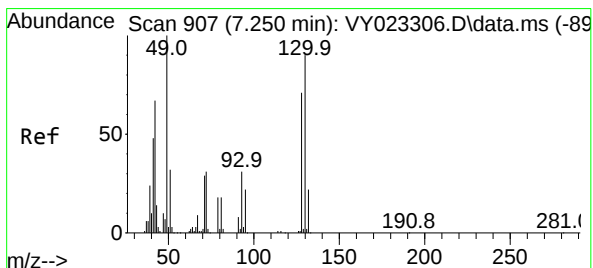
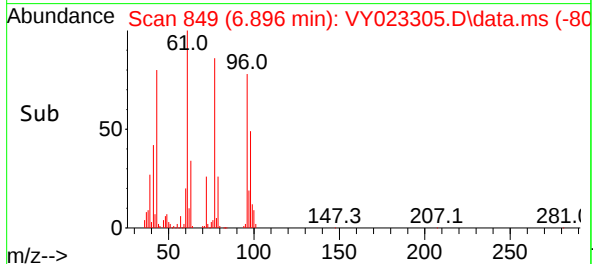
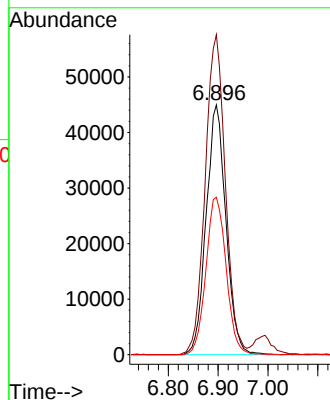
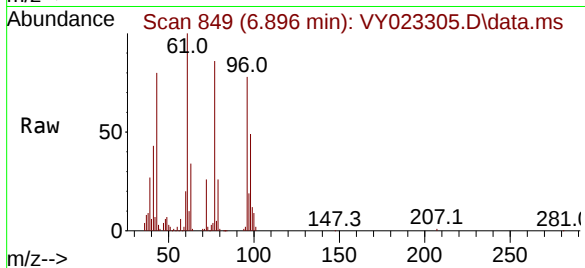
Tgt Ion: 96 Resp: 123993

Ion Ratio Lower Upper

96 100

61 130.4 0.0 264.0

98 64.5 0.0 130.6



#28

Bromochloromethane

Concen: 20.791 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY023305.D

Acq: 08 Sep 2025 11:01

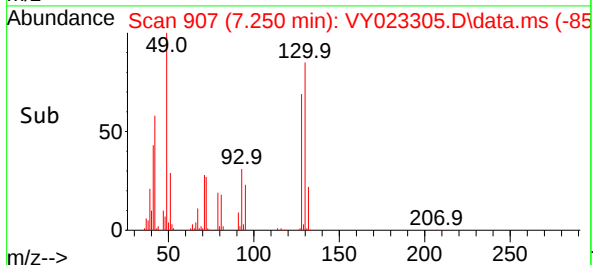
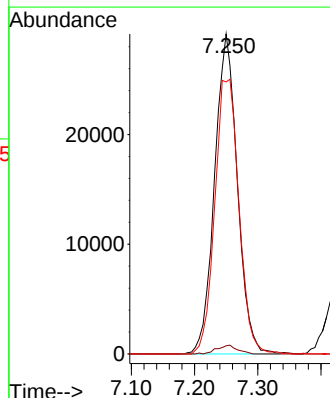
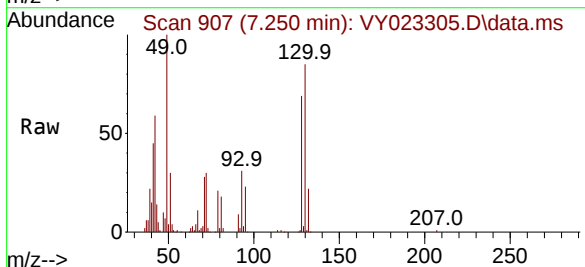
Tgt Ion: 49 Resp: 72739

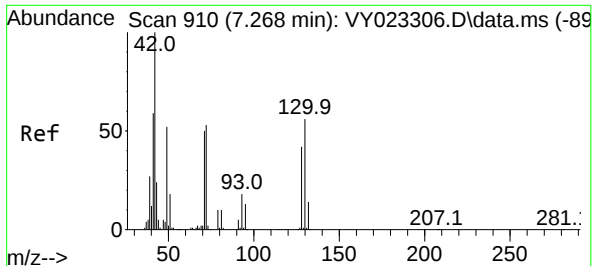
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.0

130 91.3 74.3 111.5





#29

Tetrahydrofuran

Concen: 102.243 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY023305.D

Acq: 08 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

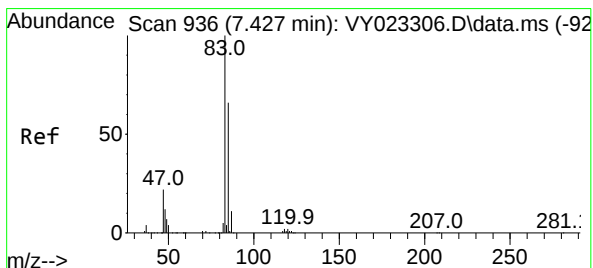
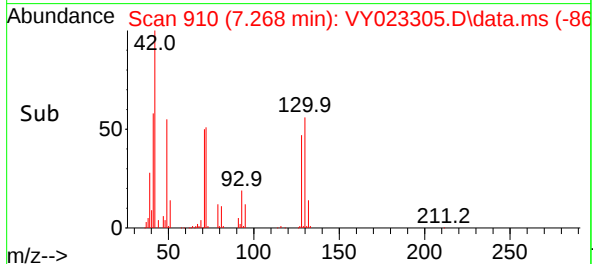
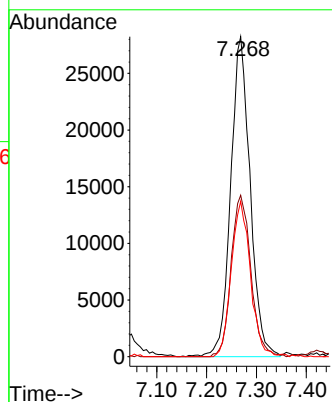
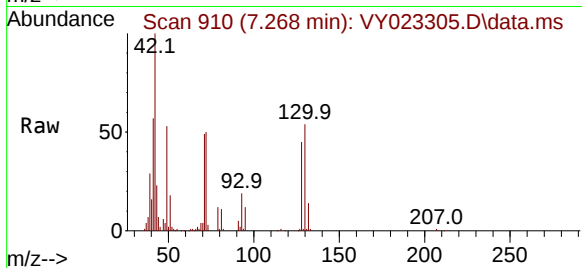
Tgt Ion: 42 Resp: 76442

Ion Ratio Lower Upper

42 100

72 51.3 40.4 60.6

71 47.7 38.5 57.7



#30

Chloroform

Concen: 20.594 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY023305.D

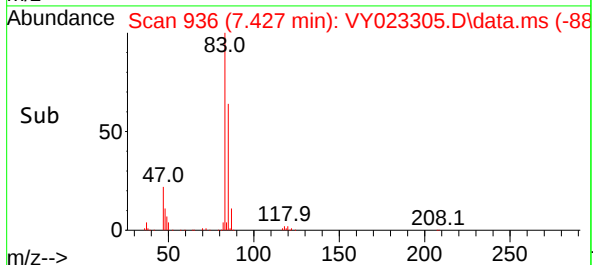
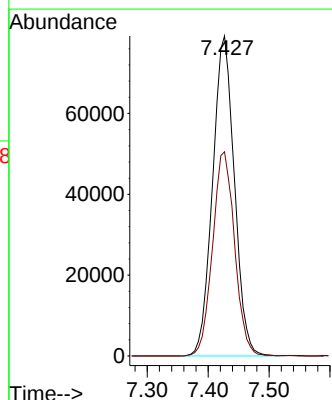
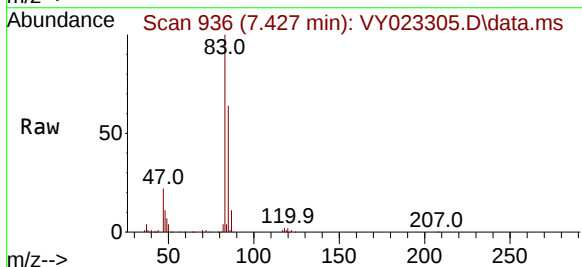
Acq: 08 Sep 2025 11:01

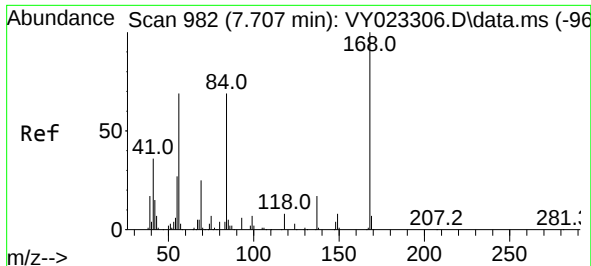
Tgt Ion: 83 Resp: 196739

Ion Ratio Lower Upper

83 100

85 63.8 52.4 78.6

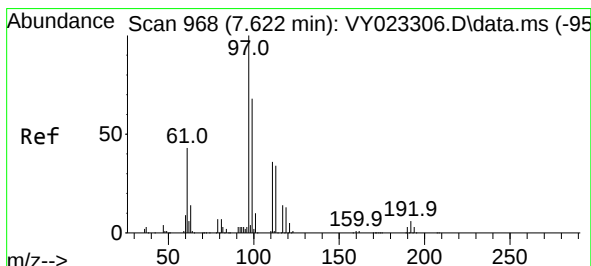
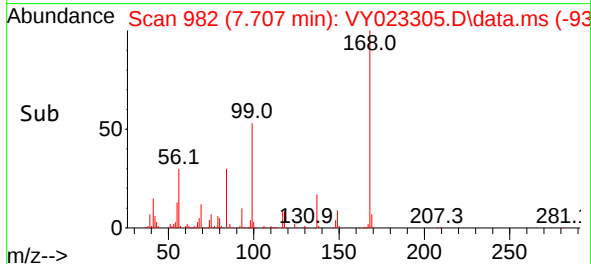
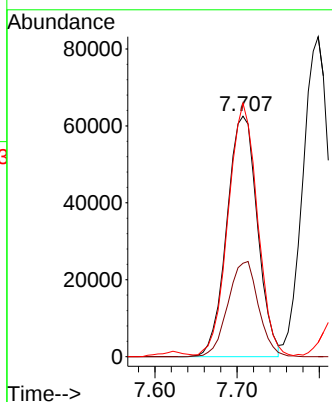
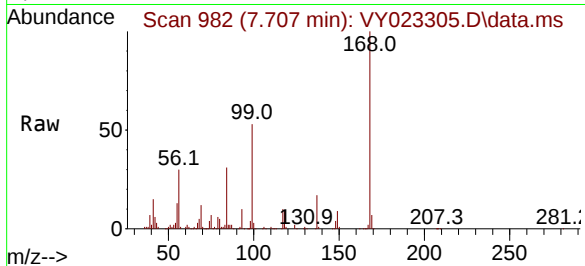




#31
Cyclohexane
Concen: 20.557 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

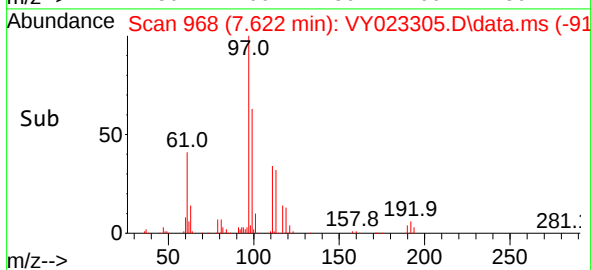
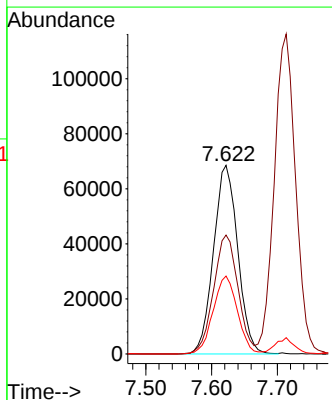
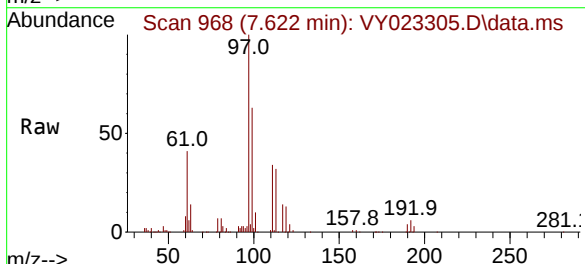
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

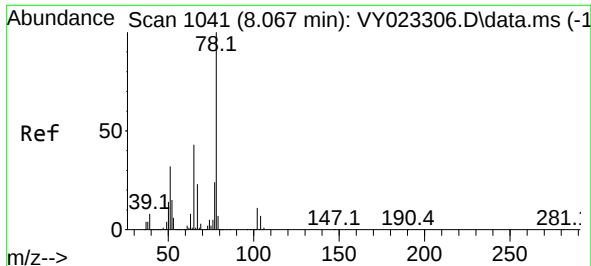
Tgt Ion: 56 Resp: 161741
Ion Ratio Lower Upper
56 100
69 38.9 29.1 43.7
84 103.6 80.7 121.1



#32
1,1,1-Trichloroethane
Concen: 20.618 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

Tgt Ion: 97 Resp: 175981
Ion Ratio Lower Upper
97 100
99 63.5 52.2 78.4
61 41.4 33.2 49.8





#33

1,2-Dichloroethane-d4

Concen: 20.710 ug/l

RT: 8.067 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY023305.D

Acq: 08 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

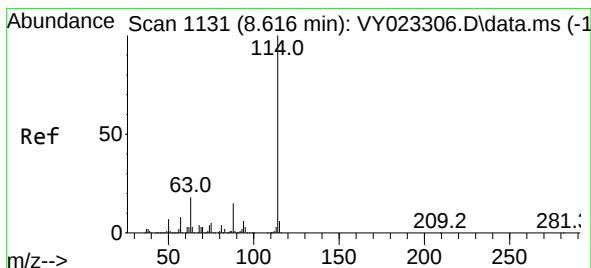
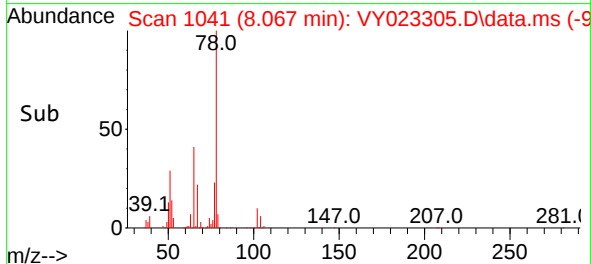
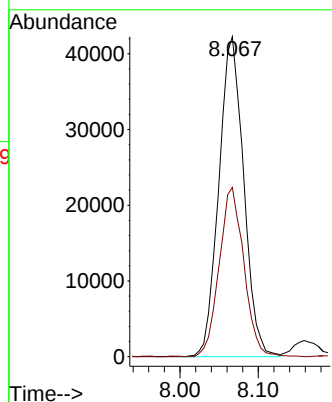
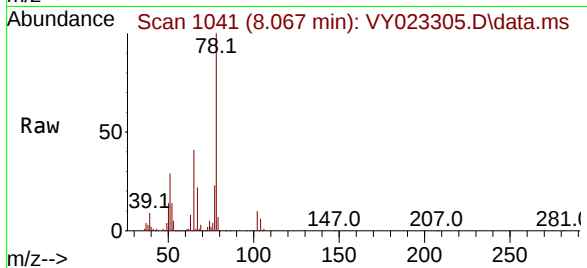
VSTDICC020

Tgt Ion: 65 Resp: 93114

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY023305.D

Acq: 08 Sep 2025 11:01

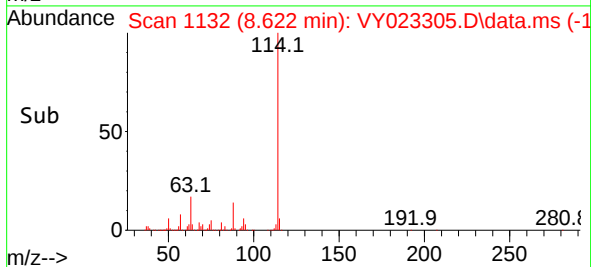
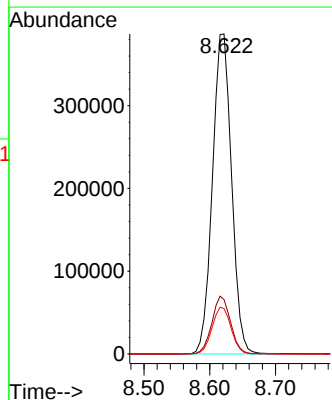
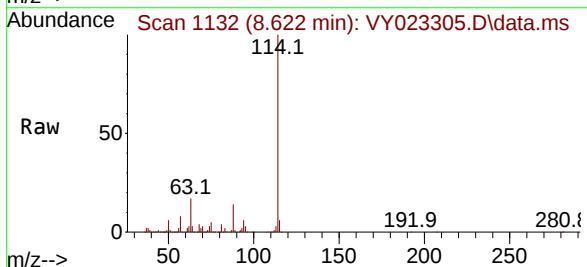
Tgt Ion: 114 Resp: 782027

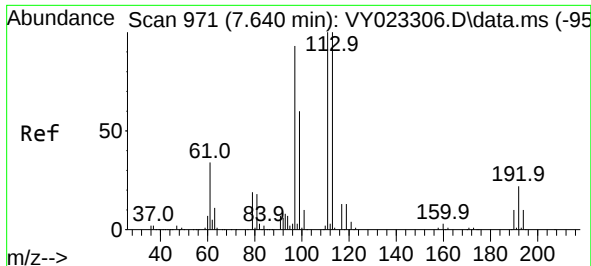
Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.8

88 14.2 0.0 29.8

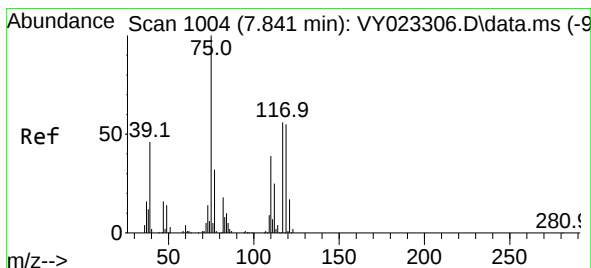
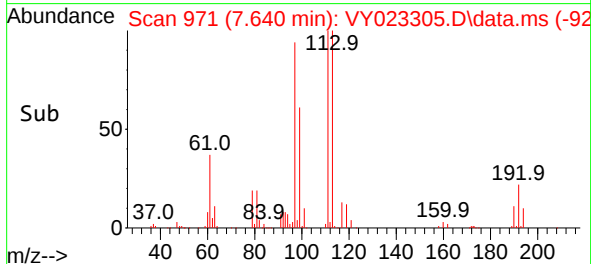
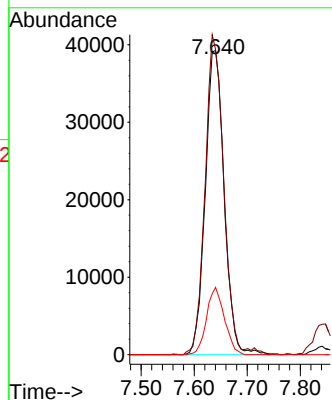
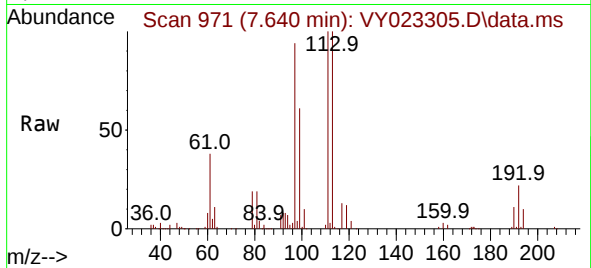




#35
Dibromofluoromethane
Concen: 20.320 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

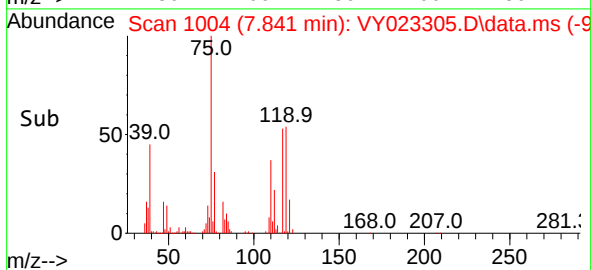
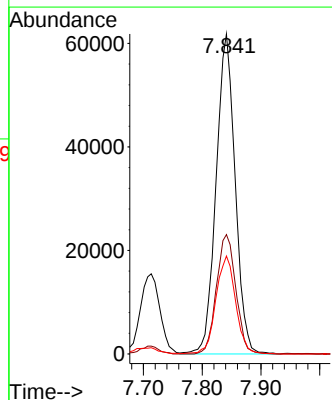
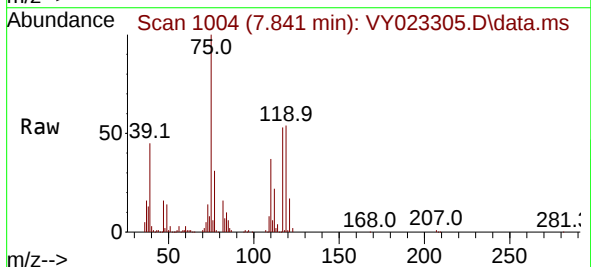
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

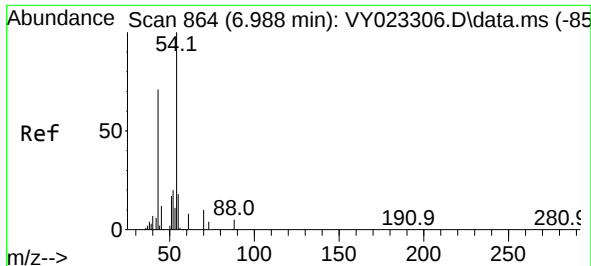
Tgt Ion:113 Resp: 97135
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 20.9 17.2 25.8



#36
1,1-Dichloropropene
Concen: 20.448 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

Tgt Ion: 75 Resp: 139217
Ion Ratio Lower Upper
75 100
110 37.9 19.3 57.9
77 31.7 25.2 37.8





#37

Ethyl Acetate

Concen: 20.442 ug/l

RT: 6.988 min Scan# 864

Delta R.T. -0.000 min

Lab File: VY023305.D

Acq: 08 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

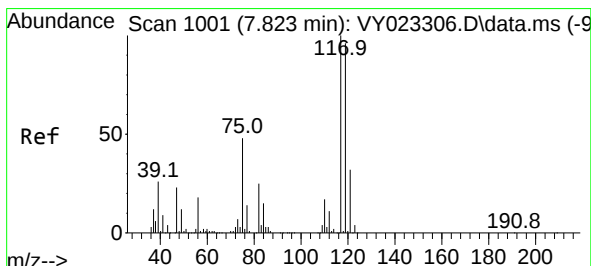
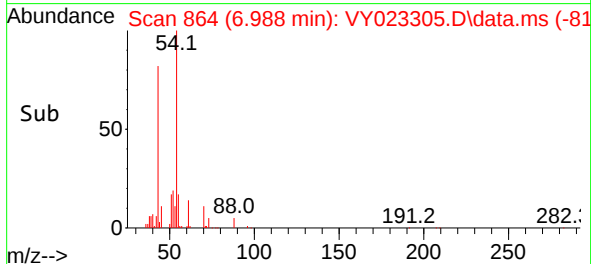
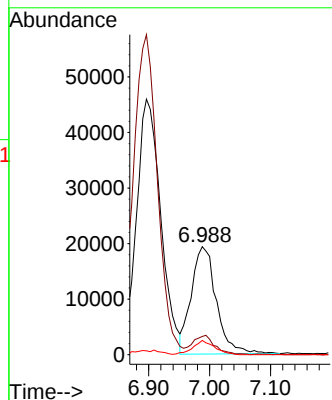
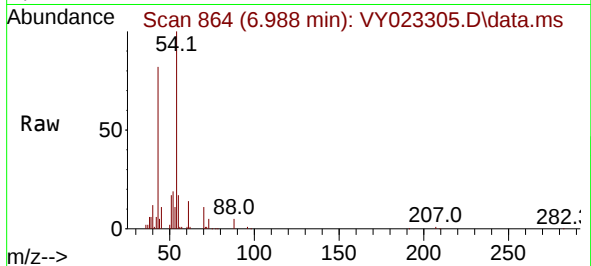
Tgt Ion: 43 Resp: 55365

Ion Ratio Lower Upper

43 100

61 16.1 12.9 19.3

70 11.4 9.1 13.7



#38

Carbon Tetrachloride

Concen: 20.222 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY023305.D

Acq: 08 Sep 2025 11:01

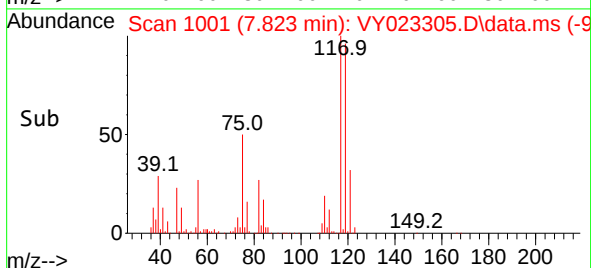
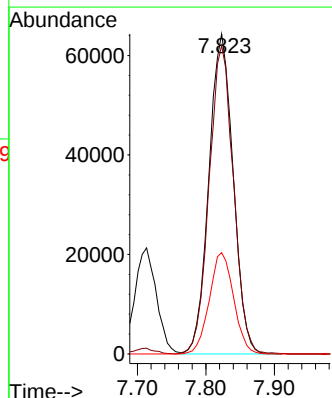
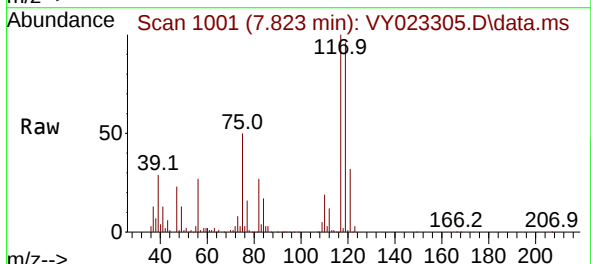
Tgt Ion: 117 Resp: 158423

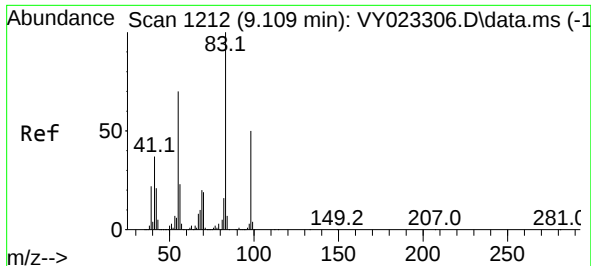
Ion Ratio Lower Upper

117 100

119 96.3 76.5 114.7

121 31.7 25.2 37.8





#39

Methylcyclohexane

Concen: 20.084 ug/l

RT: 9.115 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023305.D

Acq: 08 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

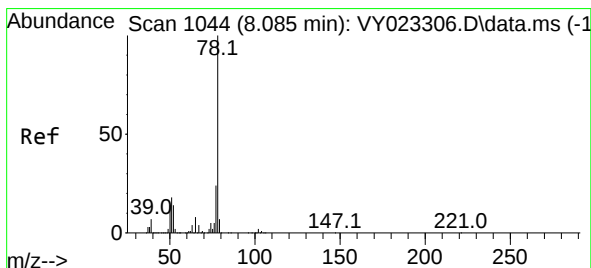
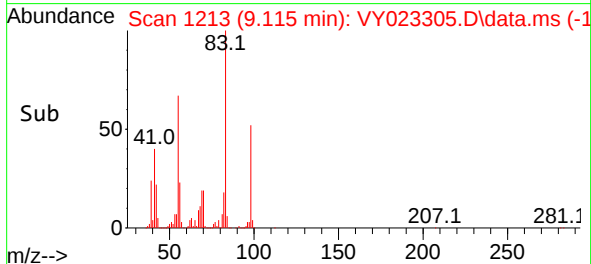
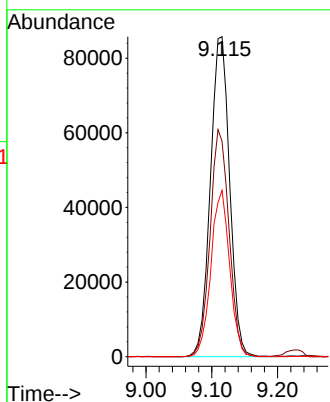
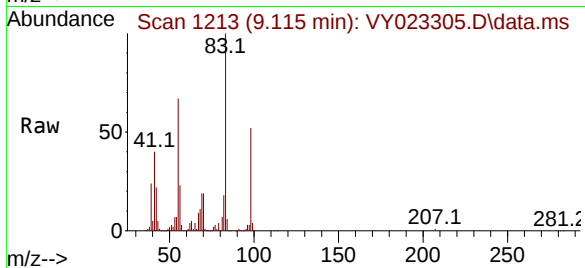
Tgt Ion: 83 Resp: 174931

Ion Ratio Lower Upper

83 100

55 67.3 56.1 84.1

98 52.0 39.8 59.8



#40

Benzene

Concen: 20.563 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY023305.D

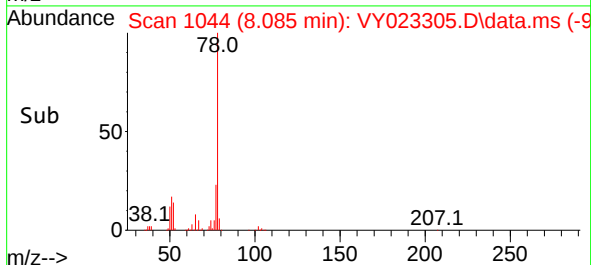
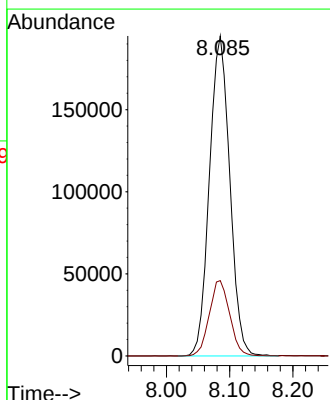
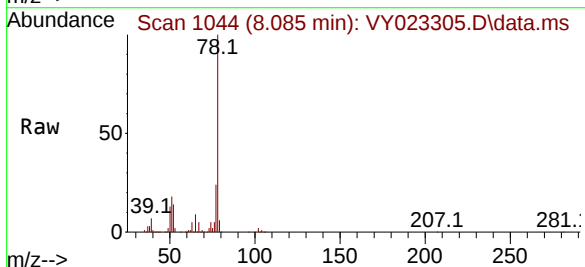
Acq: 08 Sep 2025 11:01

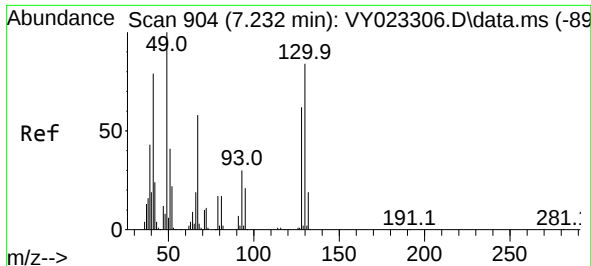
Tgt Ion: 78 Resp: 435169

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6

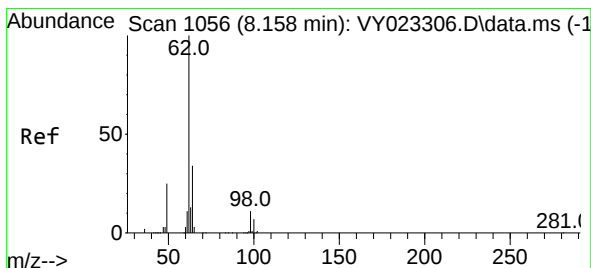
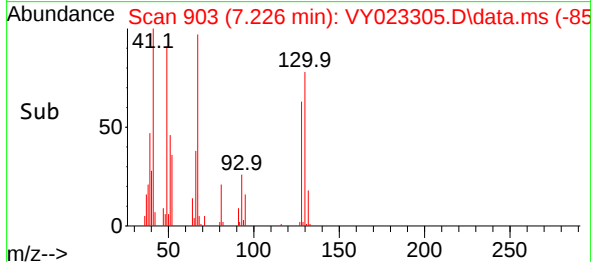
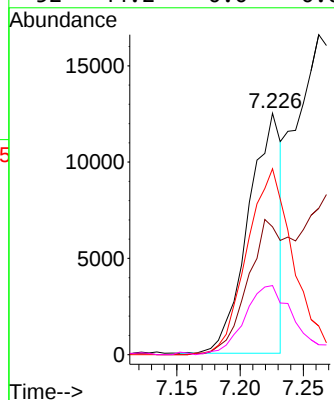
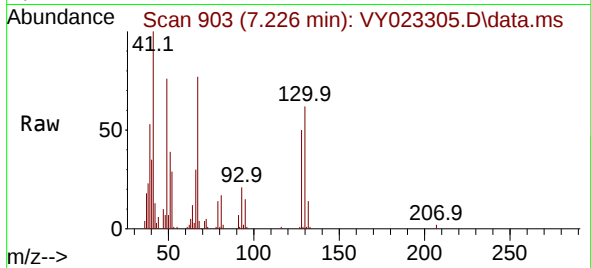




#41
Methacrylonitrile
Concen: 15.006 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

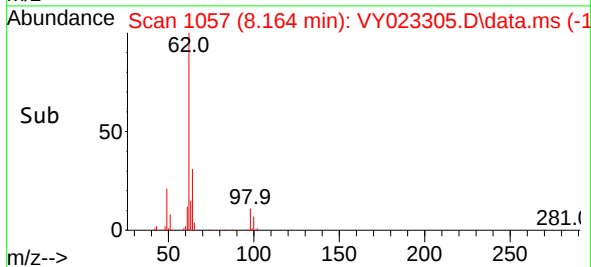
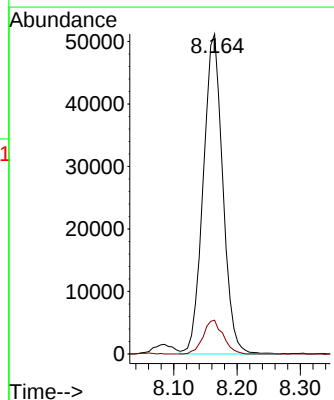
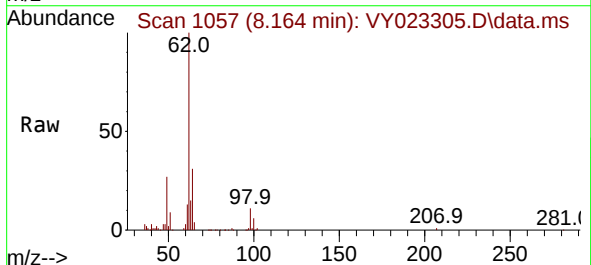
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

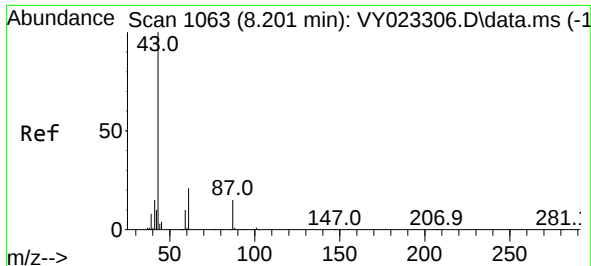
Tgt Ion: 41 Resp: 22580
Ion Ratio Lower Upper
41 100
39 75.5 56.1 84.1
67 110.5 0.0 0.0#
52 44.2 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 20.412 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

Tgt Ion: 62 Resp: 109981
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.6

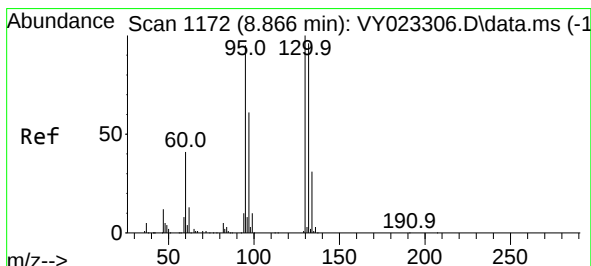
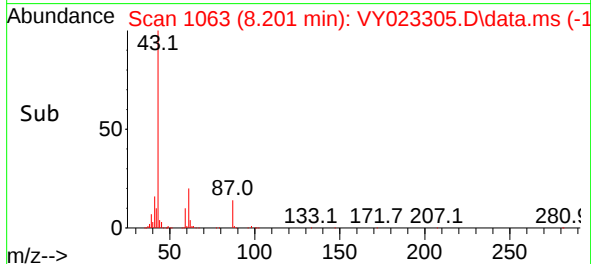
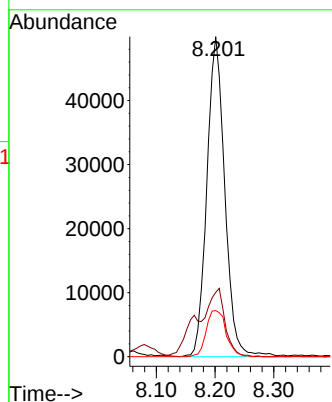
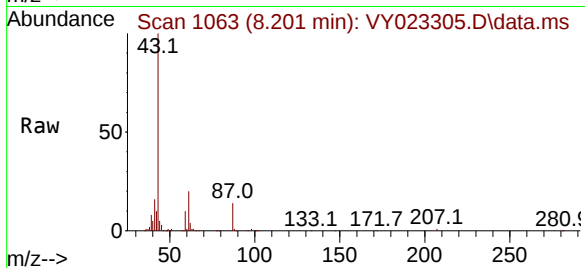




#43
Isopropyl Acetate
Concen: 20.089 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

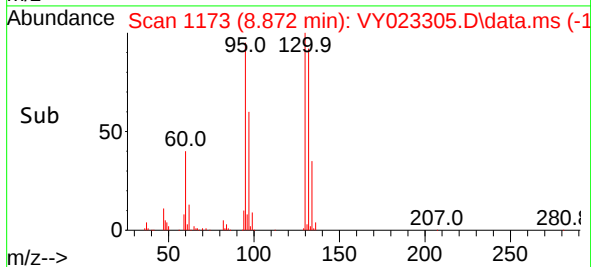
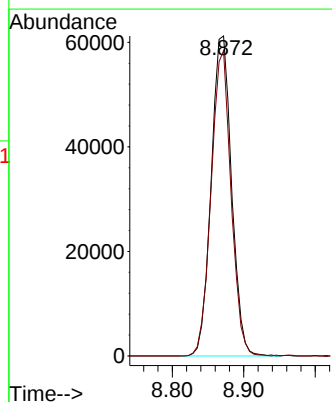
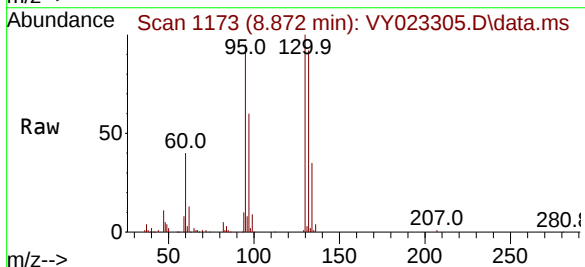
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

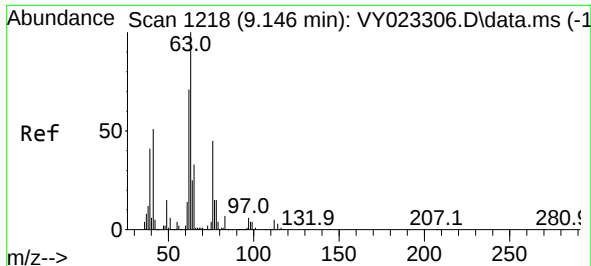
Tgt Ion: 43 Resp: 105821
Ion Ratio Lower Upper
43 100
61 21.0 17.1 25.7
87 15.9 12.6 18.8



#44
Trichloroethene
Concen: 20.567 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

Tgt Ion:130 Resp: 121229
Ion Ratio Lower Upper
130 100
95 95.4 0.0 189.8





#45

1,2-Dichloropropane

Concen: 20.650 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY023305.D

Acq: 08 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

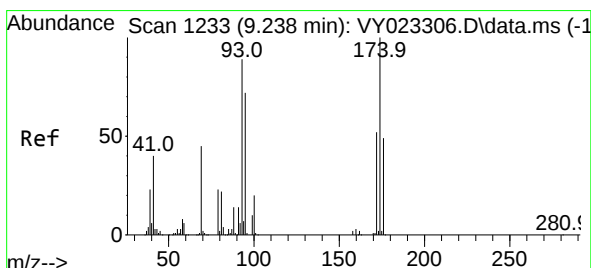
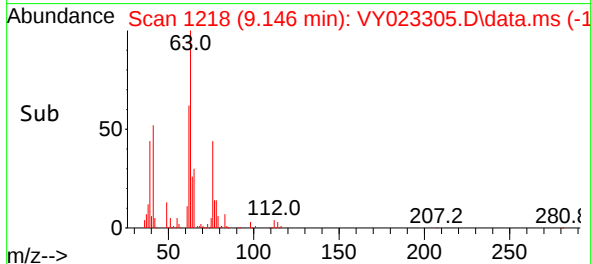
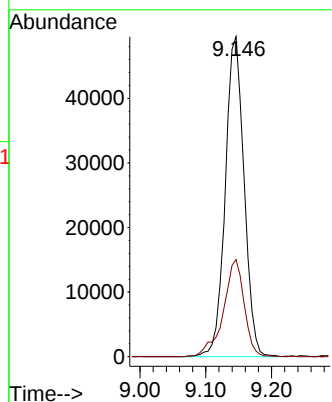
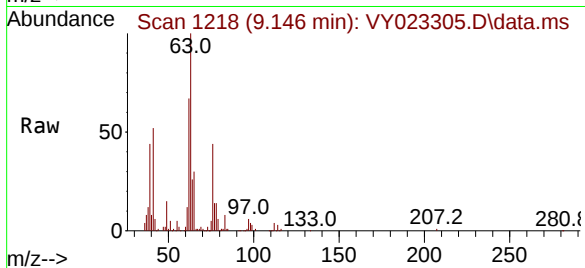
VSTDIC020

Tgt Ion: 63 Resp: 98694

Ion Ratio Lower Upper

63 100

65 30.4 26.4 39.6



#46

Dibromomethane

Concen: 20.463 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY023305.D

Acq: 08 Sep 2025 11:01

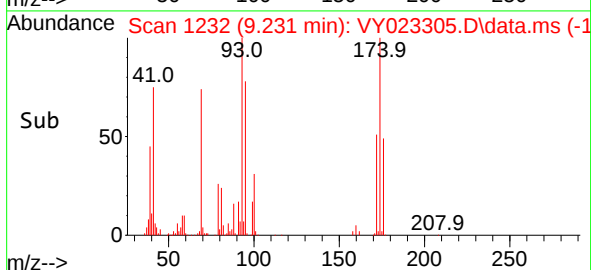
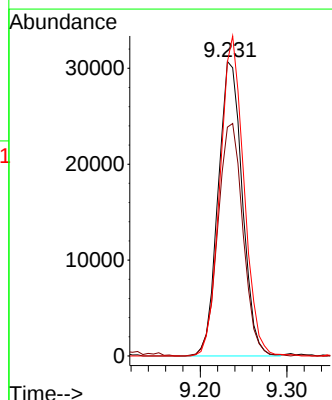
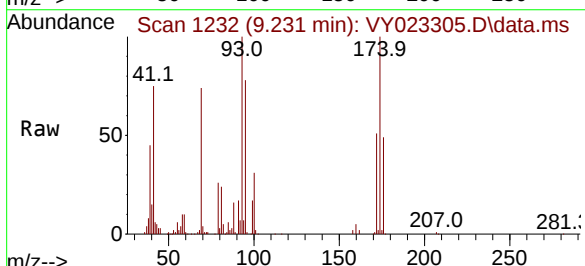
Tgt Ion: 93 Resp: 59559

Ion Ratio Lower Upper

93 100

95 81.8 65.8 98.6

174 107.5 86.0 129.0





#47

Bromodichloromethane

Concen: 20.259 ug/l

RT: 9.426 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023305.D

Acq: 08 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

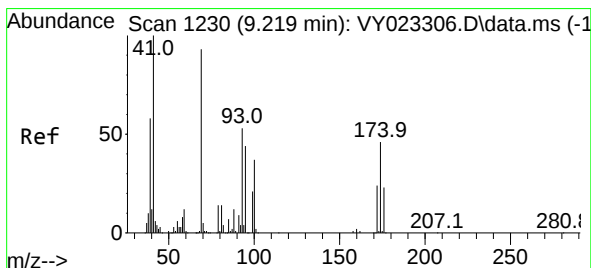
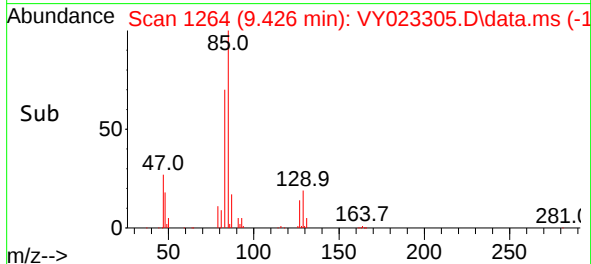
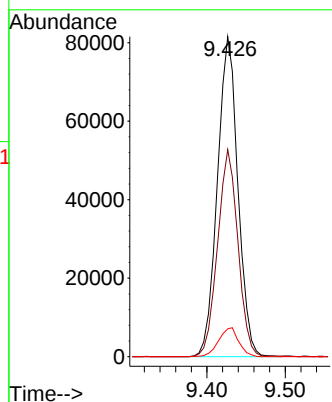
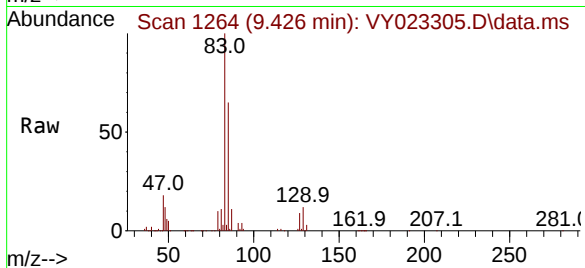
Tgt Ion: 83 Resp: 148346

Ion Ratio Lower Upper

83 100

85 64.7 51.5 77.3

127 8.7 7.2 10.8



#48

Methyl methacrylate

Concen: 20.104 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY023305.D

Acq: 08 Sep 2025 11:01

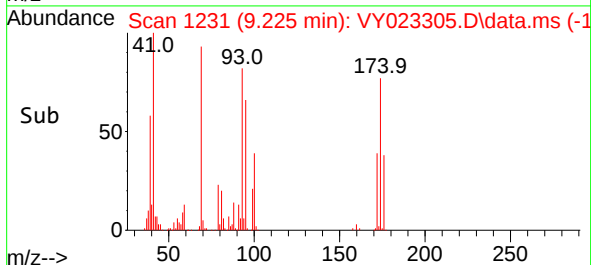
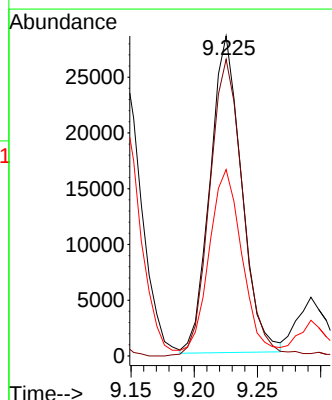
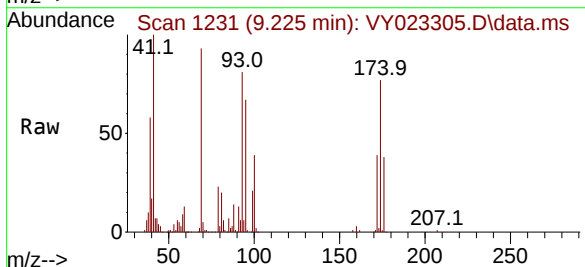
Tgt Ion: 41 Resp: 49361

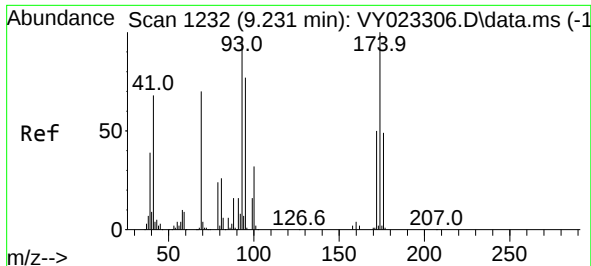
Ion Ratio Lower Upper

41 100

69 99.0 77.8 116.8

39 58.0 45.9 68.9





#49

1,4-Dioxane

Concen: 386.213 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023305.D

Acq: 08 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

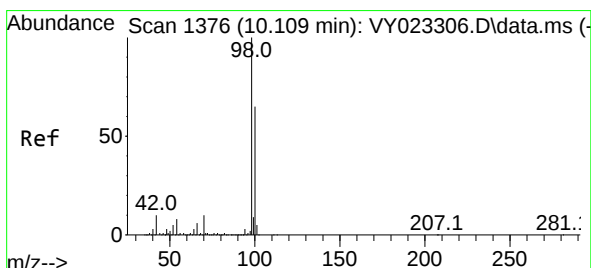
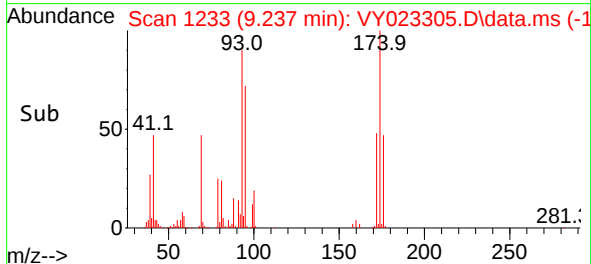
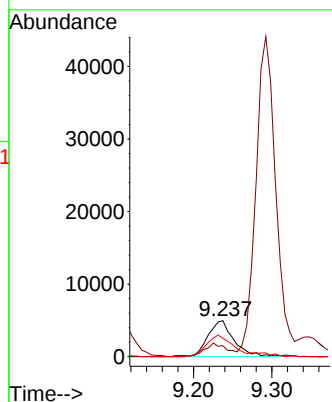
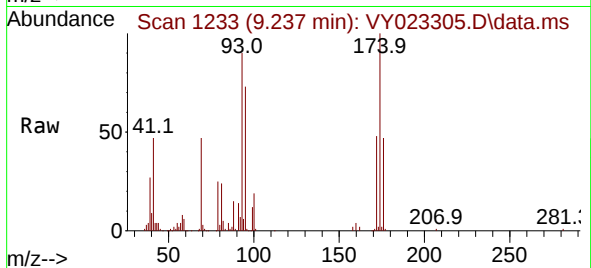
Tgt Ion: 88 Resp: 11411

Ion Ratio Lower Upper

88 100

43 29.9 24.6 37.0

58 62.1 48.0 72.0



#50

Toluene-d8

Concen: 20.377 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY023305.D

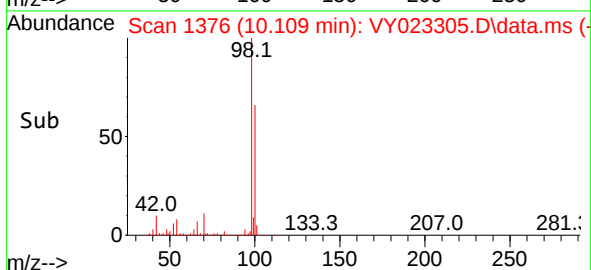
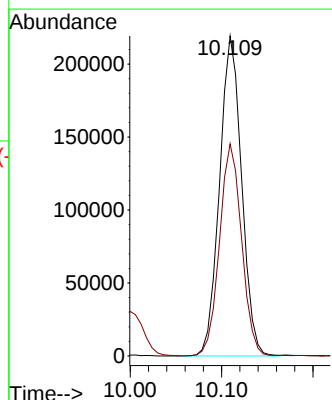
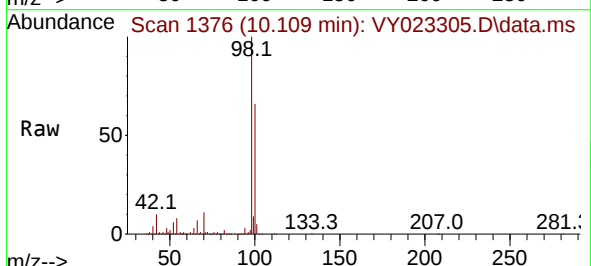
Acq: 08 Sep 2025 11:01

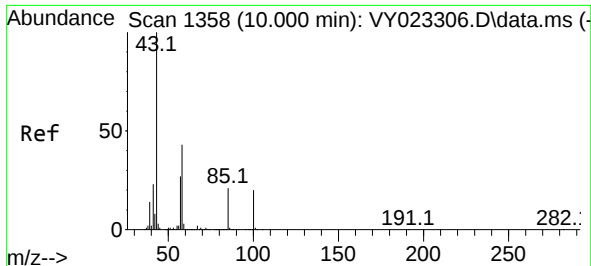
Tgt Ion: 98 Resp: 367821

Ion Ratio Lower Upper

98 100

100 66.1 52.7 79.1

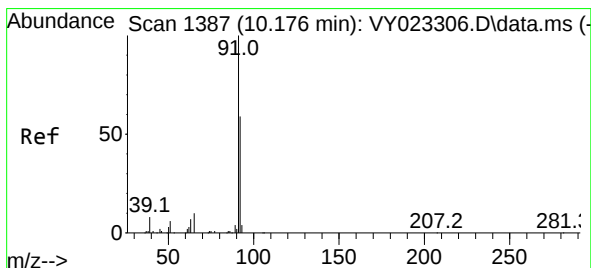
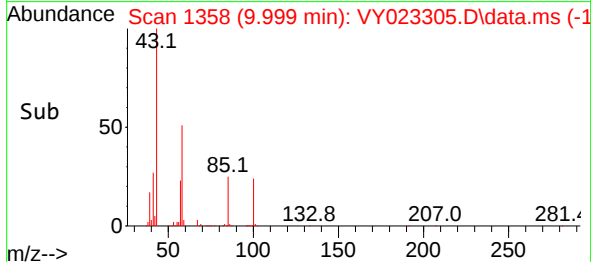
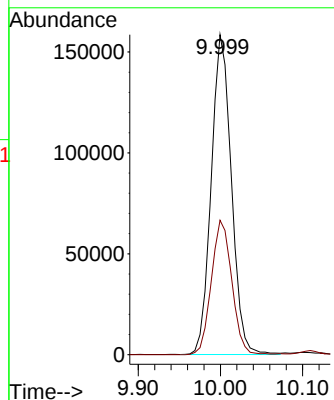
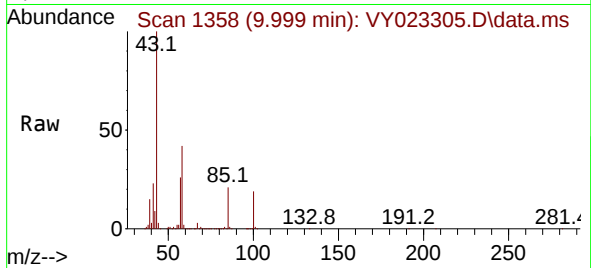




#51
4-Methyl-2-Pentanone
Concen: 100.283 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

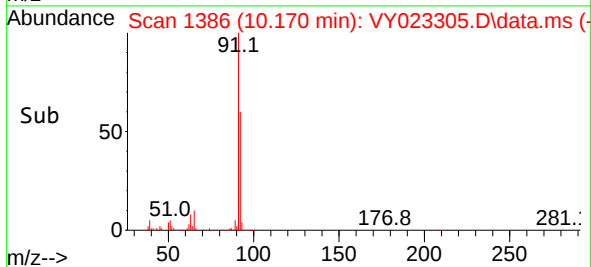
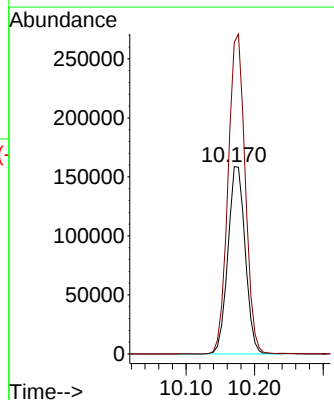
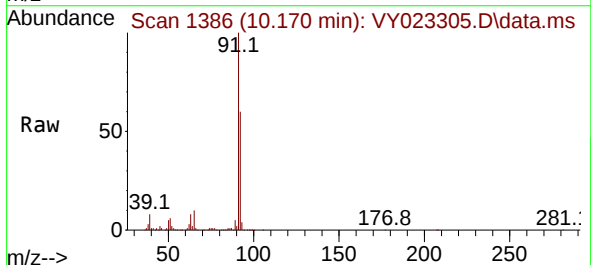
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

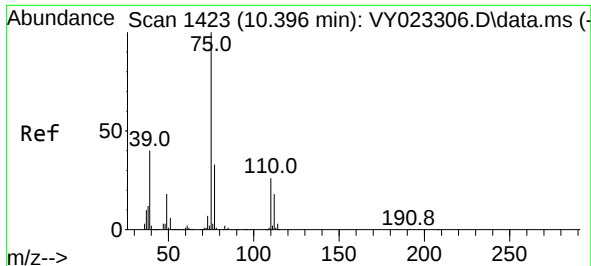
Tgt Ion: 43 Resp: 270262
Ion Ratio Lower Upper
43 100
58 42.7 34.6 52.0



#52
Toluene
Concen: 20.612 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

Tgt Ion: 92 Resp: 276811
Ion Ratio Lower Upper
92 100
91 169.6 136.6 204.8

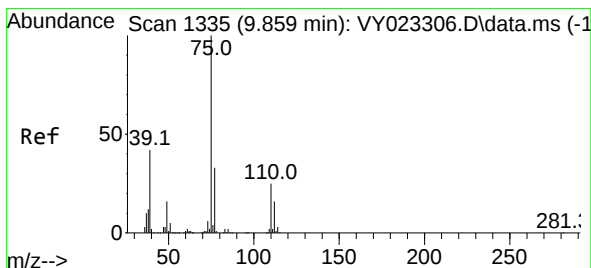
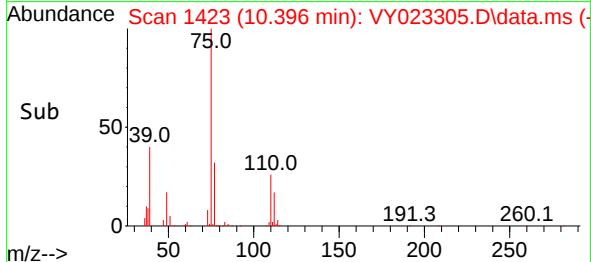
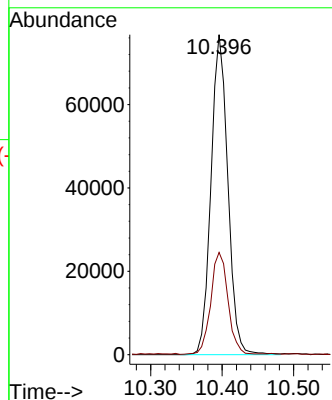
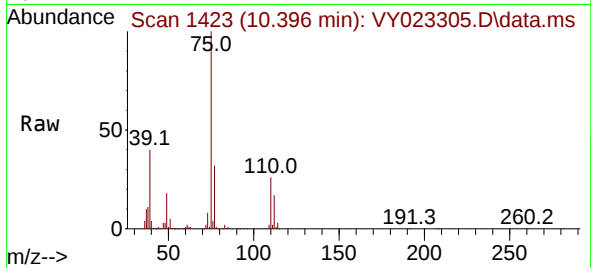




#53
t-1,3-Dichloropropene
Concen: 19.909 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

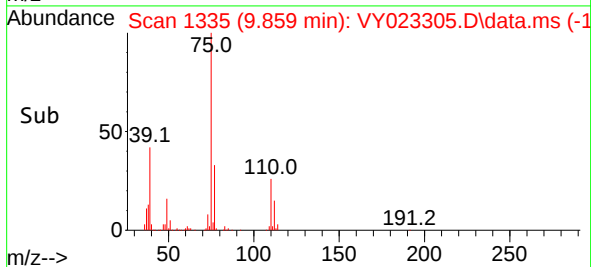
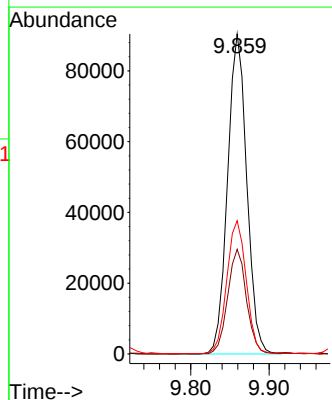
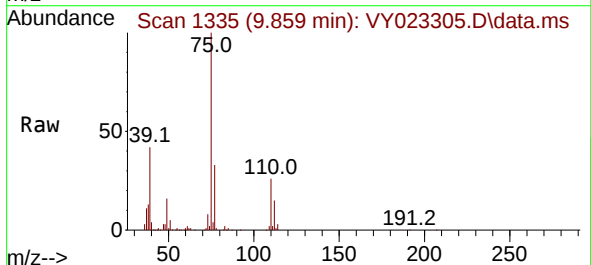
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

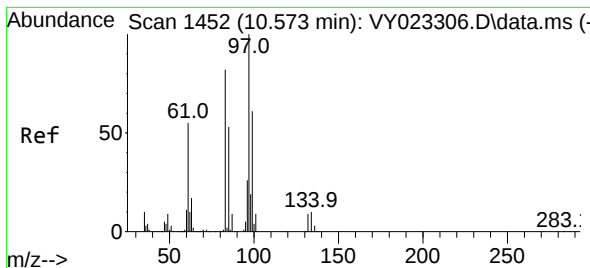
Tgt Ion: 75 Resp: 125515
Ion Ratio Lower Upper
75 100
77 31.9 26.0 39.0



#54
cis-1,3-Dichloropropene
Concen: 20.438 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

Tgt Ion: 75 Resp: 153964
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1
39 41.5 33.5 50.3

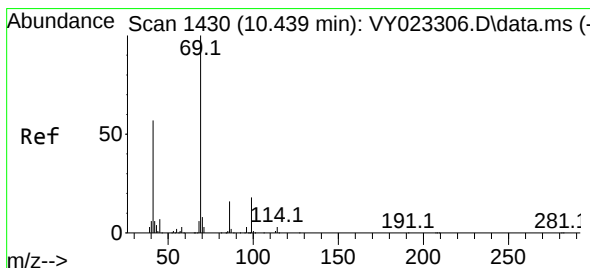
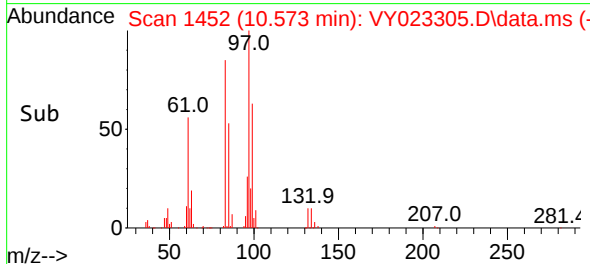
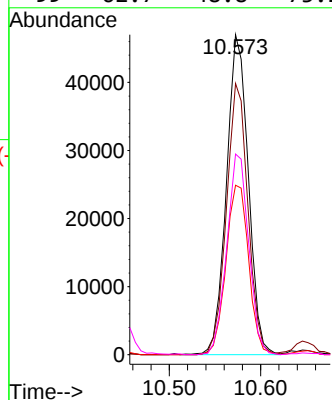
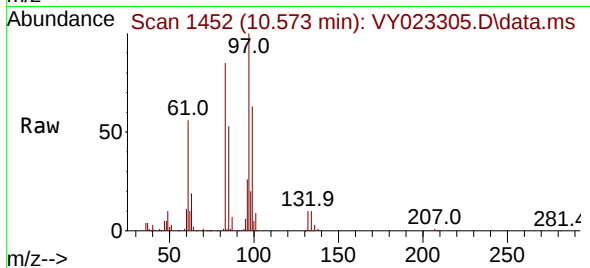




#55
1,1,2-Trichloroethane
Concen: 20.191 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

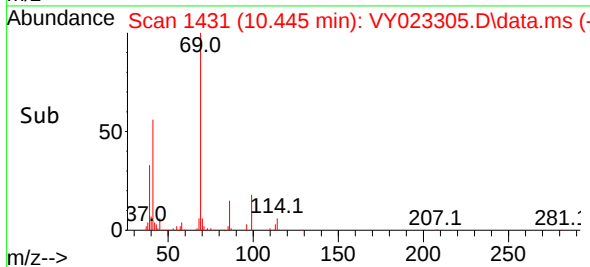
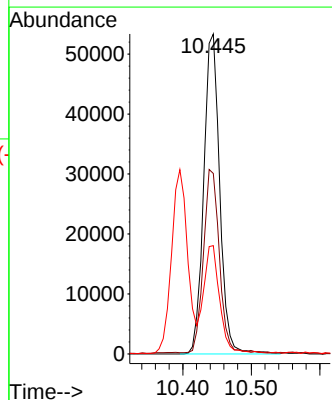
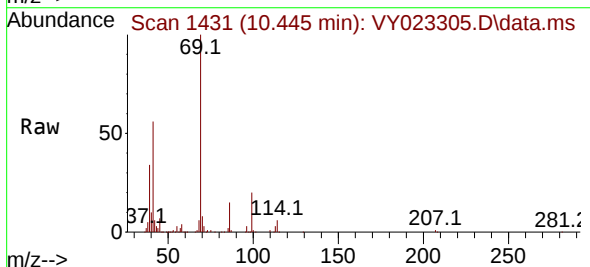
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

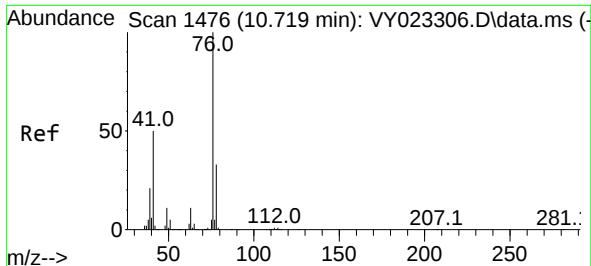
Tgt Ion:	97	Resp:	78175
Ion	Ratio	Lower	Upper
97	100		
83	84.8	65.3	97.9
85	53.0	42.6	63.8
99	62.7	48.8	73.2



#56
Ethyl methacrylate
Concen: 19.329 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

Tgt Ion:	69	Resp:	86701
Ion	Ratio	Lower	Upper
69	100		
41	56.4	45.9	68.9
39	33.5	26.2	39.4





#57

1,3-Dichloropropane

Concen: 20.498 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY023305.D

Acq: 08 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

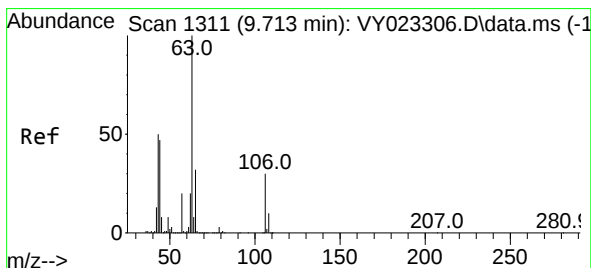
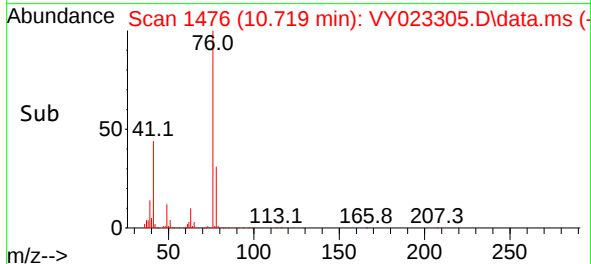
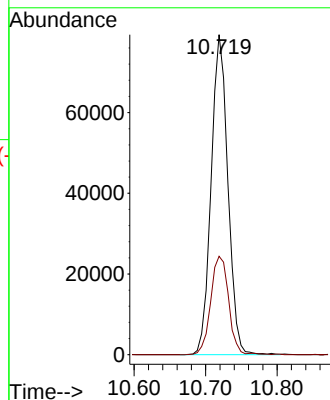
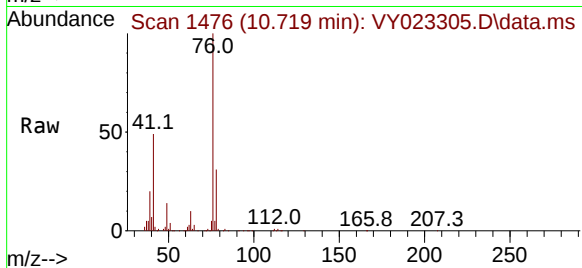
VSTDIC020

Tgt Ion: 76 Resp: 128839

Ion Ratio Lower Upper

76 100

78 32.9 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 92.857 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY023305.D

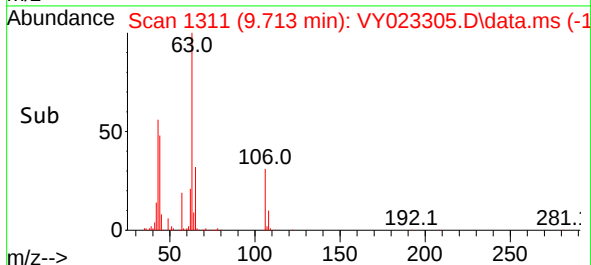
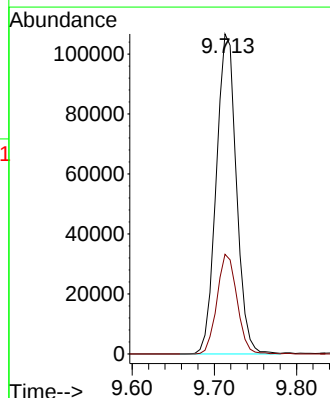
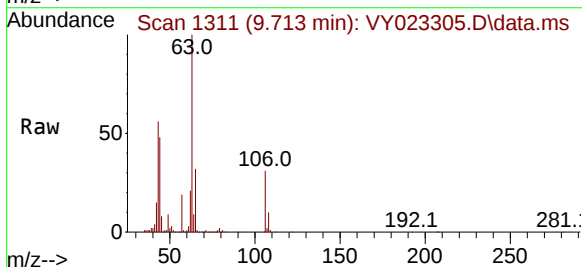
Acq: 08 Sep 2025 11:01

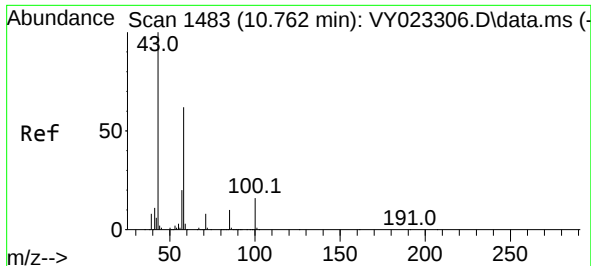
Tgt Ion: 63 Resp: 181539

Ion Ratio Lower Upper

63 100

106 30.9 24.9 37.3

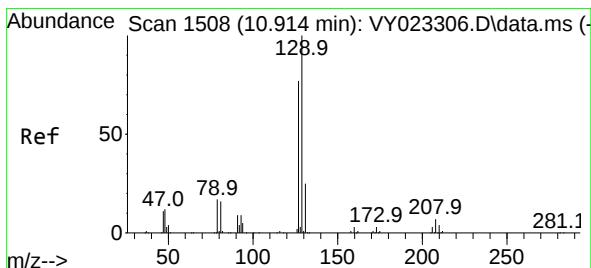
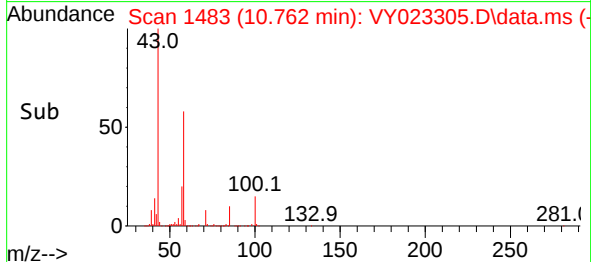
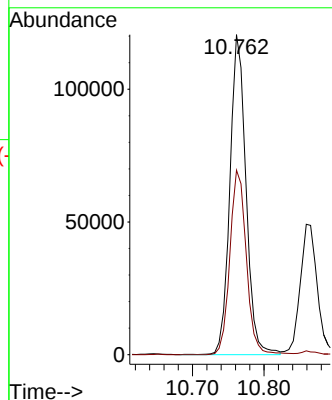
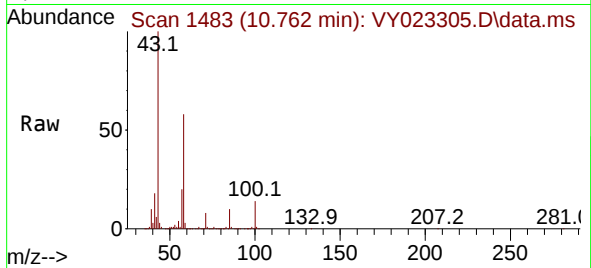




#59
2-Hexanone
Concen: 101.094 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

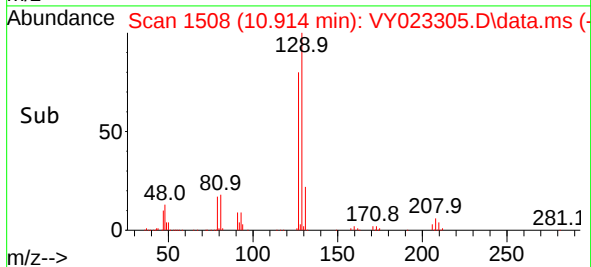
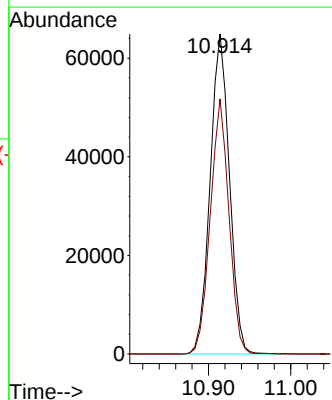
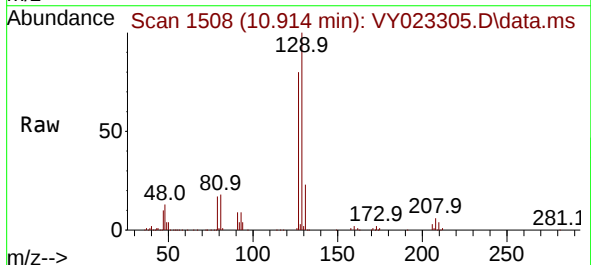
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

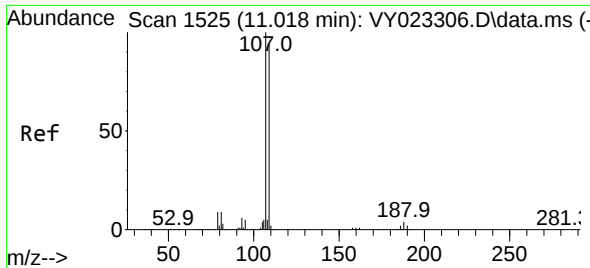
Tgt Ion: 43 Resp: 188342
Ion Ratio Lower Upper
43 100
58 59.1 30.6 91.6



#60
Dibromochloromethane
Concen: 20.155 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

Tgt Ion: 129 Resp: 105879
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8

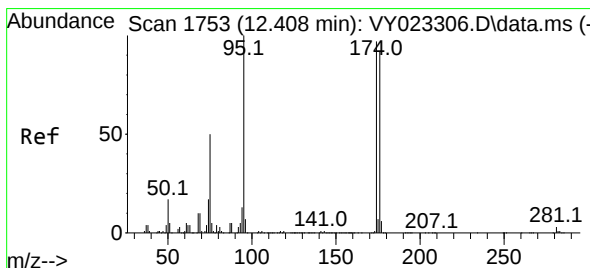
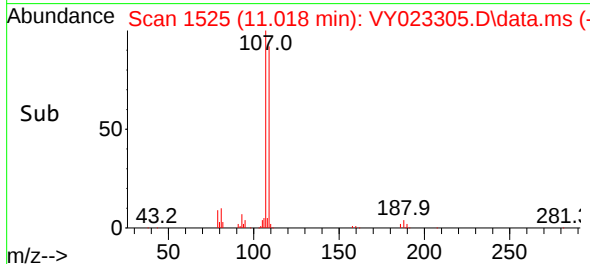
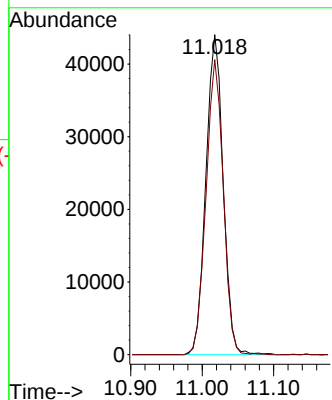
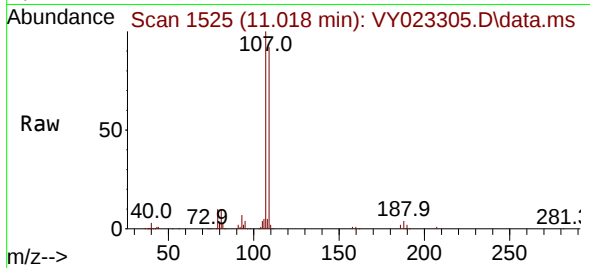




#61
1,2-Dibromoethane
Concen: 20.358 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

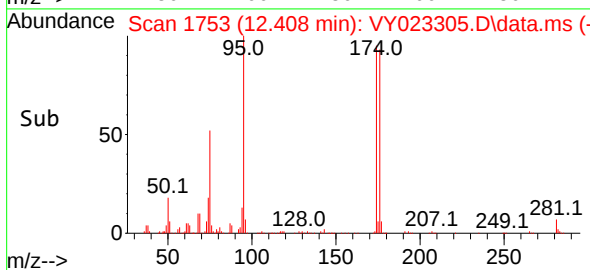
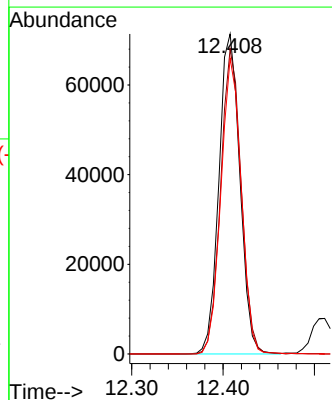
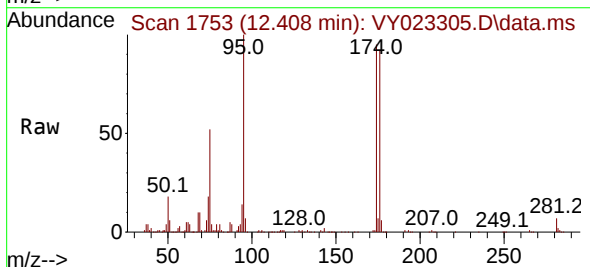
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

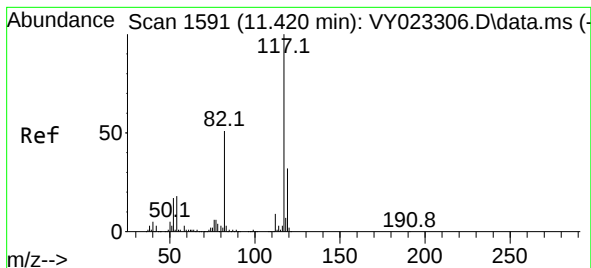
Tgt Ion:107 Resp: 73861
Ion Ratio Lower Upper
107 100
109 92.1 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 20.011 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

Tgt Ion: 95 Resp: 113674
Ion Ratio Lower Upper
95 100
174 93.4 0.0 184.0
176 90.0 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023305.D

Acq: 08 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

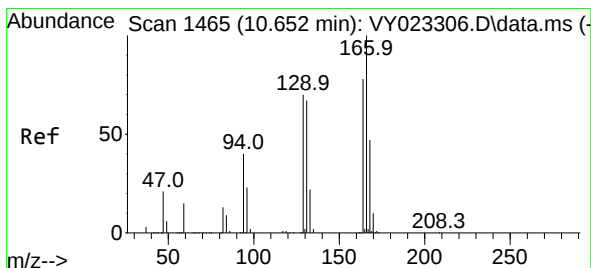
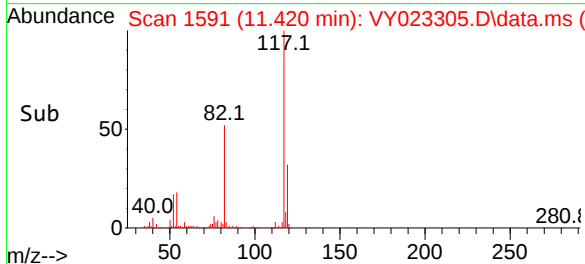
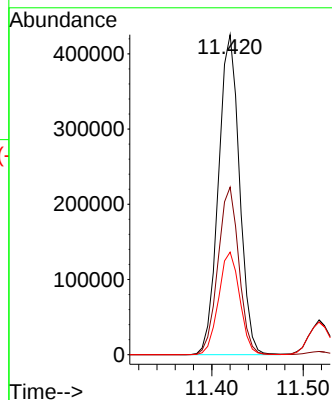
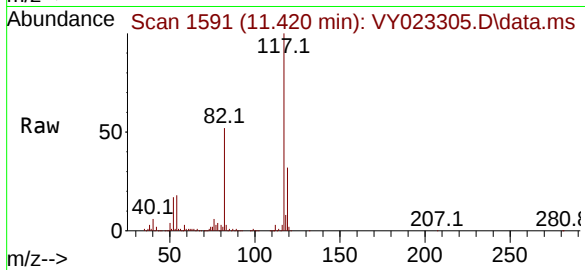
Tgt Ion:117 Resp: 680751

Ion Ratio Lower Upper

117 100

82 52.4 41.0 61.4

119 32.0 25.5 38.3



#64

Tetrachloroethene

Concen: 21.931 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY023305.D

Acq: 08 Sep 2025 11:01

Tgt Ion:164 Resp: 148800

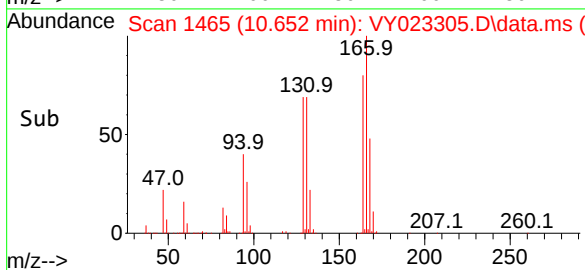
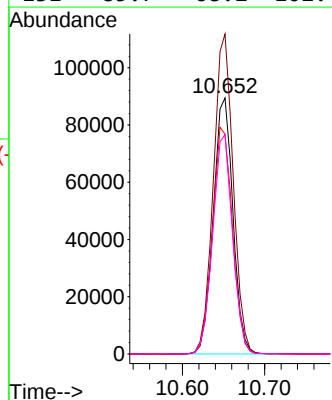
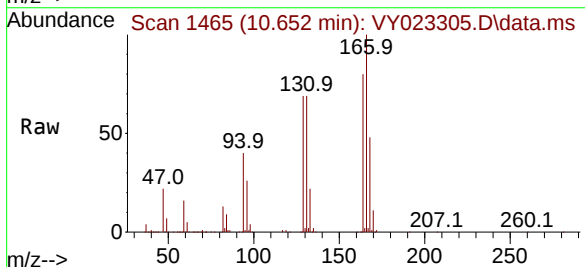
Ion Ratio Lower Upper

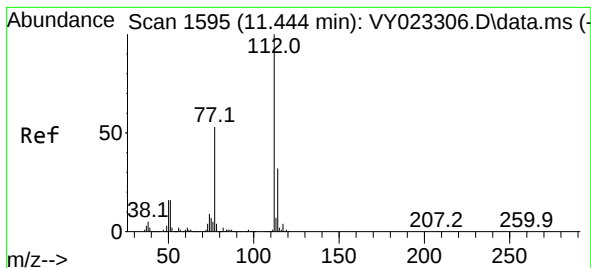
164 100

166 125.0 102.0 153.0

129 85.8 71.2 106.8

131 85.7 68.2 102.4





#65

Chlorobenzene

Concen: 20.531 ug/l

RT: 11.444 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023305.D

Acq: 08 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

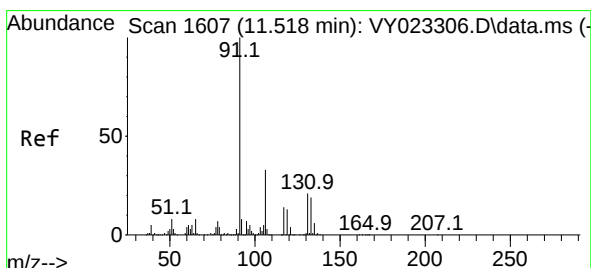
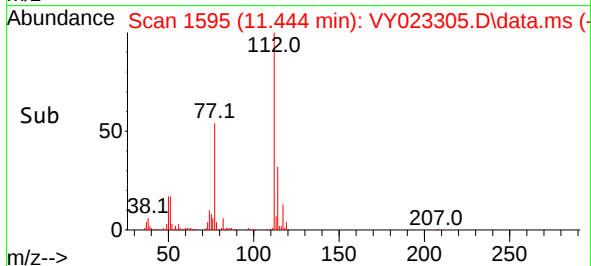
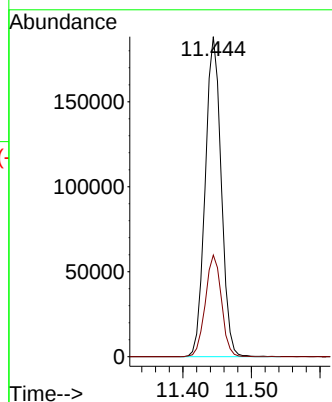
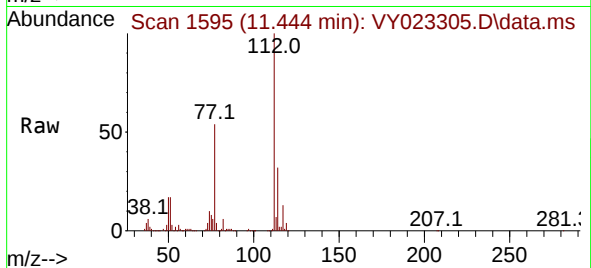
VSTDICC020

Tgt Ion:112 Resp: 306189

Ion Ratio Lower Upper

112 100

114 31.7 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 20.189 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023305.D

Acq: 08 Sep 2025 11:01

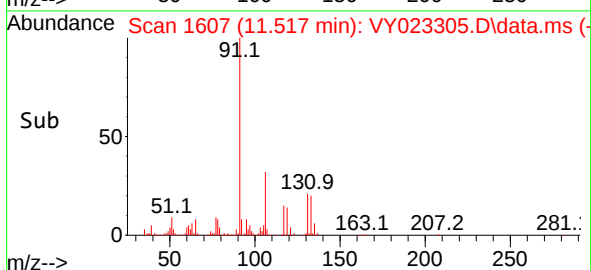
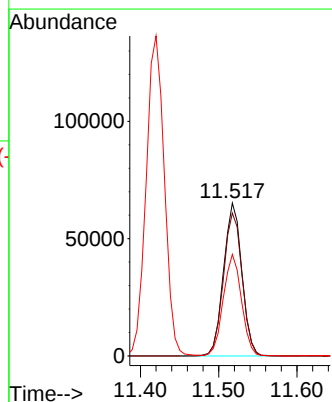
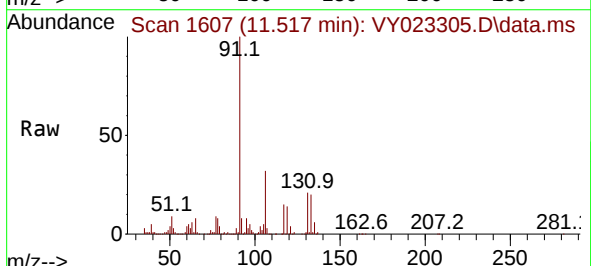
Tgt Ion:131 Resp: 105682

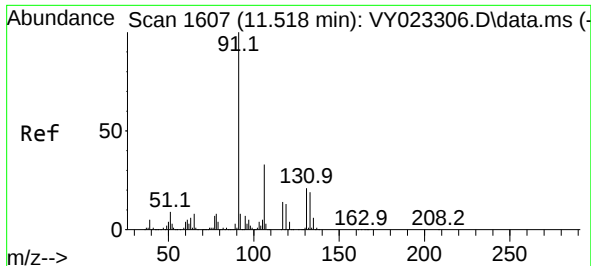
Ion Ratio Lower Upper

131 100

133 95.8 47.5 142.6

119 66.2 33.2 99.6





#67

Ethyl Benzene

Concen: 20.430 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY023305.D

Acq: 08 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

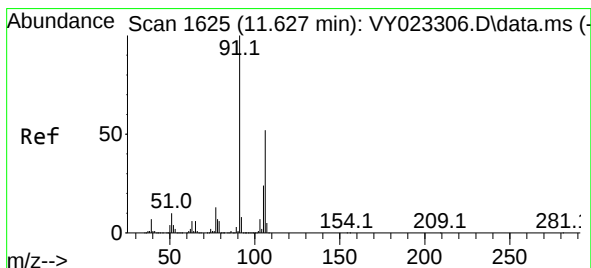
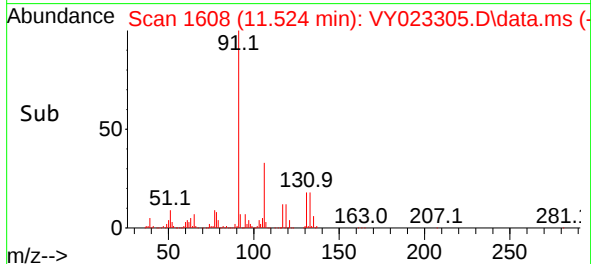
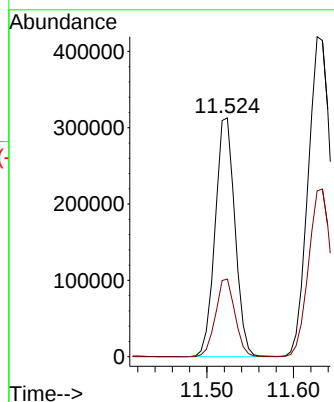
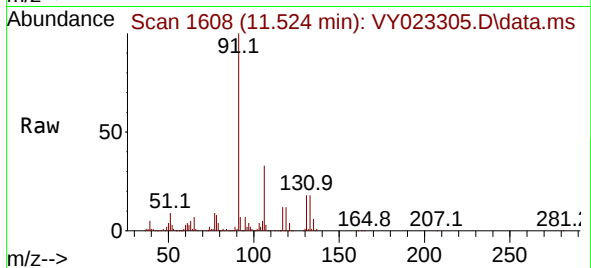
VSTDICC020

Tgt Ion: 91 Resp: 497762

Ion Ratio Lower Upper

91 100

106 32.5 26.1 39.1



#68

m/p-Xylenes

Concen: 41.202 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY023305.D

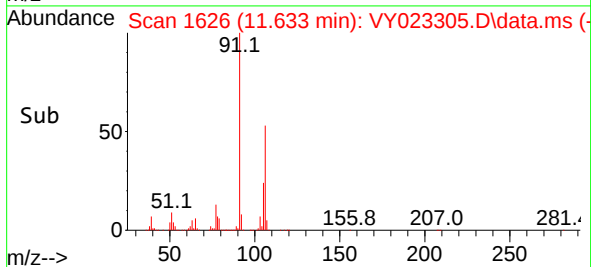
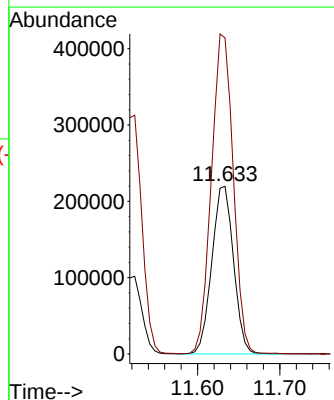
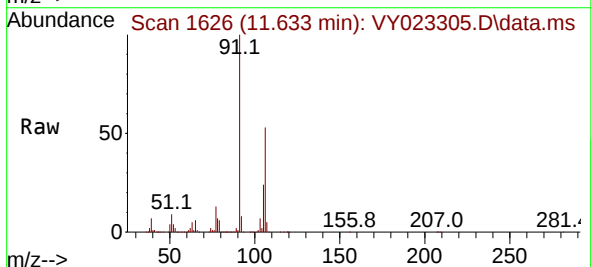
Acq: 08 Sep 2025 11:01

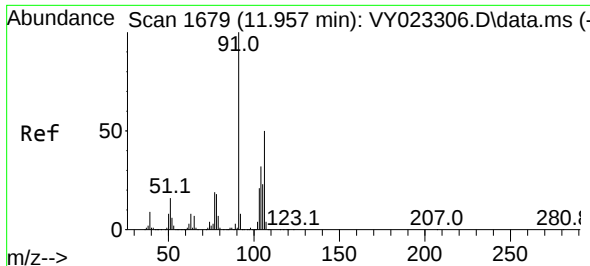
Tgt Ion:106 Resp: 401968

Ion Ratio Lower Upper

106 100

91 192.8 153.9 230.9

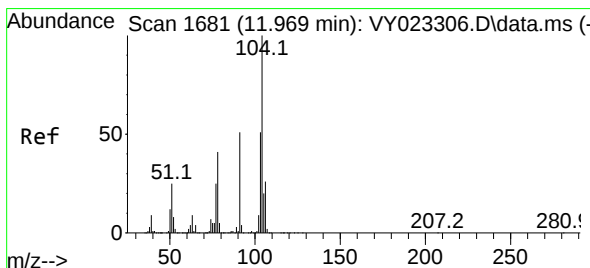
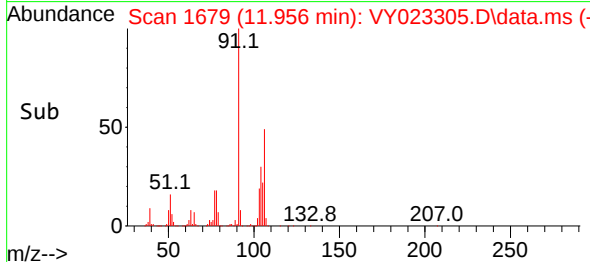
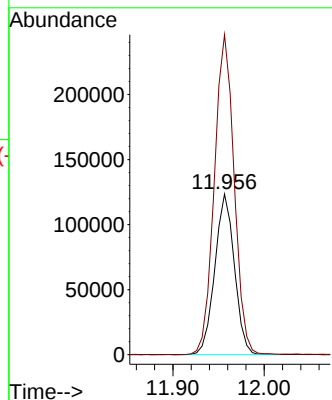
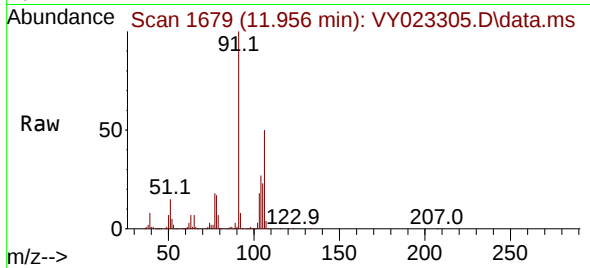




#69
o-Xylene
Concen: 20.387 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

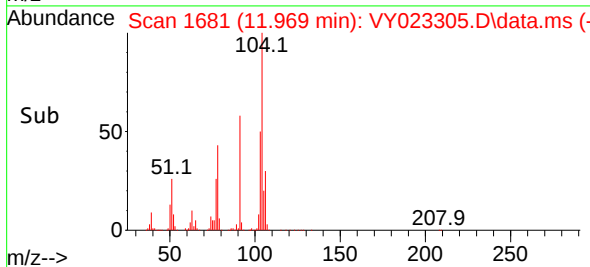
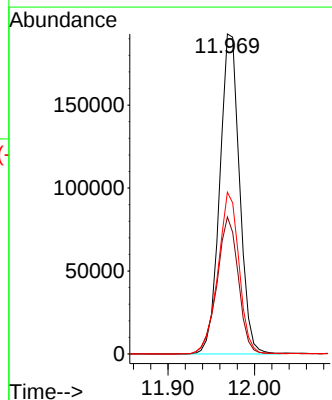
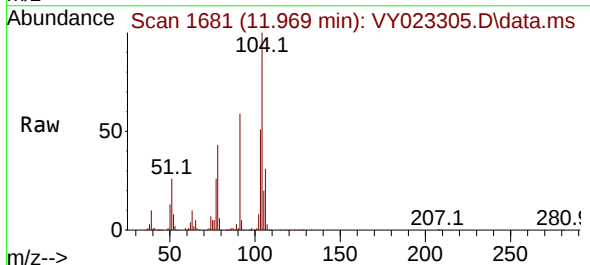
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

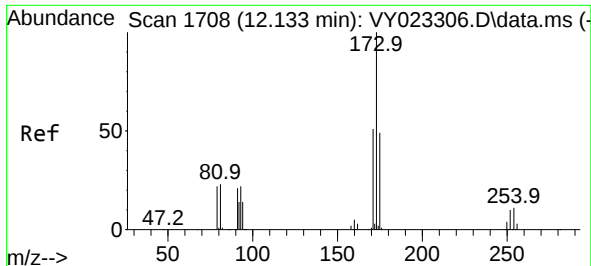
Tgt Ion:106 Resp: 184121
Ion Ratio Lower Upper
106 100
91 202.0 102.2 306.5



#70
Styrene
Concen: 20.496 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

Tgt Ion:104 Resp: 306789
Ion Ratio Lower Upper
104 100
78 46.2 36.0 54.0
103 54.0 43.2 64.8

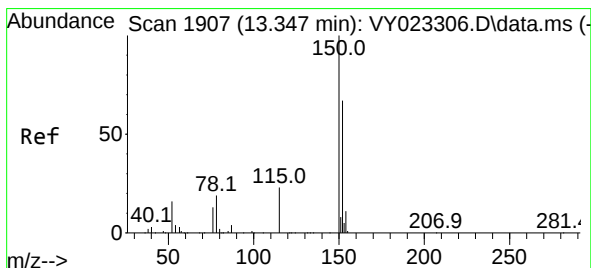
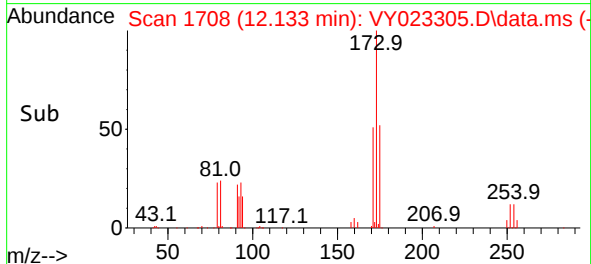
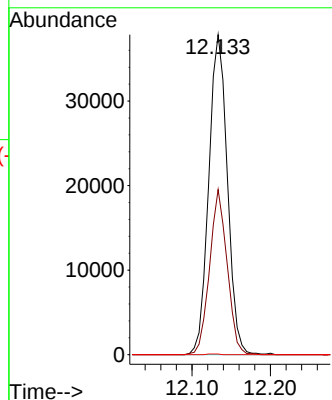
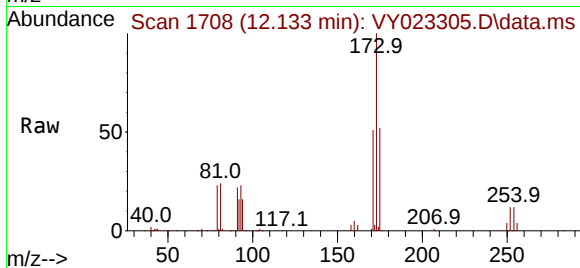




#71
Bromoform
Concen: 19.996 ug/l
RT: 12.133 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

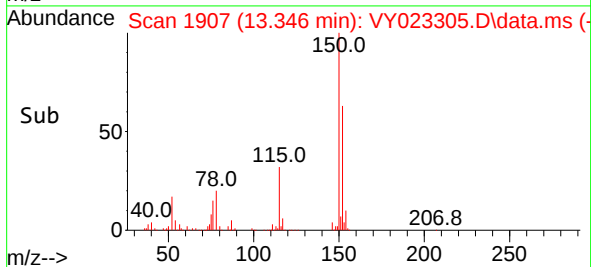
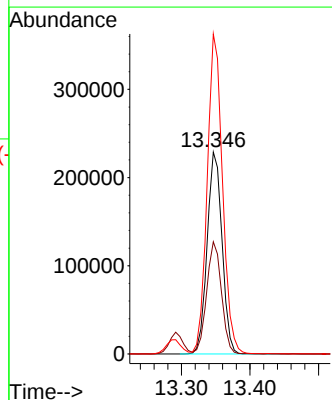
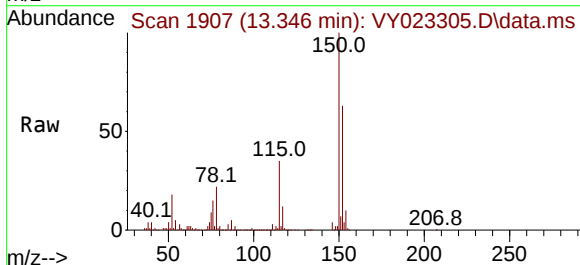
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

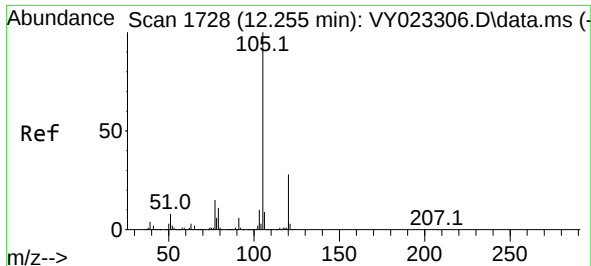
Tgt Ion:173 Resp: 62332
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.6
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

Tgt Ion:152 Resp: 346753
Ion Ratio Lower Upper
152 100
115 55.1 27.7 83.1
150 162.5 0.0 348.6

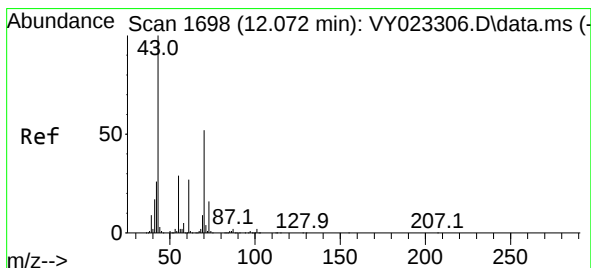
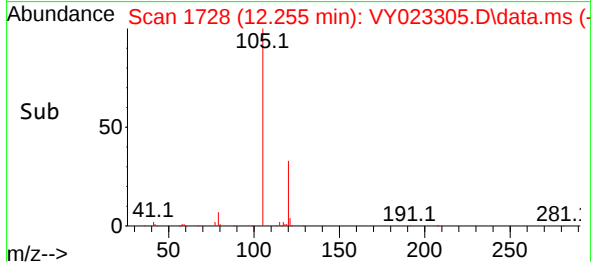
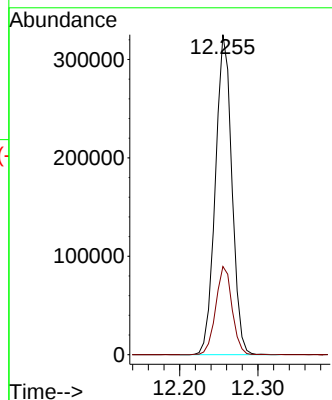
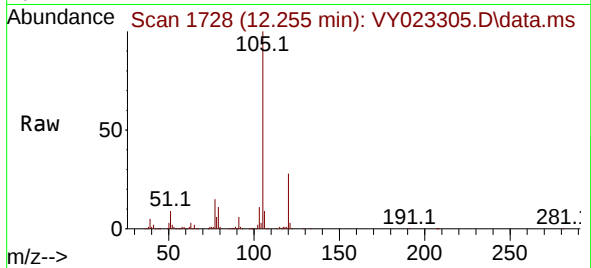




#73
Isopropylbenzene
Concen: 20.393 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

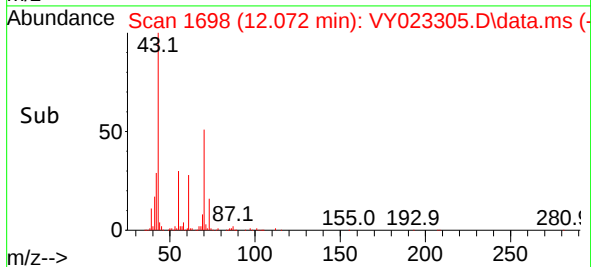
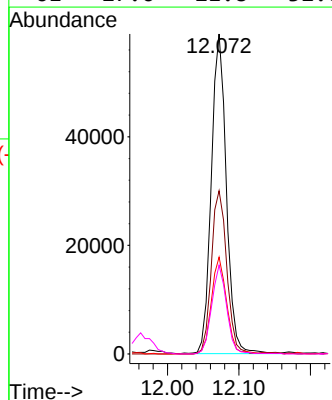
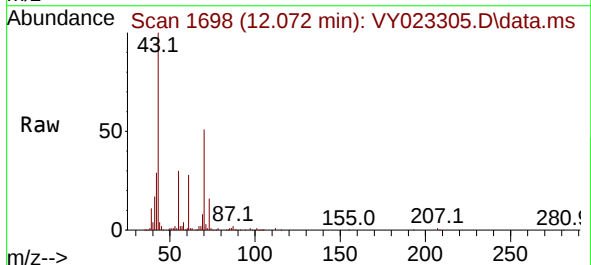
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

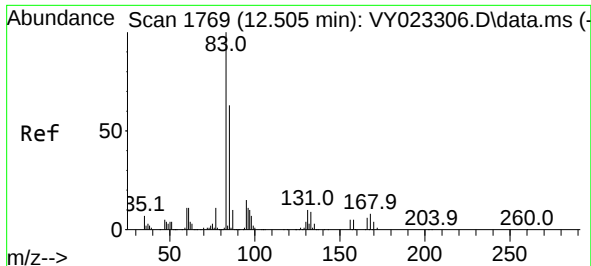
Tgt Ion:105 Resp: 476323
Ion Ratio Lower Upper
105 100
120 27.3 13.7 41.1



#74
N-ethyl acetate
Concen: 19.487 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

Tgt Ion: 43 Resp: 86035
Ion Ratio Lower Upper
43 100
70 52.2 41.0 61.4
55 30.7 23.3 34.9
61 27.6 21.8 32.6

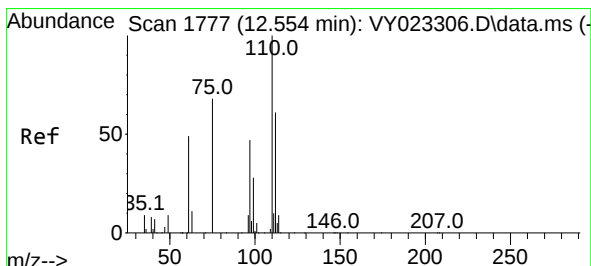
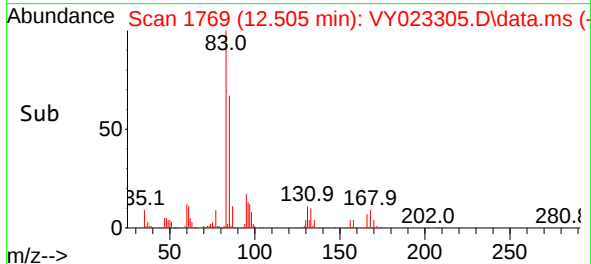
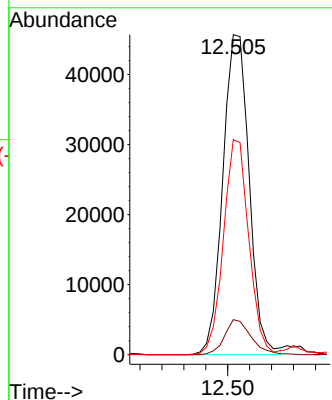
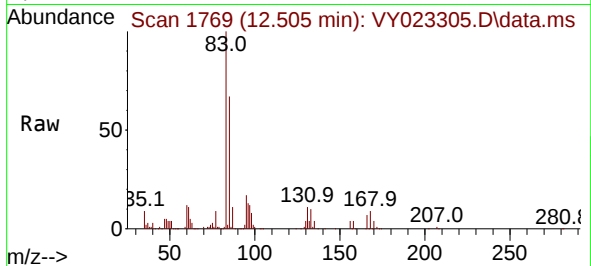




#75
1,1,2,2-Tetrachloroethane
Concen: 19.415 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

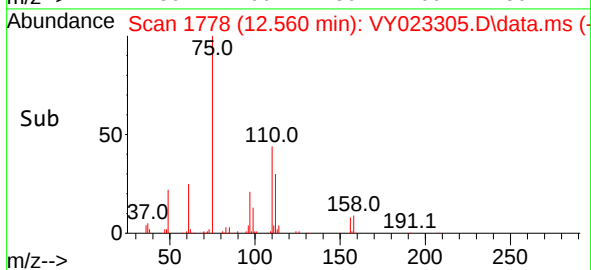
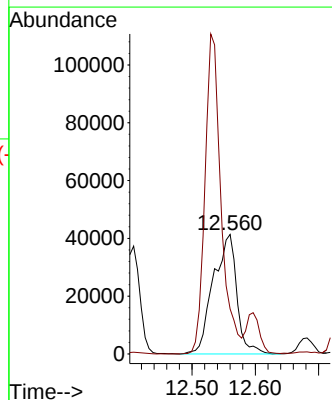
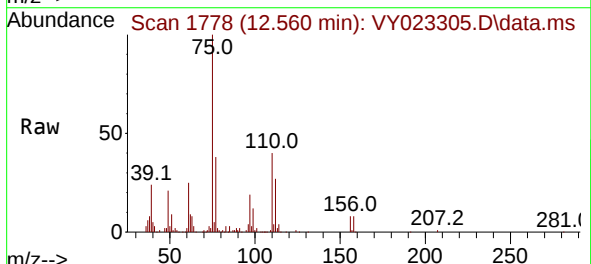
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

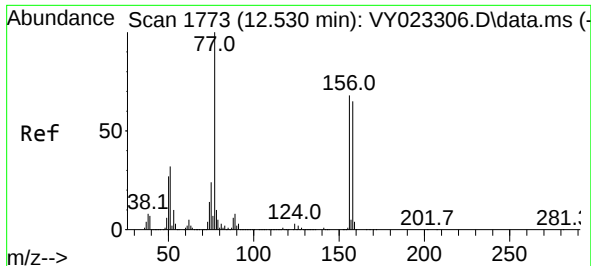
Tgt Ion: 83 Resp: 76107
Ion Ratio Lower Upper
83 100
131 11.1 5.5 16.7
85 64.7 31.9 95.5



#76
1,2,3-Trichloropropane
Concen: 27.829 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

Tgt Ion: 75 Resp: 106764
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

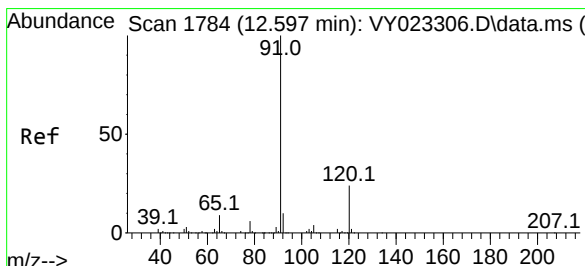
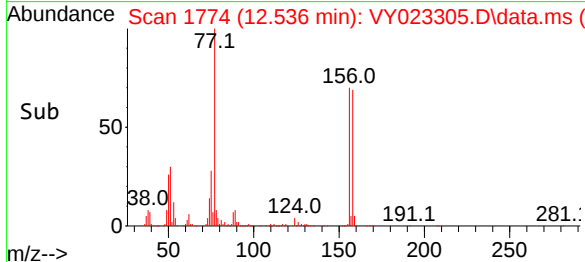
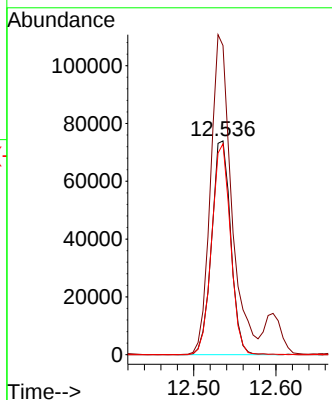
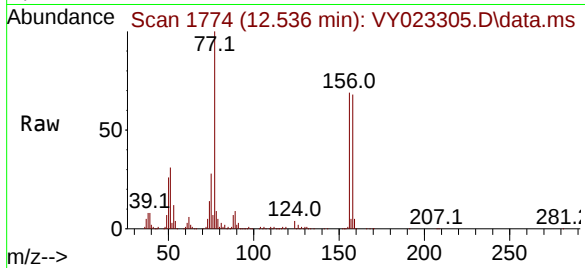




#77
Bromobenzene
Concen: 19.983 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

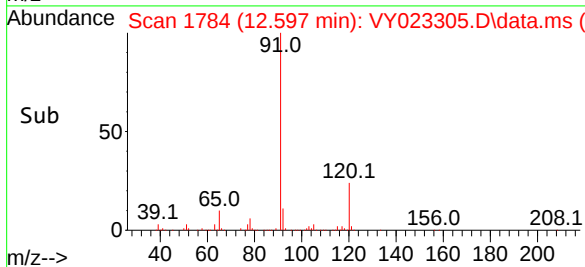
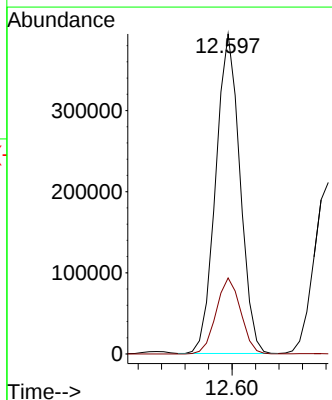
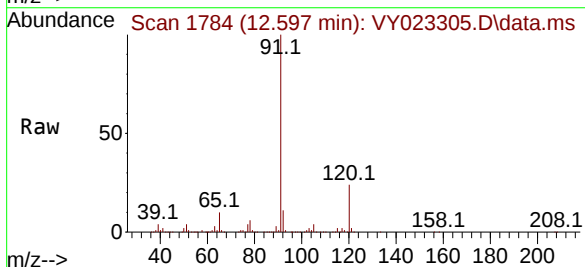
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

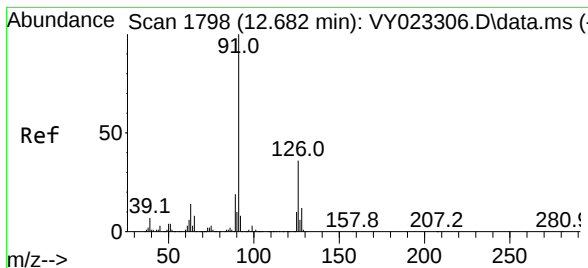
Tgt Ion:156 Resp: 119243
Ion Ratio Lower Upper
156 100
77 164.7 81.3 243.9
158 97.3 48.7 146.1



#78
n-propylbenzene
Concen: 20.541 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

Tgt Ion: 91 Resp: 565486
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.7

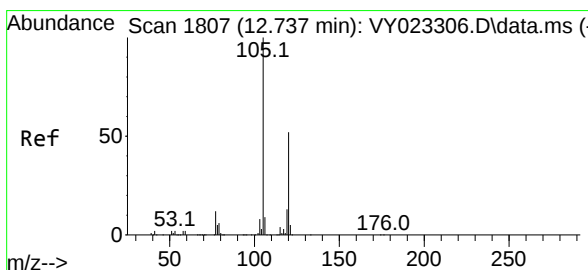
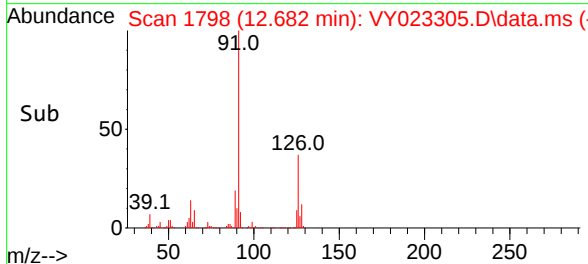
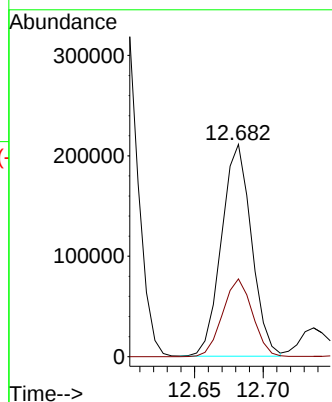
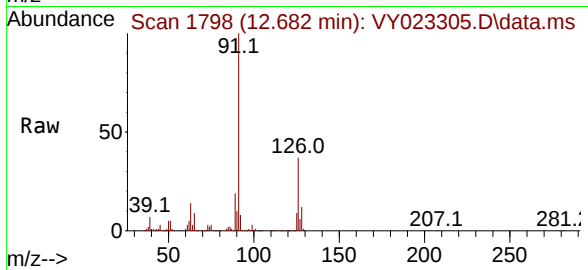




#79
2-Chlorotoluene
Concen: 20.322 ug/l
RT: 12.682 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

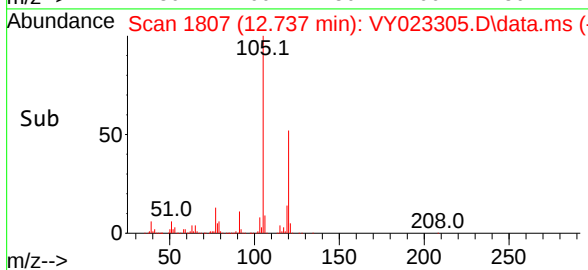
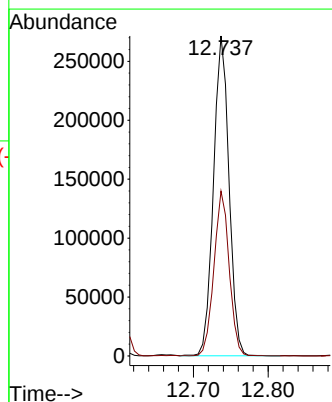
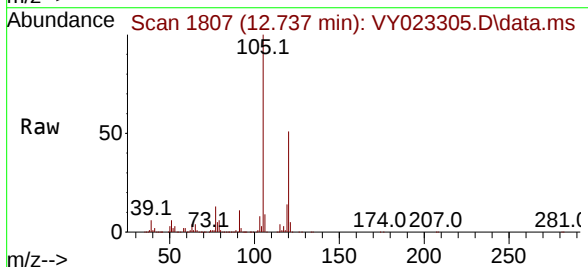
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

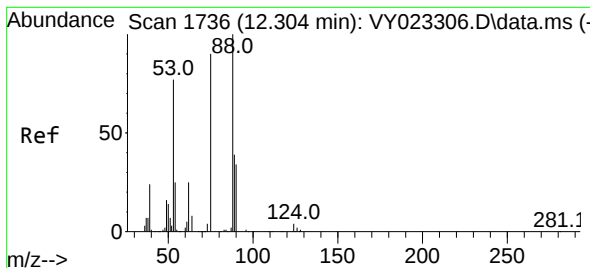
Tgt Ion: 91 Resp: 322223
Ion Ratio Lower Upper
91 100
126 36.6 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 20.678 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

Tgt Ion: 105 Resp: 392810
Ion Ratio Lower Upper
105 100
120 50.8 25.4 76.4

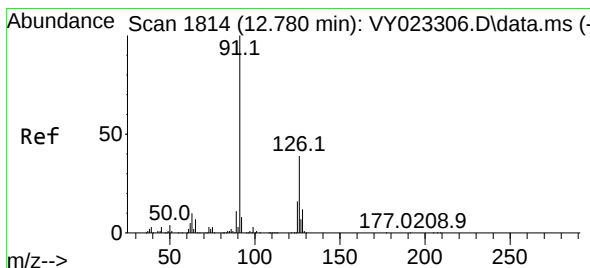
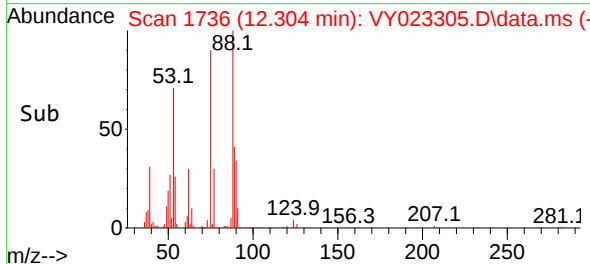
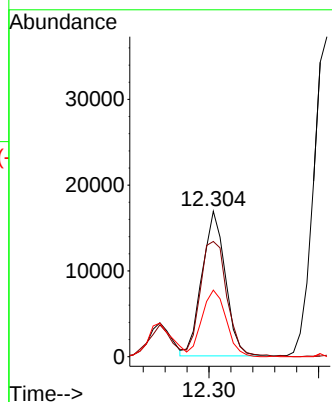
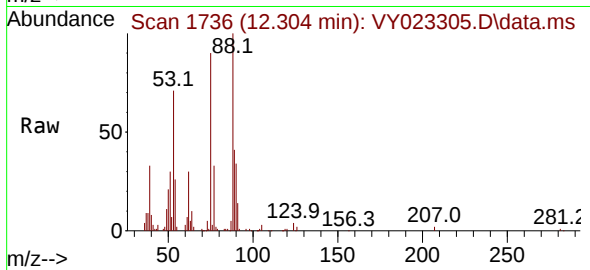




#81
trans-1,4-Dichloro-2-butene
Concen: 19.436 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

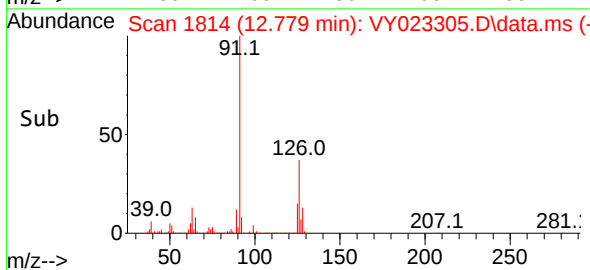
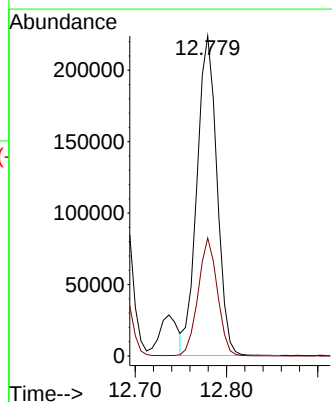
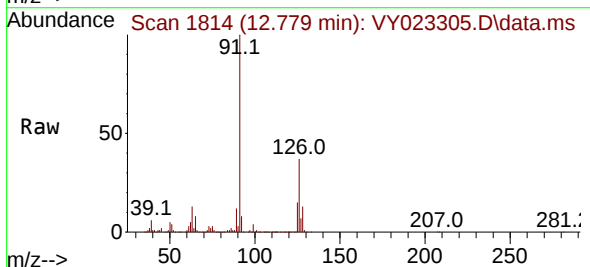
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

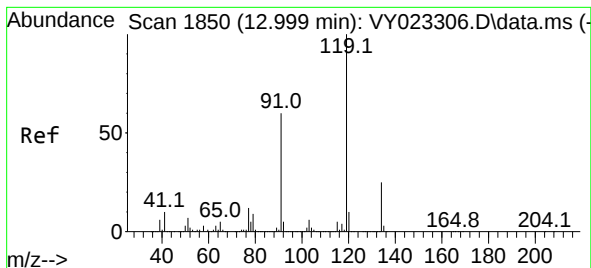
Tgt Ion: 75 Resp: 25026
Ion Ratio Lower Upper
75 100
53 91.1 70.9 106.3
89 47.7 37.4 56.2



#82
4-Chlorotoluene
Concen: 20.505 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

Tgt Ion: 91 Resp: 340201
Ion Ratio Lower Upper
91 100
126 35.8 18.3 54.9

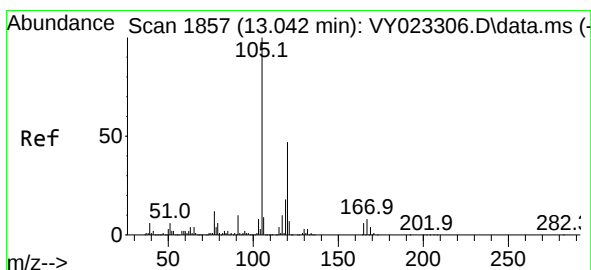
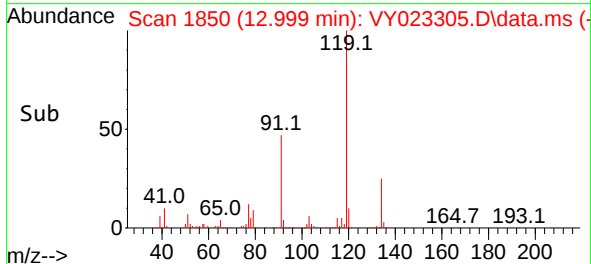
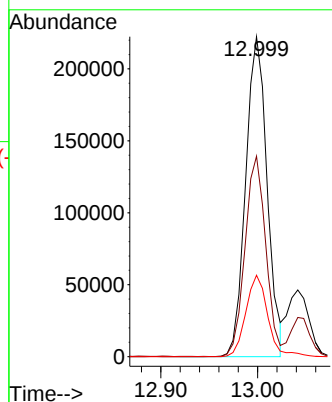
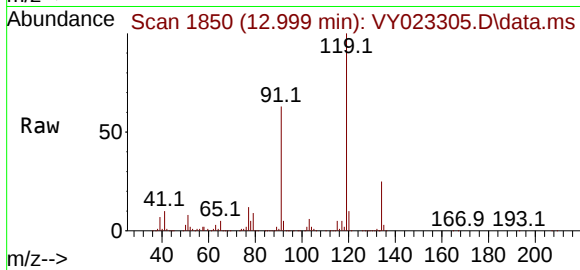




#83
tert-Butylbenzene
Concen: 19.937 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

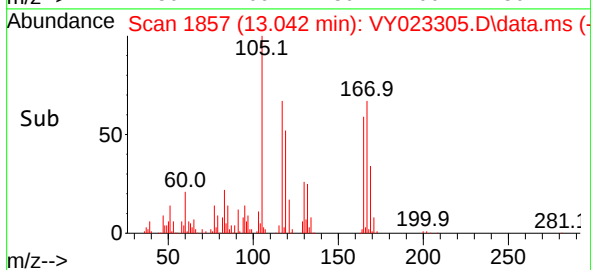
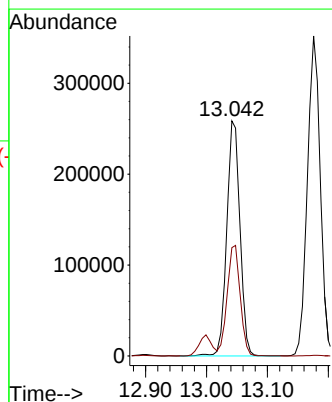
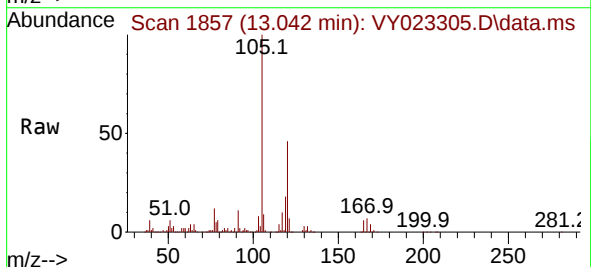
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

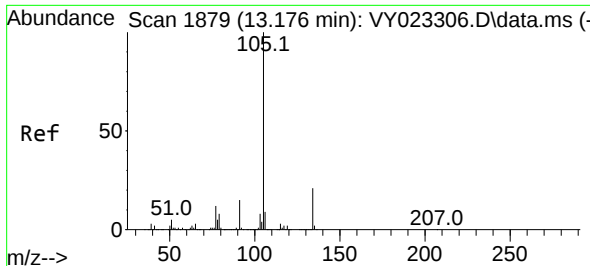
Tgt Ion:119 Resp: 343022
Ion Ratio Lower Upper
119 100
91 60.6 30.3 90.8
134 26.1 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 20.715 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

Tgt Ion:105 Resp: 389304
Ion Ratio Lower Upper
105 100
120 46.5 23.3 69.8

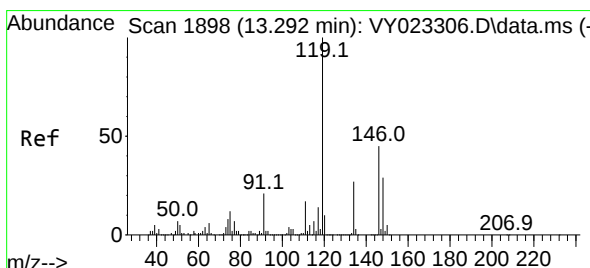
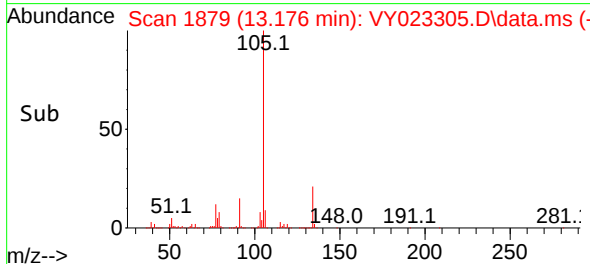
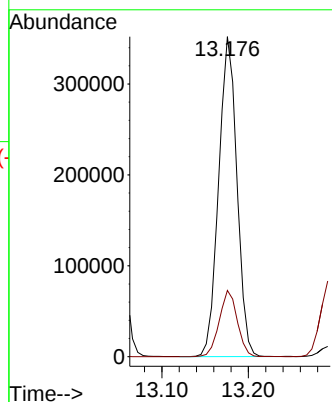
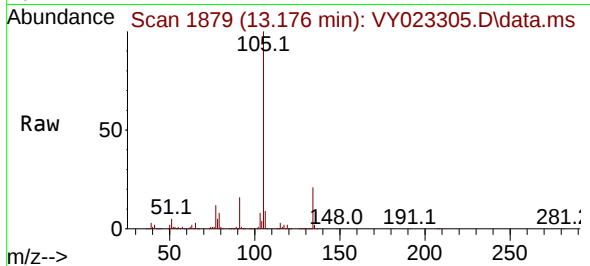




#85
 sec-Butylbenzene
 Concen: 20.579 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY023305.D
 Acq: 08 Sep 2025 11:01

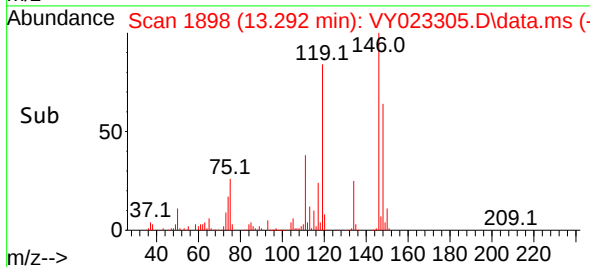
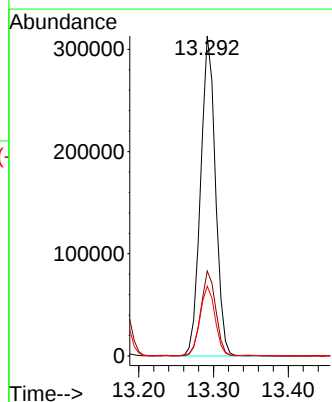
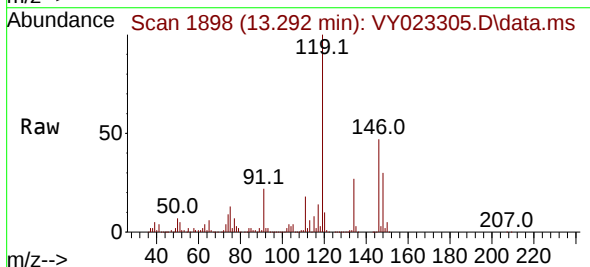
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

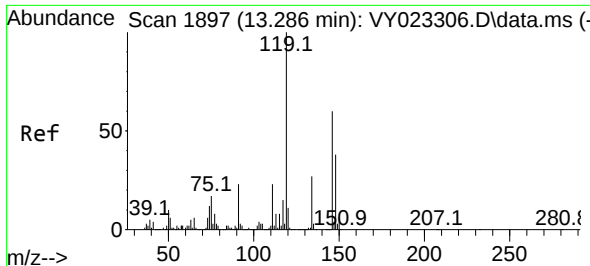
Tgt Ion:105 Resp: 515162
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 20.424 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY023305.D
 Acq: 08 Sep 2025 11:01

Tgt Ion:119 Resp: 431885
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.6 40.7
 91 22.1 10.9 32.7

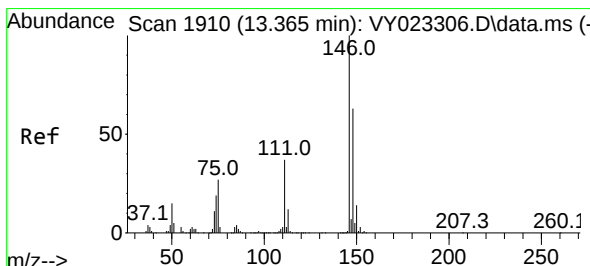
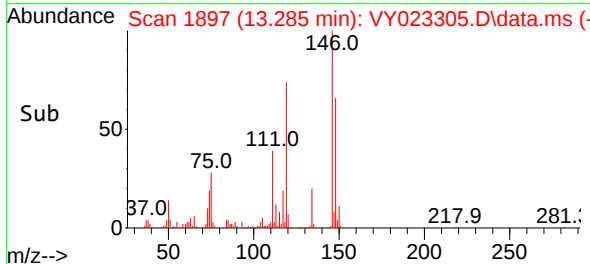
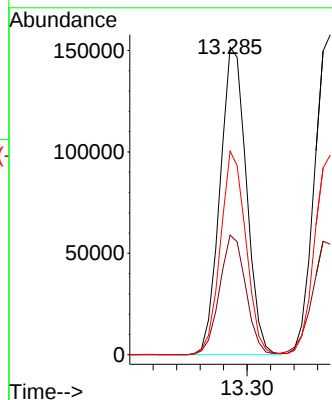
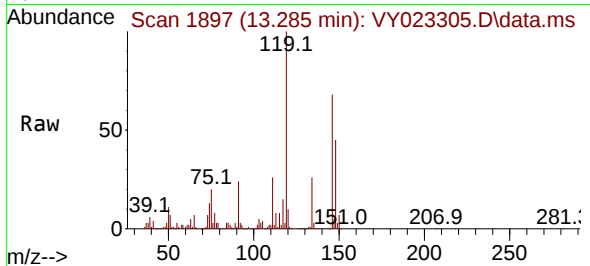




#87
1,3-Dichlorobenzene
Concen: 20.010 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

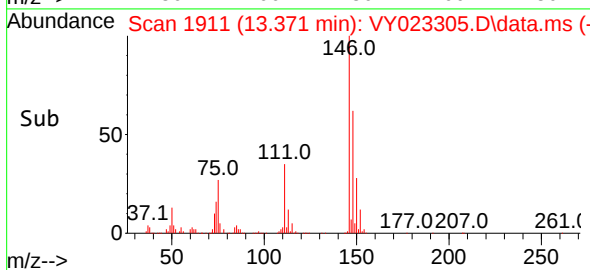
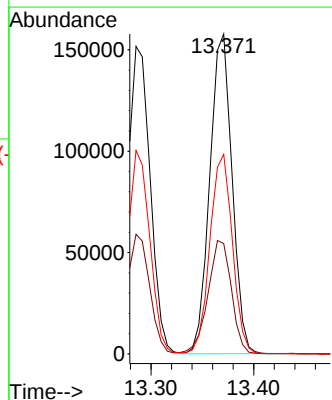
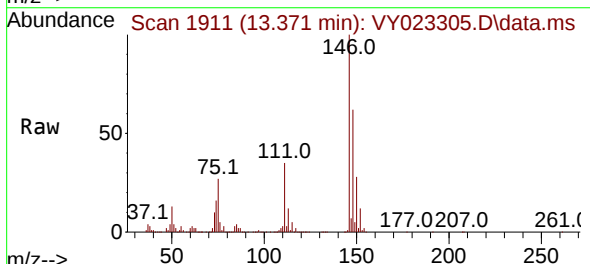
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

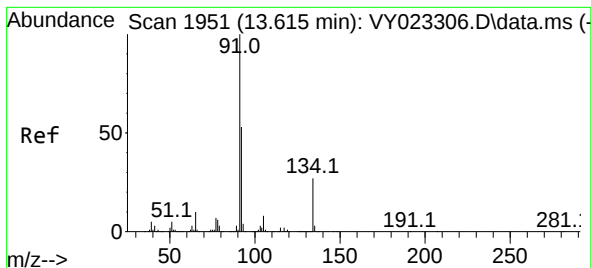
Tgt Ion:146 Resp: 236278
Ion Ratio Lower Upper
146 100
111 38.7 18.7 56.1
148 63.9 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 20.291 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

Tgt Ion:146 Resp: 237319
Ion Ratio Lower Upper
146 100
111 37.4 18.3 54.9
148 62.9 31.8 95.3

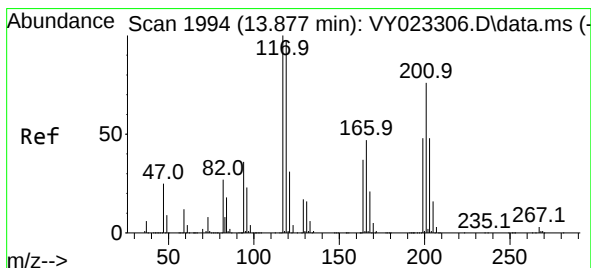
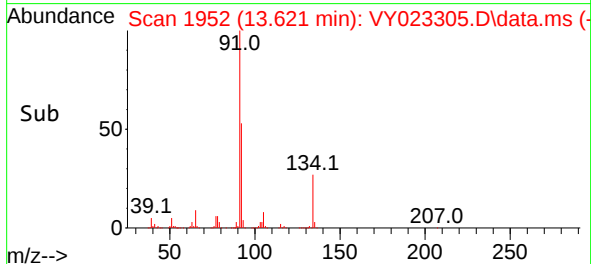
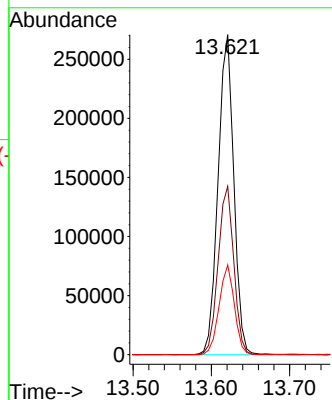
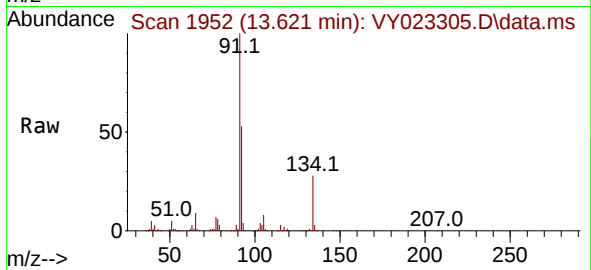




#89
n-Butylbenzene
Concen: 20.177 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

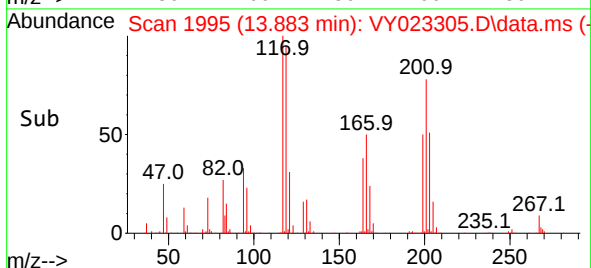
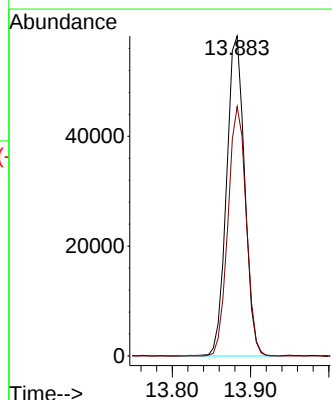
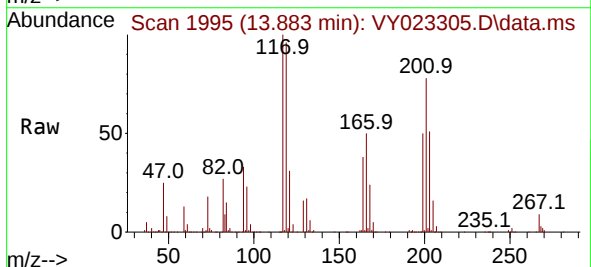
Instrument :
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ClientSampleId :
VSTDIC020

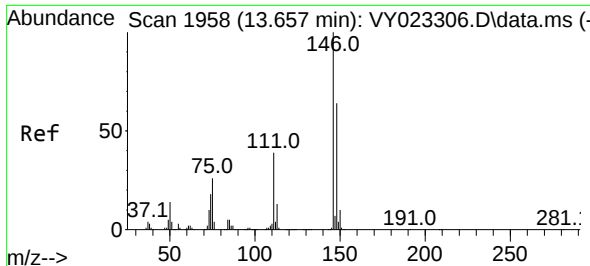
Tgt Ion: 91 Resp: 378395
Ion Ratio Lower Upper
91 100
92 52.5 26.6 79.8
134 27.2 13.6 40.8



#90
Hexachloroethane
Concen: 20.365 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY023305.D
Acq: 08 Sep 2025 11:01

Tgt Ion: 117 Resp: 93360
Ion Ratio Lower Upper
117 100
201 78.4 40.6 121.8

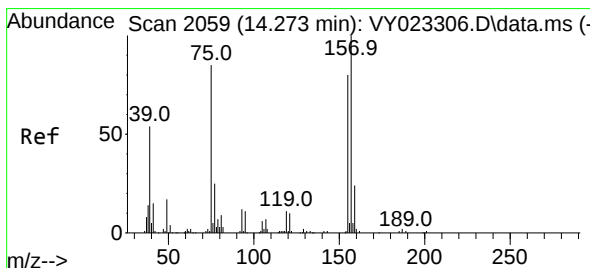
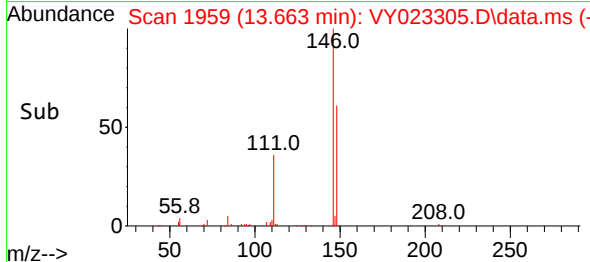
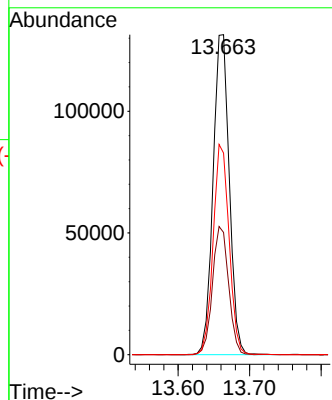
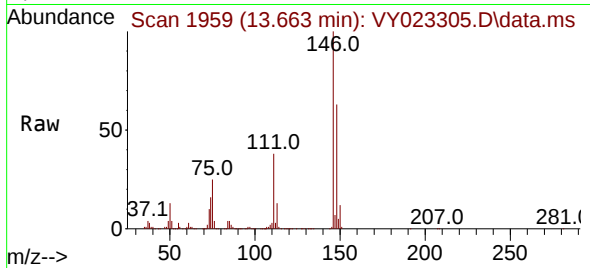




#91
 1,2-Dichlorobenzene
 Concen: 20.093 ug/l
 RT: 13.663 min Scan# 1959
 Delta R.T. 0.006 min
 Lab File: VY023305.D
 Acq: 08 Sep 2025 11:01

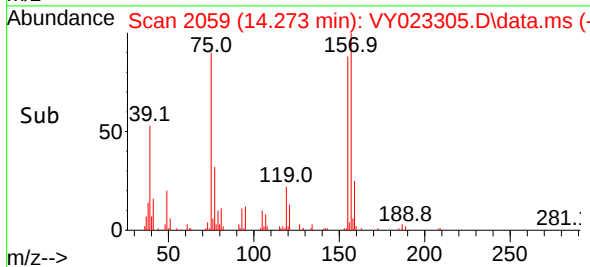
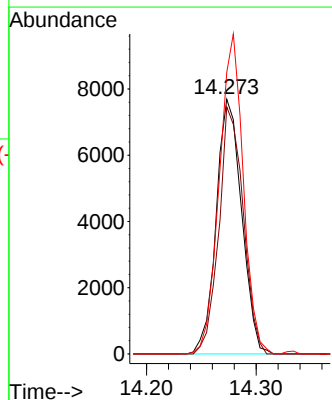
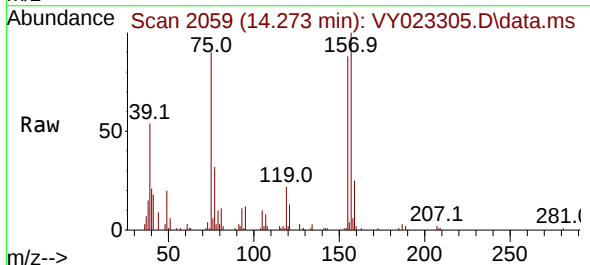
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

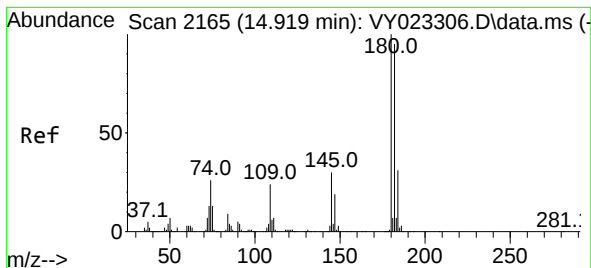
Tgt Ion:146 Resp: 206872
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.6 58.7
 148 64.6 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.153 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023305.D
 Acq: 08 Sep 2025 11:01

Tgt Ion: 75 Resp: 12396
 Ion Ratio Lower Upper
 75 100
 155 92.6 49.0 147.0
 157 118.3 62.2 186.6





#93

1,2,4-Trichlorobenzene

Concen: 19.482 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023305.D

Acq: 08 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

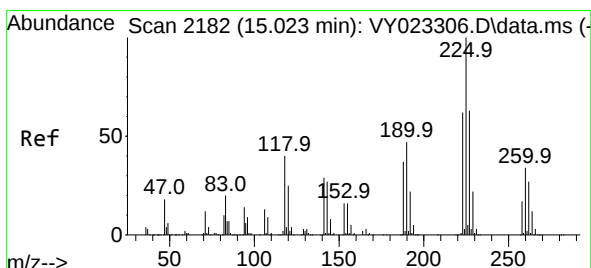
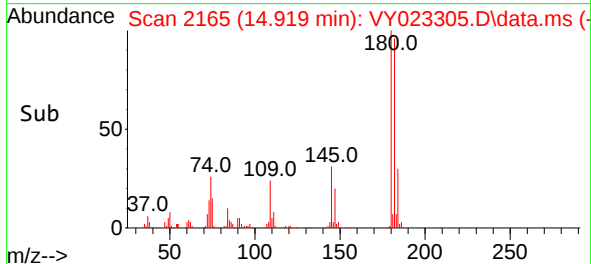
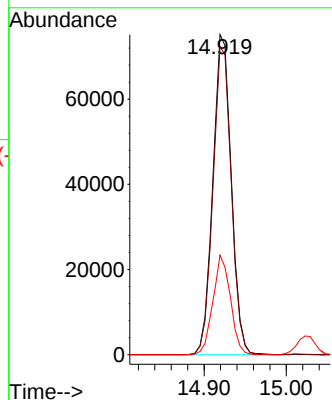
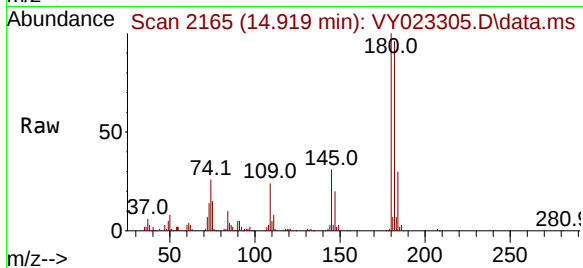
Tgt Ion:180 Resp: 117002

Ion Ratio Lower Upper

180 100

182 95.5 47.6 142.9

145 29.5 14.9 44.9



#94

Hexachlorobutadiene

Concen: 20.020 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY023305.D

Acq: 08 Sep 2025 11:01

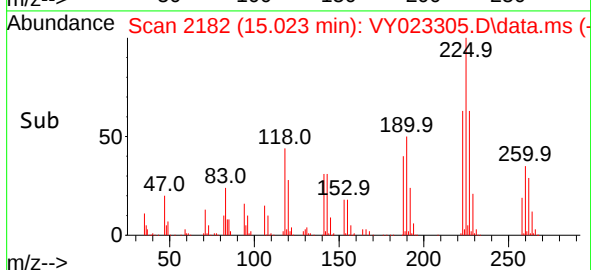
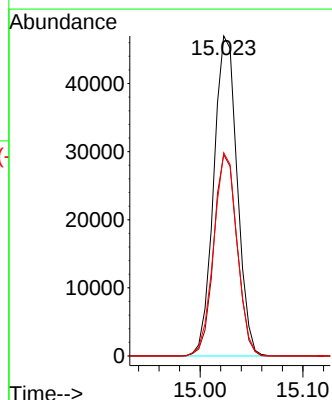
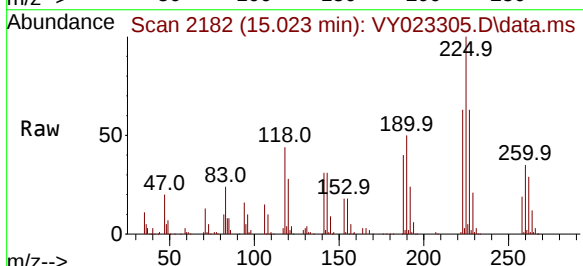
Tgt Ion:225 Resp: 74337

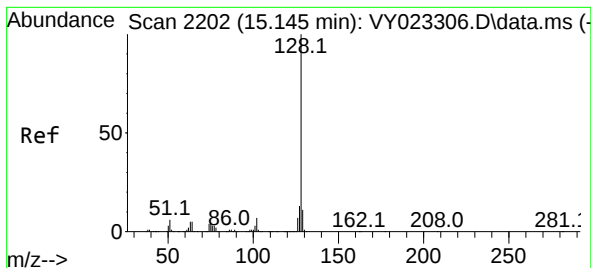
Ion Ratio Lower Upper

225 100

223 62.4 31.4 94.2

227 63.4 31.8 95.4





#95

Naphthalene

Concen: 18.665 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY023305.D

Acq: 08 Sep 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

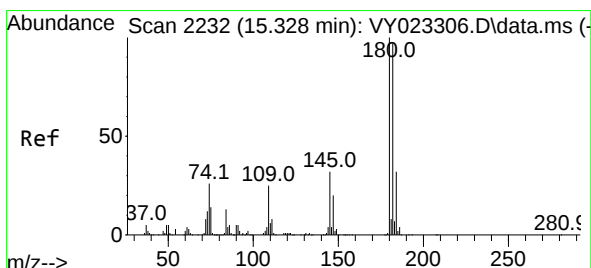
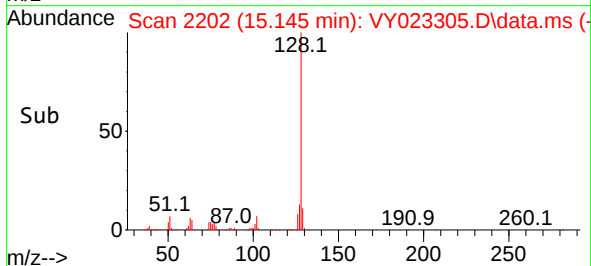
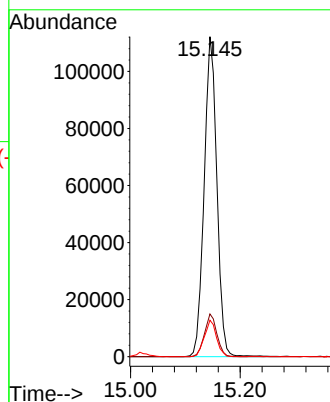
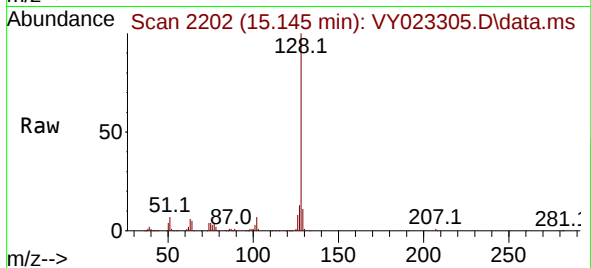
Tgt Ion:128 Resp: 180169

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.506 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY023305.D

Acq: 08 Sep 2025 11:01

Tgt Ion:180 Resp: 101733

Ion Ratio Lower Upper

180 100

182 94.9 47.5 142.5

145 31.8 15.6 46.8

