

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090825\
 Data File : VY023304.D
 Acq On : 08 Sep 2025 10:23
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Sep 09 01:43:01 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	505065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	791591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	688550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	341346	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	46032	10.372	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.740%#
35) Dibromofluoromethane	7.640	113	49520	10.234	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.460%#
50) Toluene-d8	10.109	98	178174	9.752	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	19.500%#
62) 4-Bromofluorobenzene	12.408	95	53639	9.329	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	18.660%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	45127	11.137	ug/l	98
3) Chloromethane	2.074	50	64339	11.096	ug/l	98
4) Vinyl Chloride	2.208	62	79359	10.864	ug/l	98
5) Bromomethane	2.598	94	63603	10.664	ug/l	97
6) Chloroethane	2.739	64	53422	10.807	ug/l	99
7) Trichlorofluoromethane	3.062	101	100776	10.931	ug/l	98
8) Diethyl Ether	3.452	74	25406	10.415	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.824	101	52967	10.683	ug/l	100
10) Methyl Iodide	4.007	142	55281	9.558	ug/l	99
11) Tert butyl alcohol	4.866	59	14259	55.604	ug/l #	91
12) 1,1-Dichloroethene	3.793	96	50901	10.672	ug/l	94
13) Acrolein	3.659	56	23713	54.697	ug/l	99
14) Allyl chloride	4.385	41	60984	10.122	ug/l	99
15) Acrylonitrile	5.061	53	51784	53.924	ug/l	97
16) Acetone	3.873	43	55413	54.815	ug/l	95
17) Carbon Disulfide	4.110	76	160482	10.627	ug/l	99
18) Methyl Acetate	4.391	43	27824	11.220	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	114165	10.180	ug/l	100
20) Methylene Chloride	4.616	84	57486	10.629	ug/l	95
21) trans-1,2-Dichloroethene	5.122	96	54985	10.318	ug/l	97
22) Diisopropyl ether	6.025	45	136703	10.188	ug/l	90
23) Vinyl Acetate	5.964	43	370690	49.971	ug/l	98
24) 1,1-Dichloroethane	5.915	63	92202	10.506	ug/l	98
25) 2-Butanone	6.902	43	65487	52.633	ug/l	97
26) 2,2-Dichloropropane	6.890	77	80742	10.419	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	62304	10.324	ug/l	99
28) Bromochloromethane	7.250	49	36037	10.435	ug/l	99
29) Tetrahydrofuran	7.274	42	37859	51.300	ug/l	98
30) Chloroform	7.427	83	100564	10.664	ug/l	99
31) Cyclohexane	7.707	56	80679	10.388	ug/l #	91
32) 1,1,1-Trichloroethane	7.616	97	89821	10.661	ug/l	98
36) 1,1-Dichloropropene	7.835	75	69230	10.045	ug/l	98
37) Ethyl Acetate	6.988	43	29009	10.581	ug/l	99
38) Carbon Tetrachloride	7.823	117	83071	10.476	ug/l	99
39) Methylcyclohexane	9.109	83	84000	9.528	ug/l	97
40) Benzene	8.085	78	215396	10.055	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	11528	7.568	ug/l #	70
42) 1,2-Dichloroethane	8.164	62	58041	10.642	ug/l	99
43) Isopropyl Acetate	8.201	43	52895	9.920	ug/l	98
44) Trichloroethene	8.866	130	59900	10.039	ug/l	97
45) 1,2-Dichloropropane	9.146	63	49852	10.305	ug/l	95
46) Dibromomethane	9.237	93	29746	10.096	ug/l	97
47) Bromodichloromethane	9.426	83	77086	10.400	ug/l	99
48) Methyl methacrylate	9.225	41	23535	9.469	ug/l	95
49) 1,4-Dioxane	9.231	88	6305	210.819	ug/l	95
51) 4-Methyl-2-Pentanone	10.000	43	134544	49.321	ug/l	99
52) Toluene	10.170	92	131503	9.674	ug/l	96
53) t-1,3-Dichloropropene	10.396	75	62546	9.801	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	75522	9.904	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	40549	10.347	ug/l	97
56) Ethyl methacrylate	10.438	69	40408	8.899	ug/l	98
57) 1,3-Dichloropropane	10.719	76	64325	10.110	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.713	63	82414	41.645	ug/l	99
59) 2-Hexanone	10.762	43	91559	48.551	ug/l	95
60) Dibromochloromethane	10.914	129	53881	10.133	ug/l	99
61) 1,2-Dibromoethane	11.018	107	37104	10.103	ug/l	98
64) Tetrachloroethene	10.652	164	66581	9.702	ug/l	96
65) Chlorobenzene	11.444	112	149644	9.921	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	54244	10.245	ug/l	99
67) Ethyl Benzene	11.518	91	233279	9.466	ug/l	98
68) m/p-Xylenes	11.627	106	187831	19.035	ug/l	99
69) o-Xylene	11.956	106	84481	9.248	ug/l	100
70) Styrene	11.969	104	140425	9.275	ug/l	100
71) Bromoform	12.133	173	31732	10.064	ug/l #	97
73) Isopropylbenzene	12.255	105	216593	9.420	ug/l	100
74) N-amyl acetate	12.072	43	40779	9.383	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	42827	11.098	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	54007	14.300	ug/l #	100
77) Bromobenzene	12.536	156	57406	9.772	ug/l	97
78) n-propylbenzene	12.597	91	259006	9.557	ug/l	100
79) 2-Chlorotoluene	12.682	91	151268	9.691	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	177432	9.488	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	13088	10.325	ug/l	94
82) 4-Chlorotoluene	12.780	91	161757	9.904	ug/l	98
83) tert-Butylbenzene	12.999	119	158279	9.345	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	175051	9.462	ug/l	98
85) sec-Butylbenzene	13.176	105	235130	9.541	ug/l	99
86) p-Isopropyltoluene	13.292	119	192708	9.258	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	114123	9.818	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	114786	9.970	ug/l	98
89) n-Butylbenzene	13.615	91	168712	9.139	ug/l	98
90) Hexachloroethane	13.877	117	45505	10.083	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	101023	9.968	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6093	10.063	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	54387	9.200	ug/l	98
94) Hexachlorobutadiene	15.023	225	35729	9.775	ug/l	100
95) Naphthalene	15.145	128	80591	8.481	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	48071	9.363	ug/l	98

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ClientSampleId :
VSTDICC010

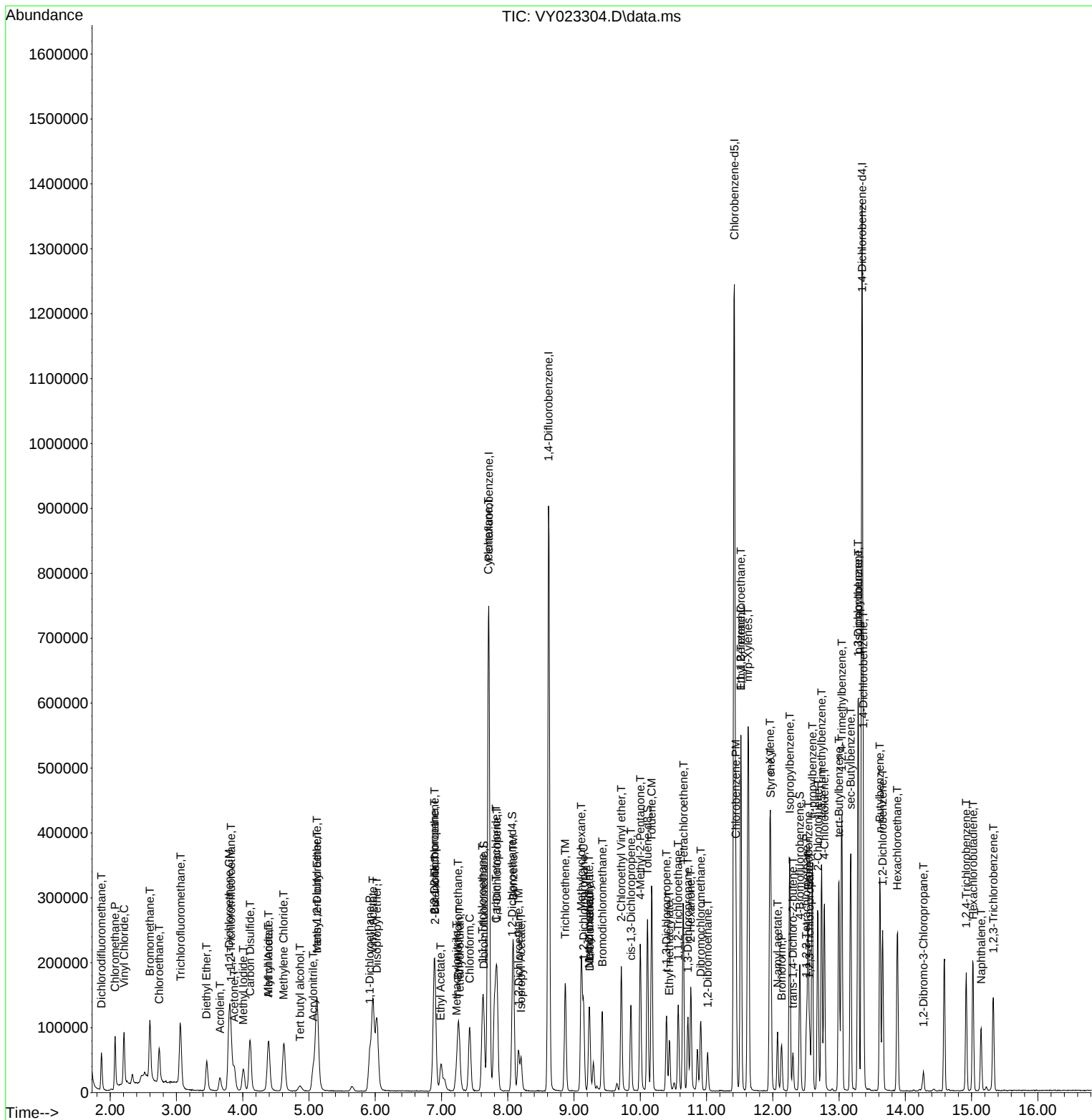
Quant Time: Sep 09 01:43:01 2025
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Quant Title : SW846 8260
QLast Update : Tue Sep 09 01:40:33 2025
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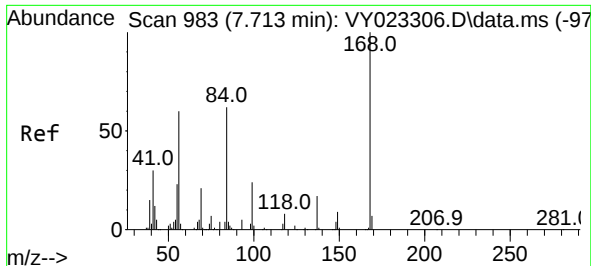
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
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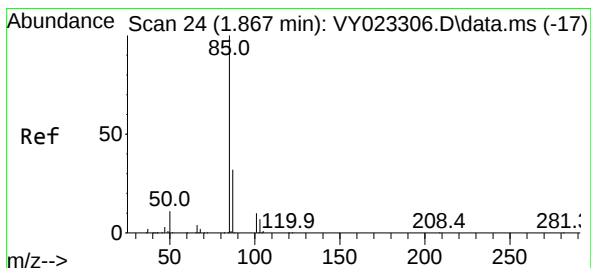
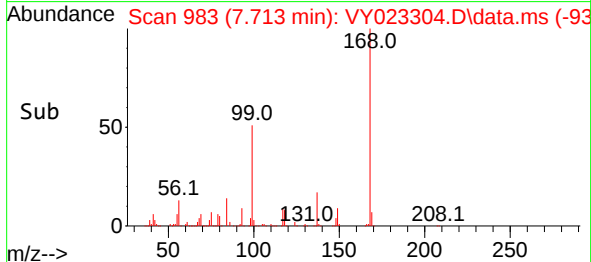
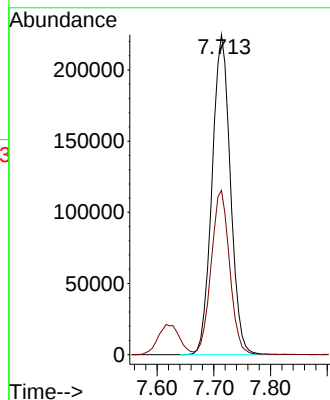
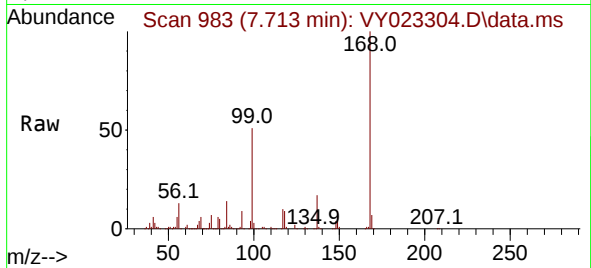




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 99
Delta R.T. 0.000 min
Lab File: VY023304.D
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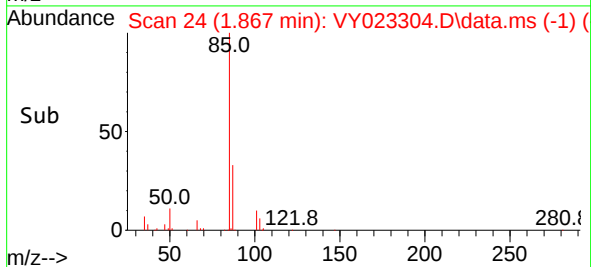
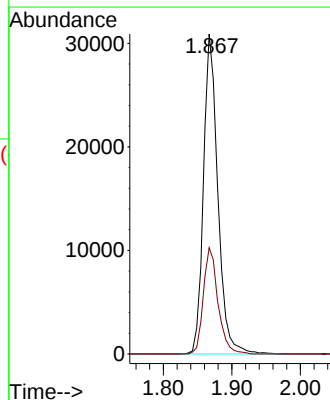
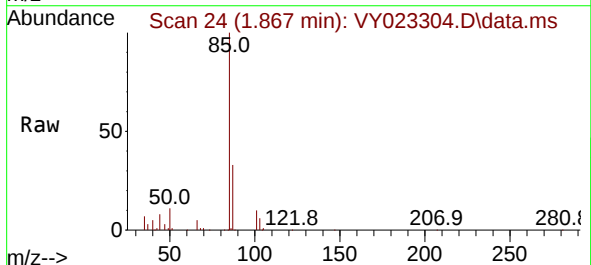
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

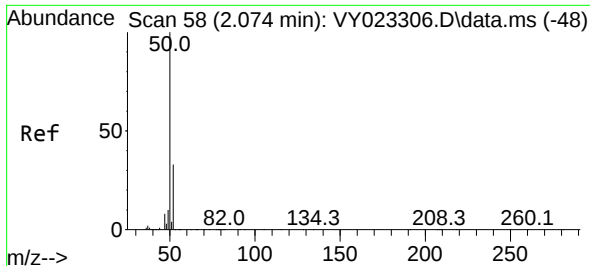
Tgt Ion:168 Resp: 505065
Ion Ratio Lower Upper
168 100
99 51.3 40.4 60.6



#2
Dichlorodifluoromethane
Concen: 11.137 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

Tgt Ion: 85 Resp: 45127
Ion Ratio Lower Upper
85 100
87 33.2 15.9 47.7

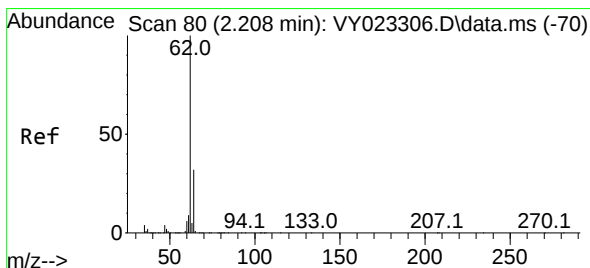
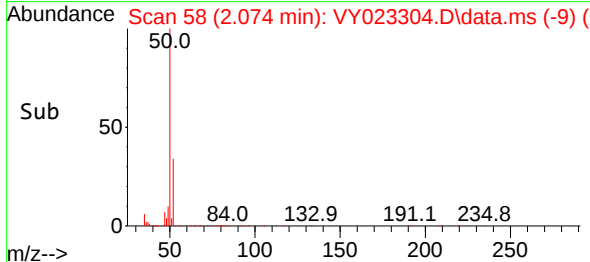
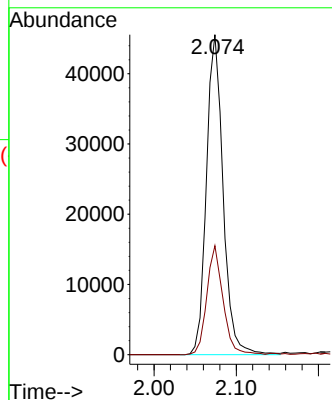
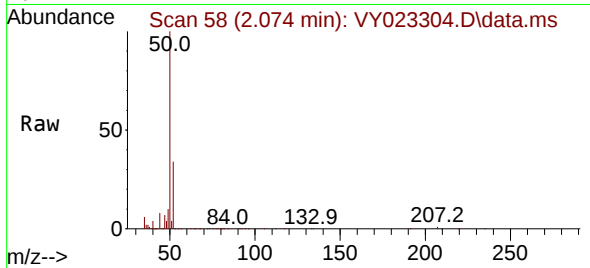




#3
Chloromethane
Concen: 11.096 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

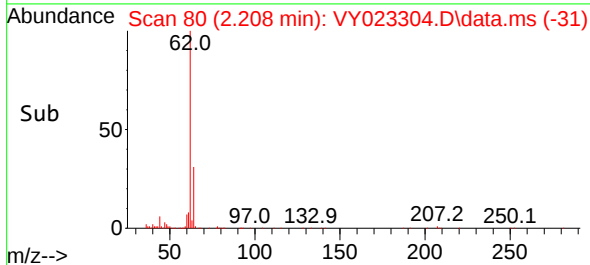
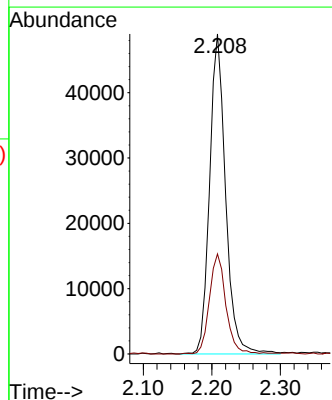
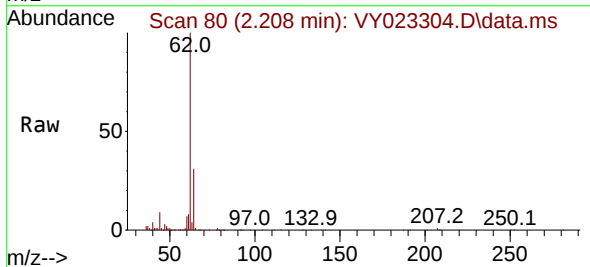
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ClientSampleId :
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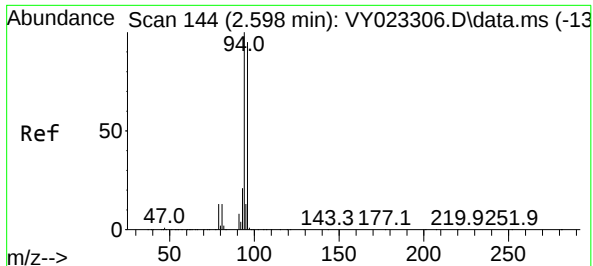
Tgt Ion: 50 Resp: 64339
Ion Ratio Lower Upper
50 100
52 34.1 26.6 39.8



#4
Vinyl Chloride
Concen: 10.864 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

Tgt Ion: 62 Resp: 79359
Ion Ratio Lower Upper
62 100
64 31.3 25.8 38.8

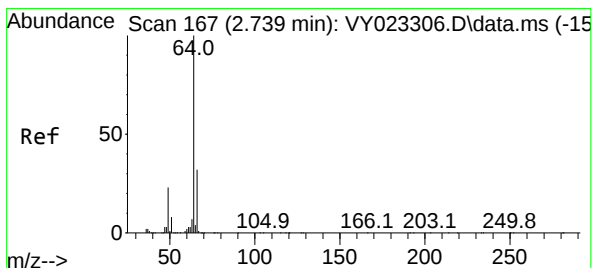
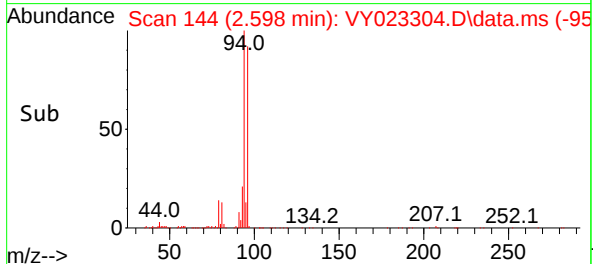
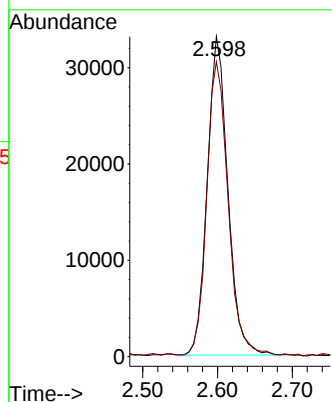
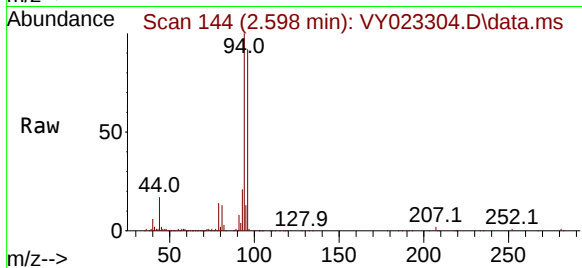




#5
Bromomethane
Concen: 10.664 ug/l
RT: 2.598 min Scan# 144
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

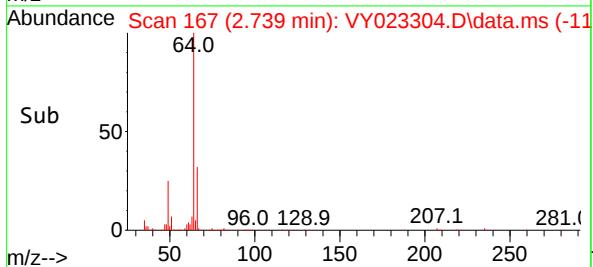
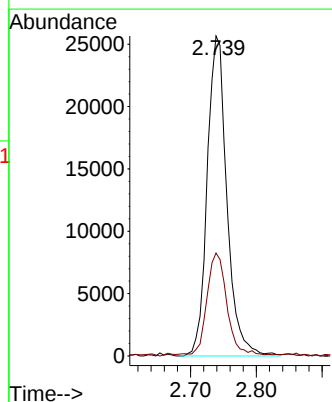
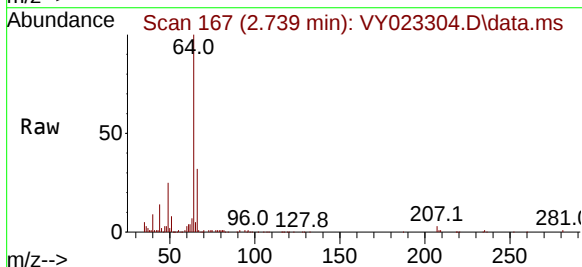
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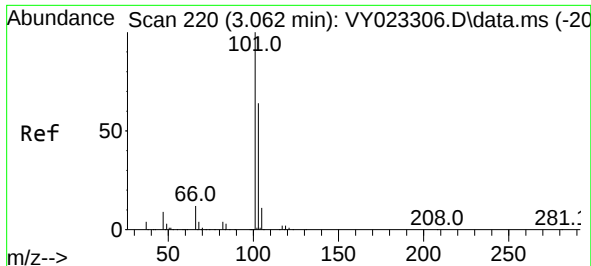
Tgt Ion: 94 Resp: 63603
Ion Ratio Lower Upper
94 100
96 92.1 75.7 113.5



#6
Chloroethane
Concen: 10.807 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

Tgt Ion: 64 Resp: 53422
Ion Ratio Lower Upper
64 100
66 31.8 25.8 38.8

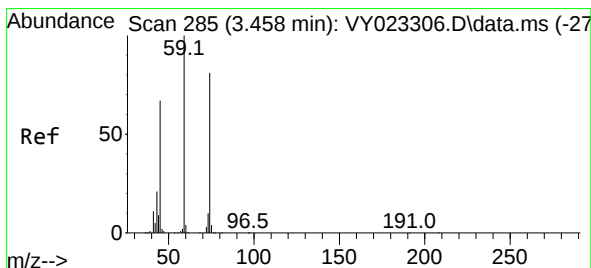
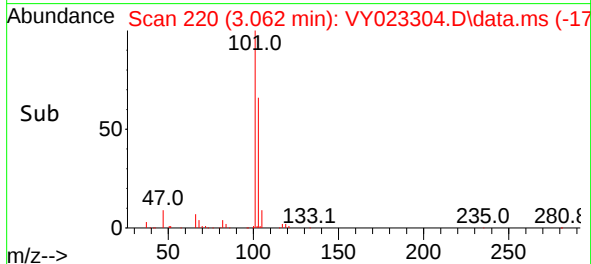
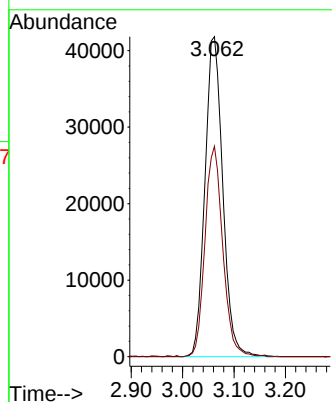
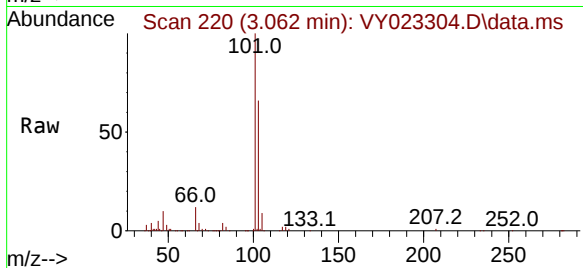




#7
 Trichlorofluoromethane
 Concen: 10.931 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY023304.D
 Acq: 08 Sep 2025 10:23

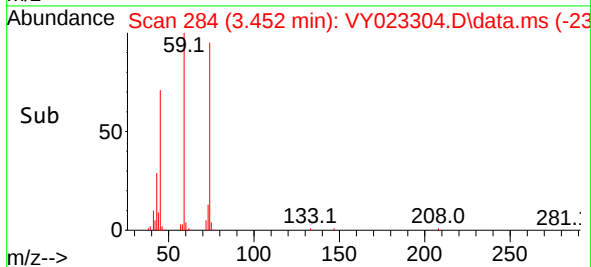
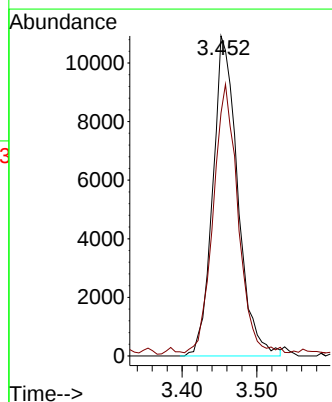
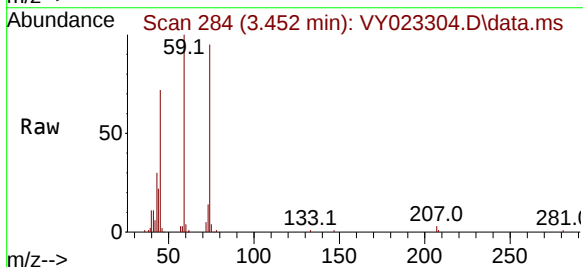
Instrument :
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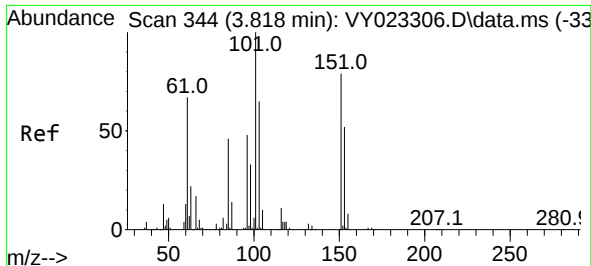
Tgt Ion:101 Resp: 100776
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.4 77.2



#8
 Diethyl Ether
 Concen: 10.415 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY023304.D
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Tgt Ion: 74 Resp: 25406
 Ion Ratio Lower Upper
 74 100
 45 82.6 41.4 124.4

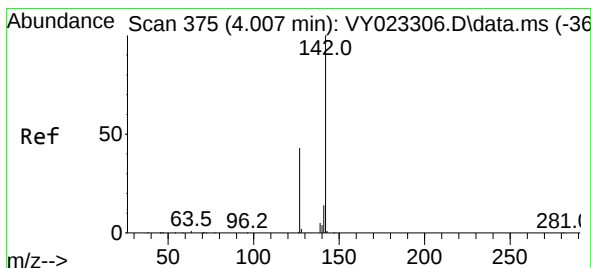
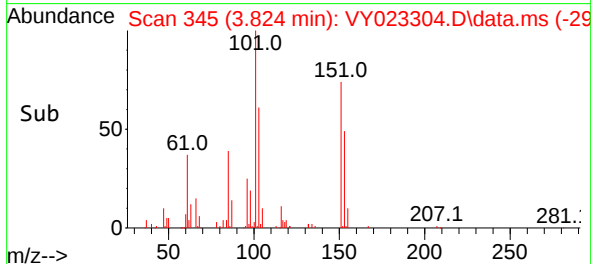
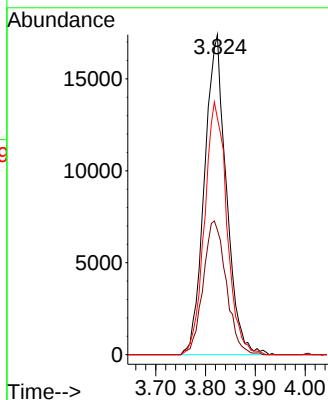
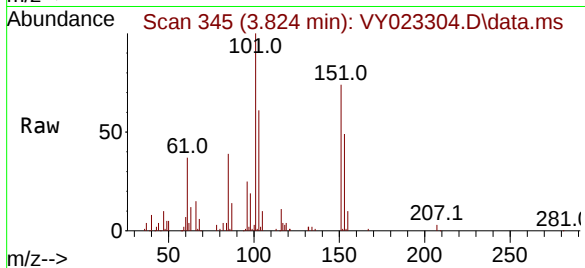




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.683 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

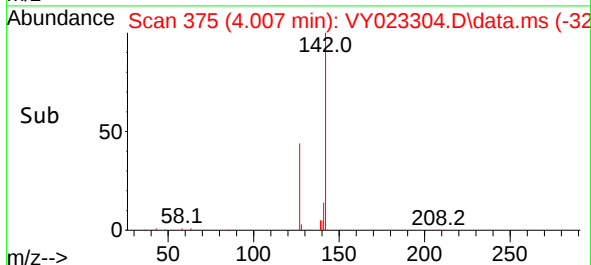
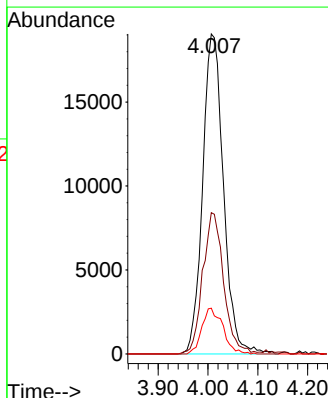
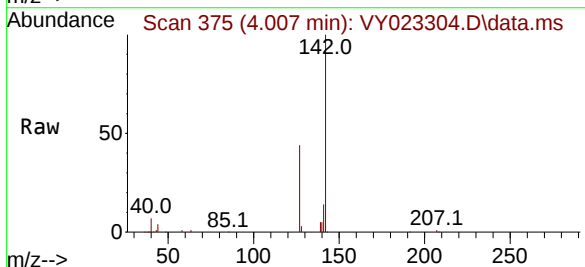
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

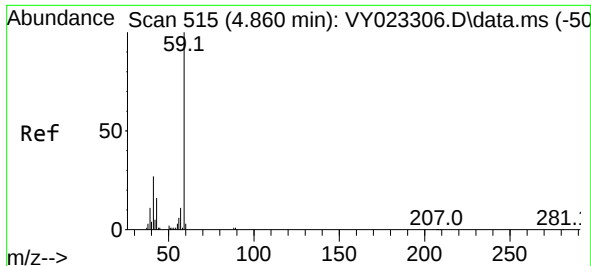
Tgt Ion:101 Resp: 52967
Ion Ratio Lower Upper
101 100
85 44.2 35.4 53.2
151 80.5 64.2 96.4



#10
Methyl Iodide
Concen: 9.558 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

Tgt Ion:142 Resp: 55281
Ion Ratio Lower Upper
142 100
127 44.3 35.0 52.6
141 14.4 11.4 17.2

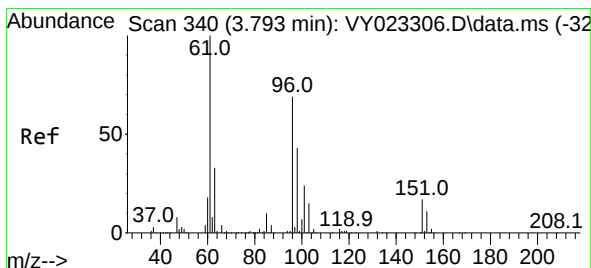
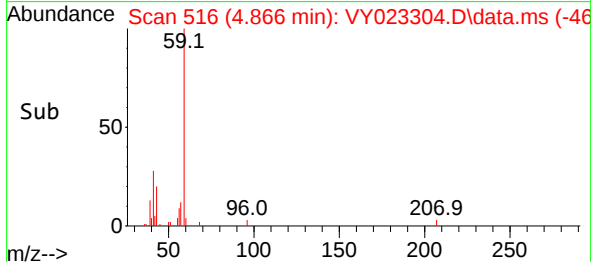
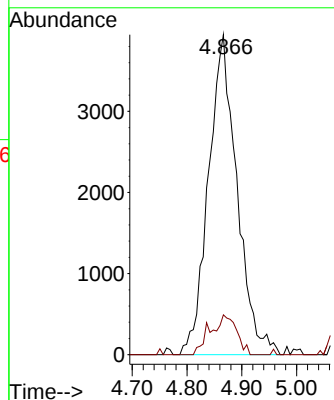
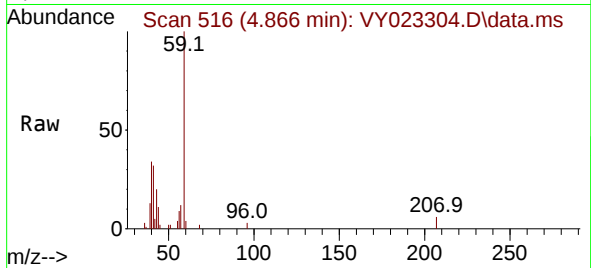




#11
Tert butyl alcohol
Concen: 55.604 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

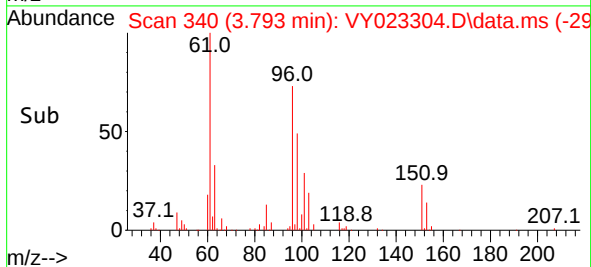
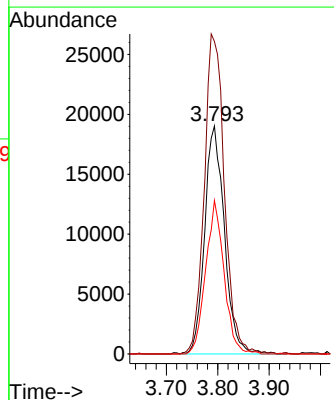
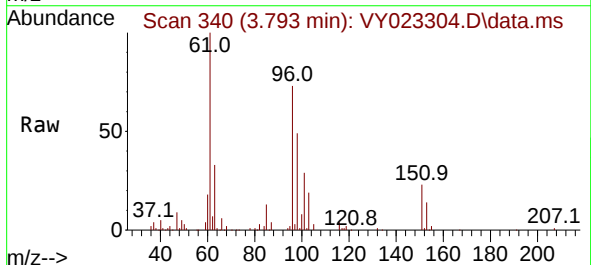
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

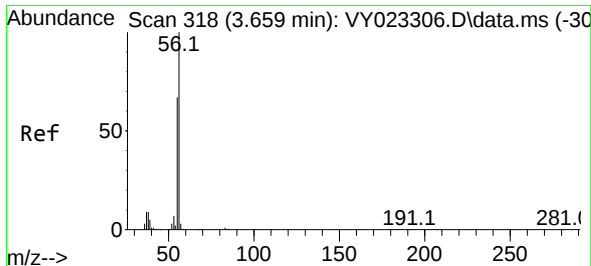
Tgt Ion: 59 Resp: 14259
Ion Ratio Lower Upper
59 100
57 7.2 8.6 13.0#



#12
1,1-Dichloroethene
Concen: 10.672 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

Tgt Ion: 96 Resp: 50901
Ion Ratio Lower Upper
96 100
61 137.0 116.6 174.8
98 67.3 50.5 75.7

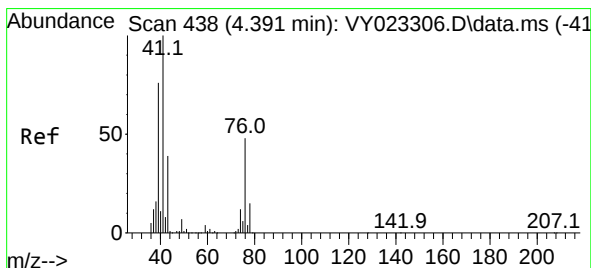
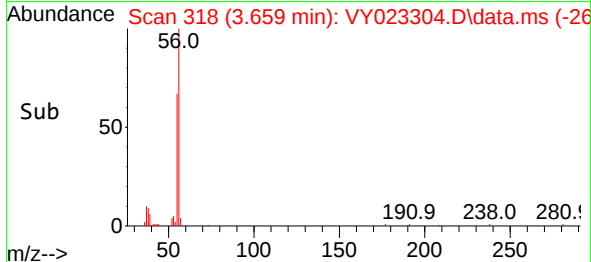
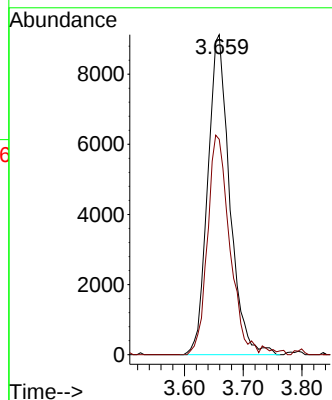
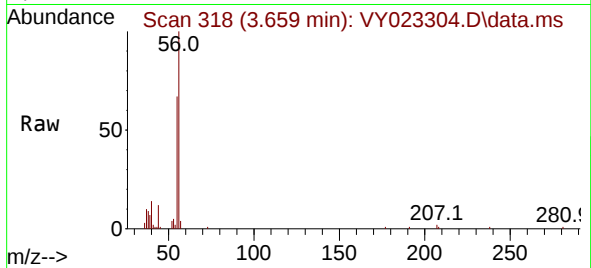




#13
Acrolein
Concen: 54.697 ug/l
RT: 3.659 min Scan# 318
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

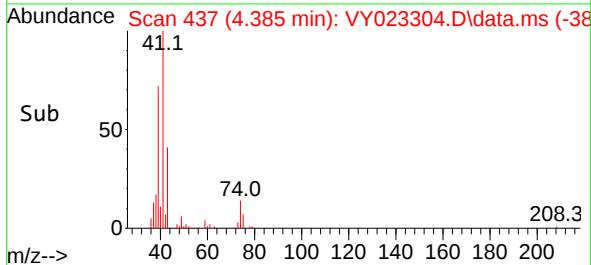
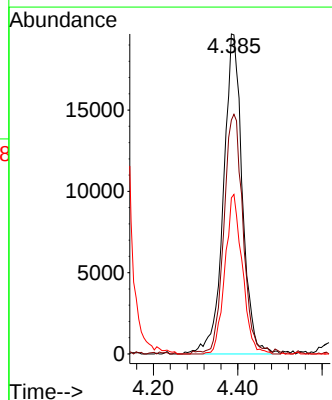
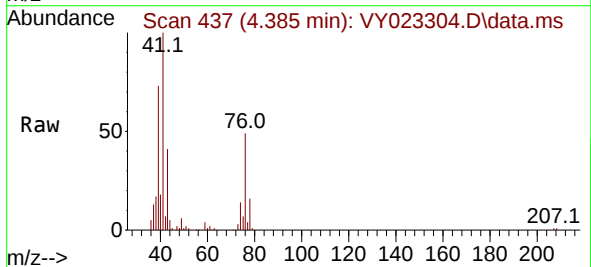
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

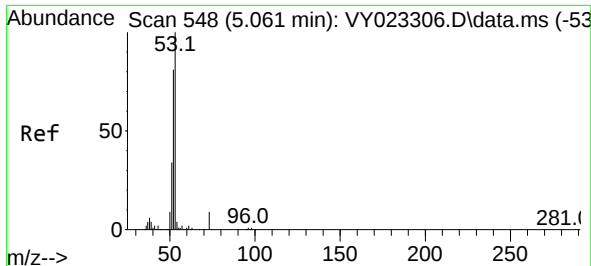
Tgt Ion: 56 Resp: 23713
Ion Ratio Lower Upper
56 100
55 69.0 56.1 84.1



#14
Allyl chloride
Concen: 10.122 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

Tgt Ion: 41 Resp: 60984
Ion Ratio Lower Upper
41 100
39 73.9 59.8 89.6
76 45.8 36.6 55.0

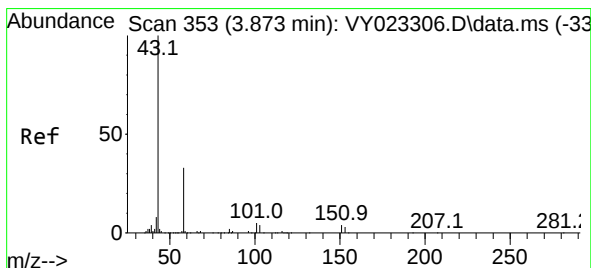
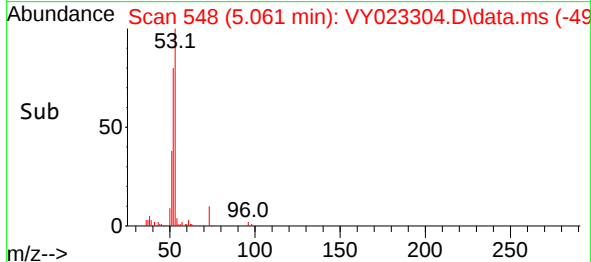
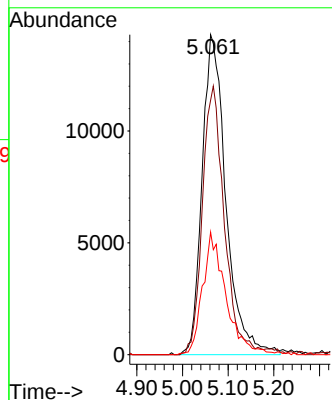
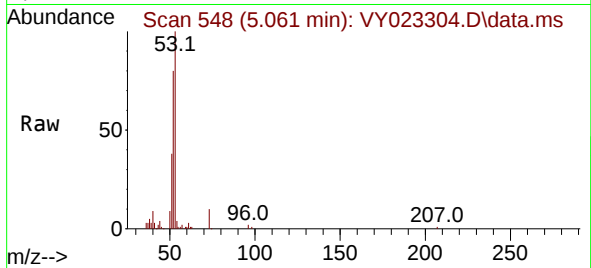




#15
Acrylonitrile
Concen: 53.924 ug/l
RT: 5.061 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

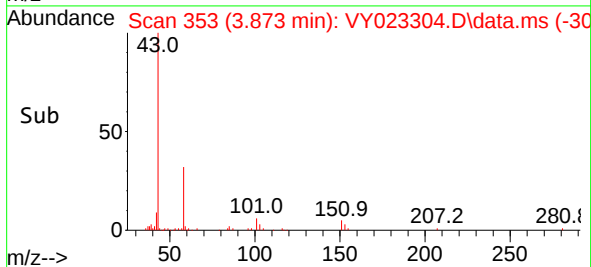
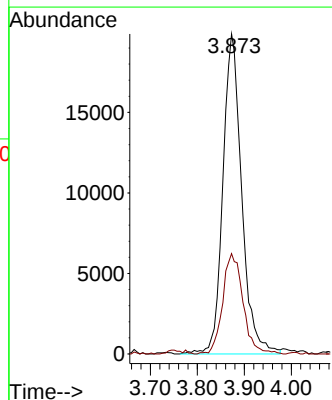
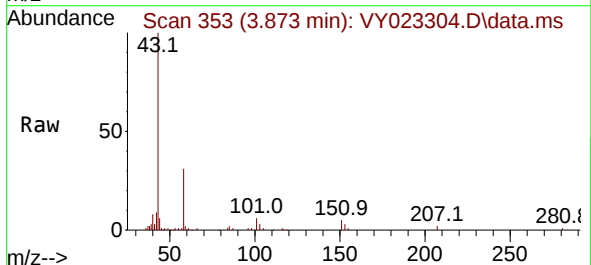
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

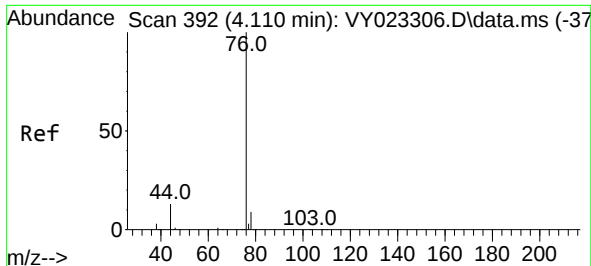
Tgt Ion: 53 Resp: 51784
Ion Ratio Lower Upper
53 100
52 77.2 64.2 96.4
51 37.4 29.0 43.6



#16
Acetone
Concen: 54.815 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

Tgt Ion: 43 Resp: 55413
Ion Ratio Lower Upper
43 100
58 31.1 27.2 40.8

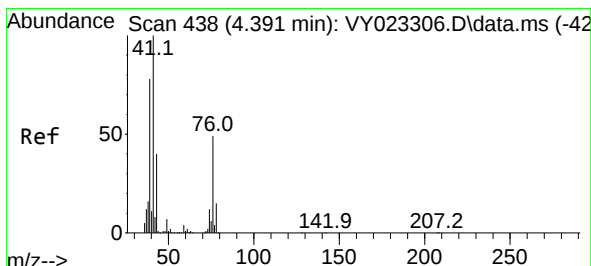
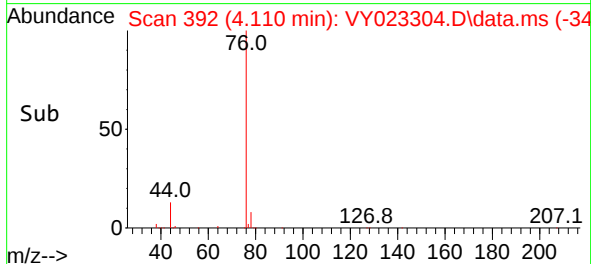
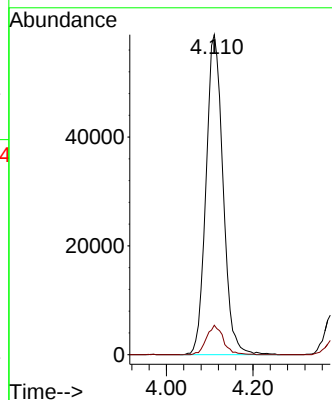
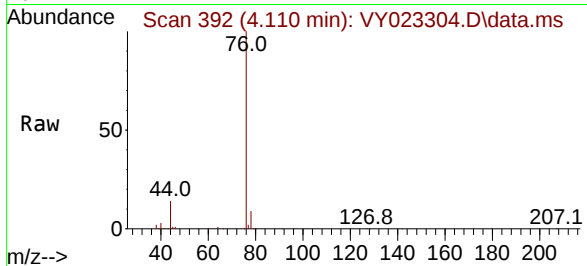




#17
Carbon Disulfide
Concen: 10.627 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

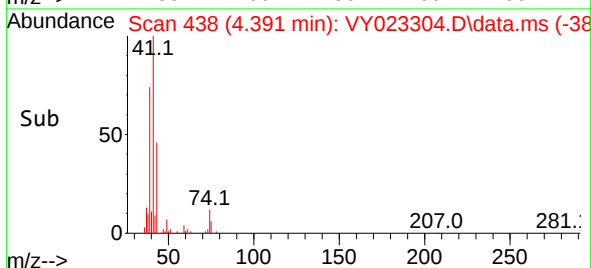
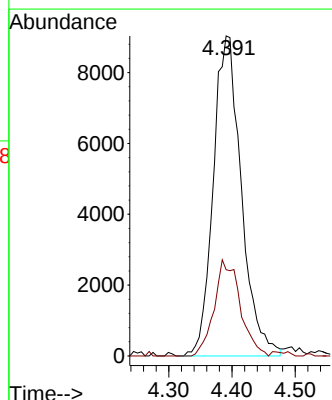
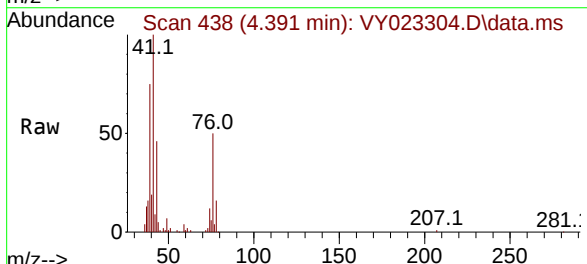
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

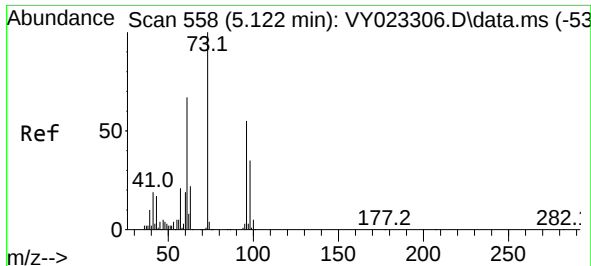
Tgt Ion: 76 Resp: 160482
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 11.220 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

Tgt Ion: 43 Resp: 27824
Ion Ratio Lower Upper
43 100
74 27.8 22.2 33.2





#19

Methyl tert-butyl Ether

Concen: 10.180 ug/l

RT: 5.122 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY023304.D

Acq: 08 Sep 2025 10:23

Instrument :

MSVOA_Y

ClientSampleId :

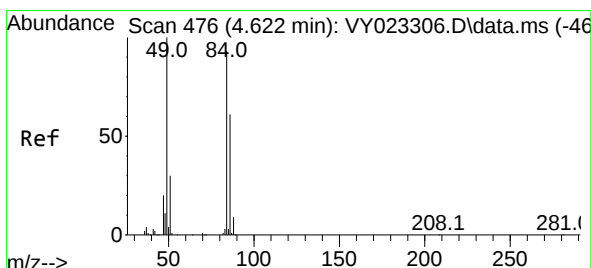
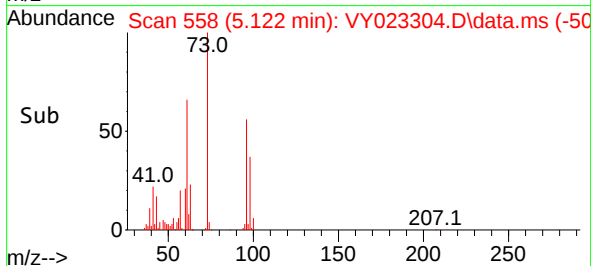
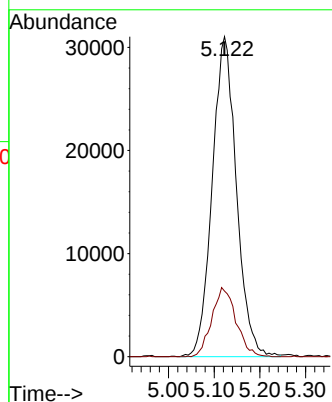
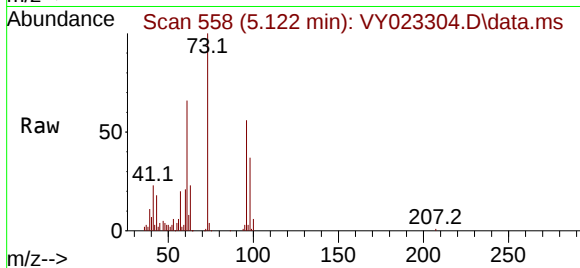
VSTDIC010

Tgt Ion: 73 Resp: 114165

Ion Ratio Lower Upper

73 100

57 20.5 16.6 24.8



#20

Methylene Chloride

Concen: 10.629 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY023304.D

Acq: 08 Sep 2025 10:23

Tgt Ion: 84 Resp: 57486

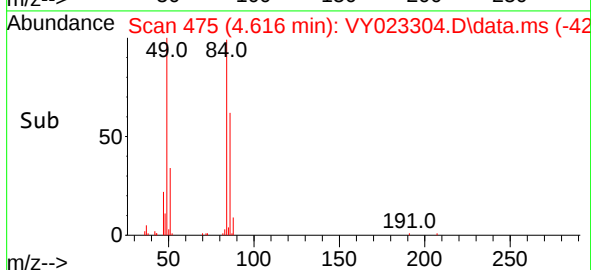
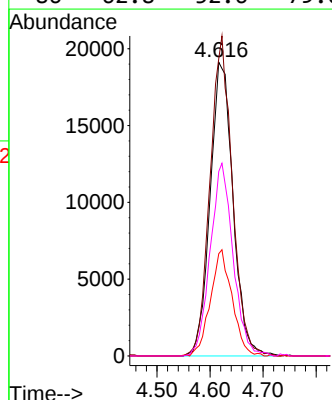
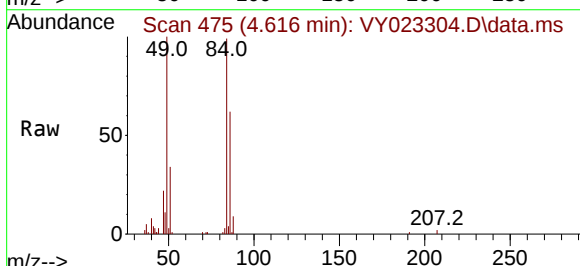
Ion Ratio Lower Upper

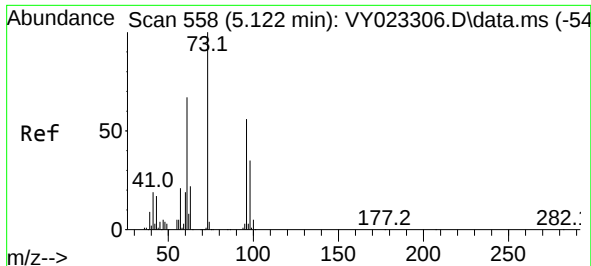
84 100

49 101.2 86.4 129.6

51 34.8 25.9 38.9

86 62.8 52.6 79.0

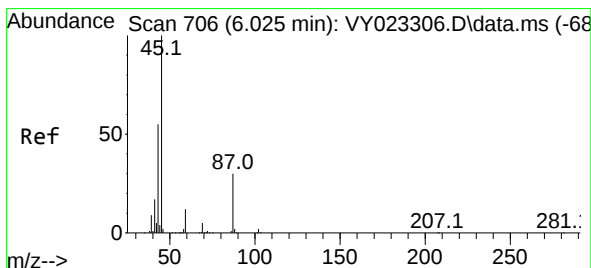
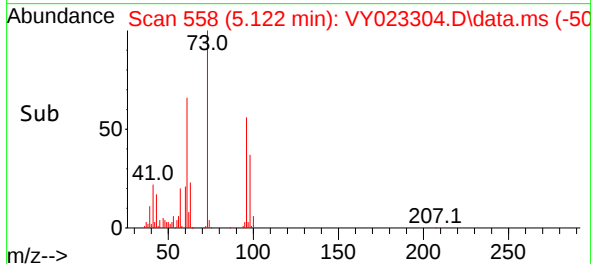
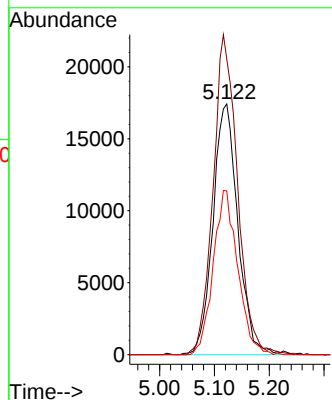
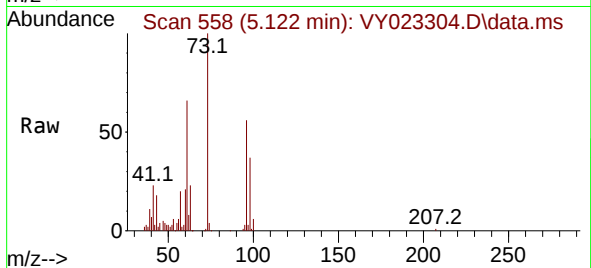




#21
trans-1,2-Dichloroethene
Concen: 10.318 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

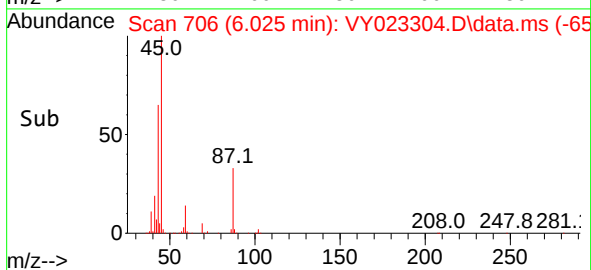
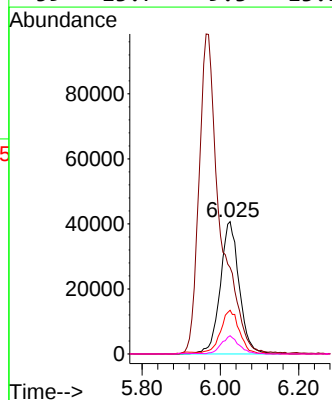
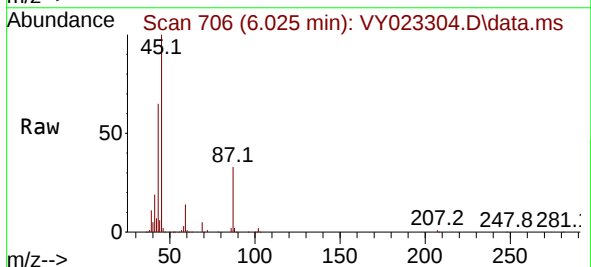
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

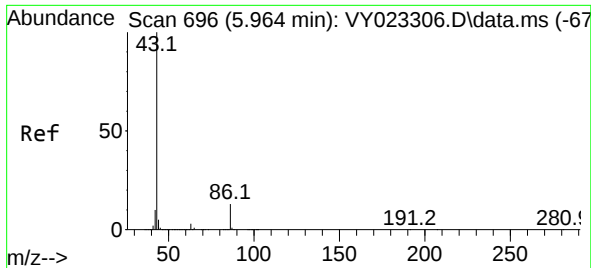
Tgt Ion: 96 Resp: 54985
Ion Ratio Lower Upper
96 100
61 118.0 96.6 144.8
98 65.3 50.6 76.0



#22
Diisopropyl ether
Concen: 10.188 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

Tgt Ion: 45 Resp: 136703
Ion Ratio Lower Upper
45 100
43 65.0 43.8 65.6
87 33.0 24.1 36.1
59 13.7 9.3 13.9

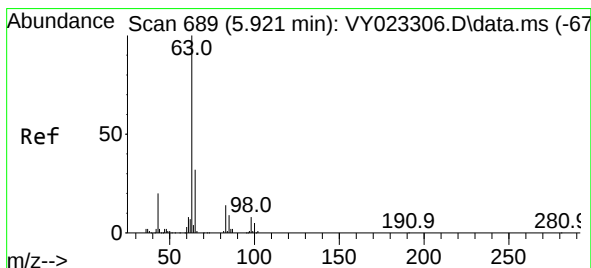
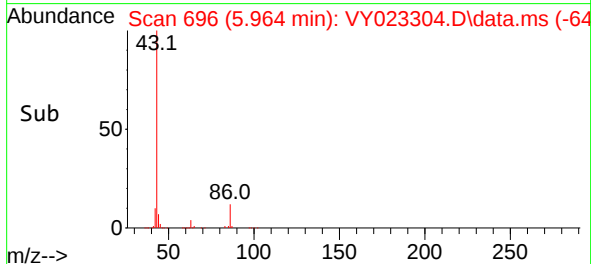
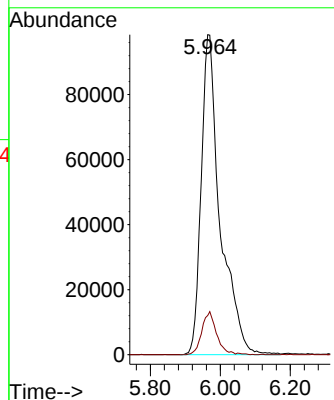
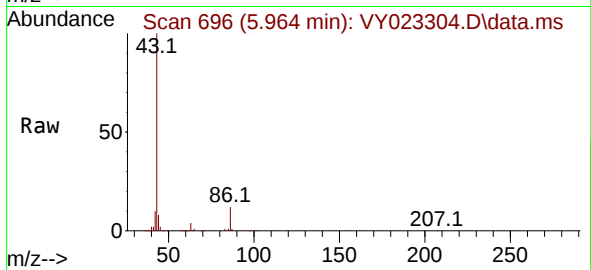




#23
 Vinyl Acetate
 Concen: 49.971 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY023304.D
 Acq: 08 Sep 2025 10:23

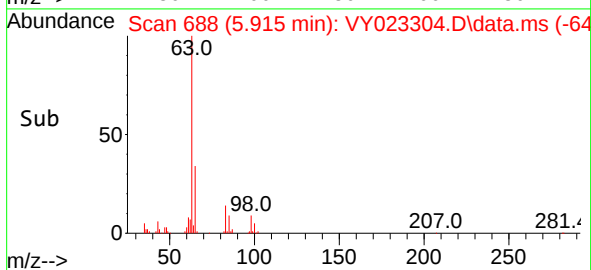
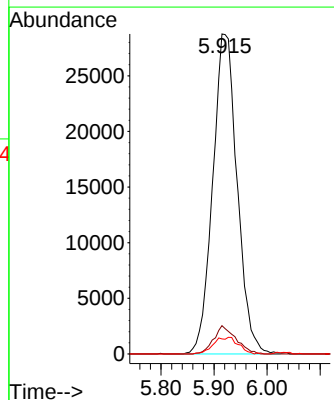
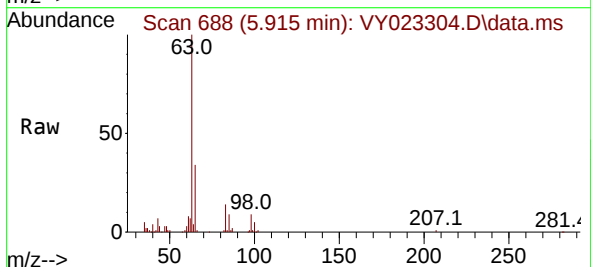
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

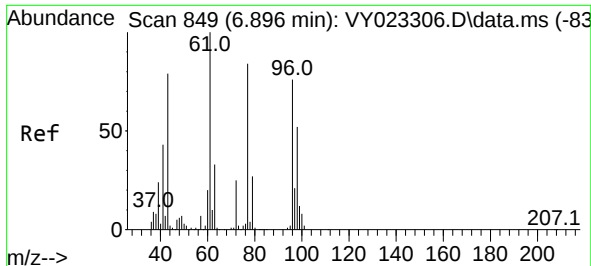
Tgt Ion: 43 Resp: 370690
 Ion Ratio Lower Upper
 43 100
 86 12.2 10.4 15.6



#24
 1,1-Dichloroethane
 Concen: 10.506 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY023304.D
 Acq: 08 Sep 2025 10:23

Tgt Ion: 63 Resp: 92202
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.9 11.5
 100 4.7 2.3 6.9





#25

2-Butanone

Concen: 52.633 ug/l

RT: 6.902 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY023304.D

Acq: 08 Sep 2025 10:23

Instrument :

MSVOA_Y

ClientSampleId :

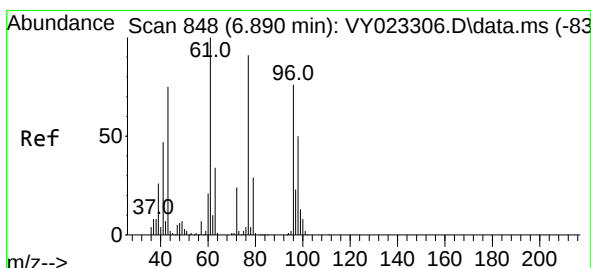
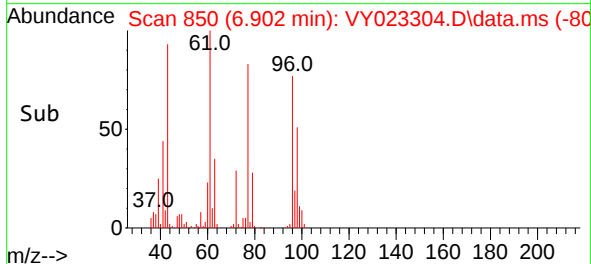
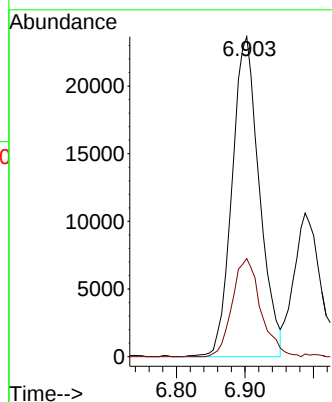
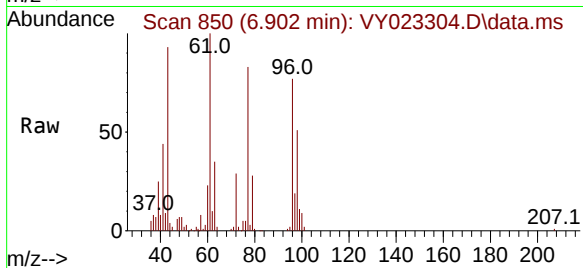
VSTDICC010

Tgt Ion: 43 Resp: 65487

Ion Ratio Lower Upper

43 100

72 30.7 25.7 38.5



#26

2,2-Dichloropropane

Concen: 10.419 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY023304.D

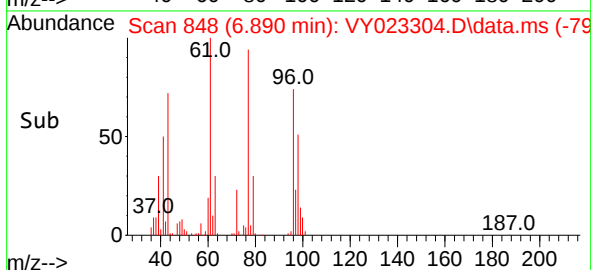
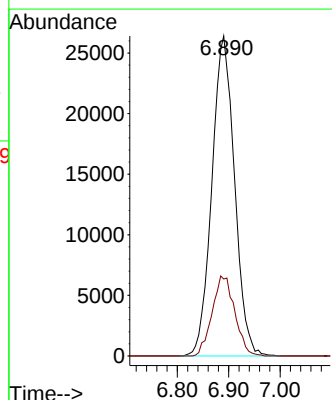
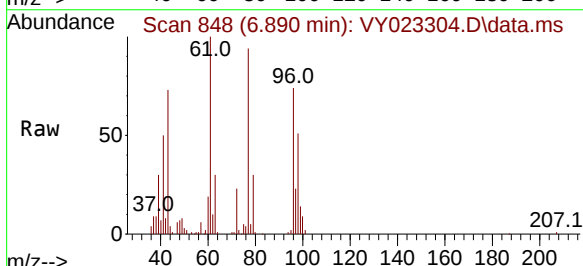
Acq: 08 Sep 2025 10:23

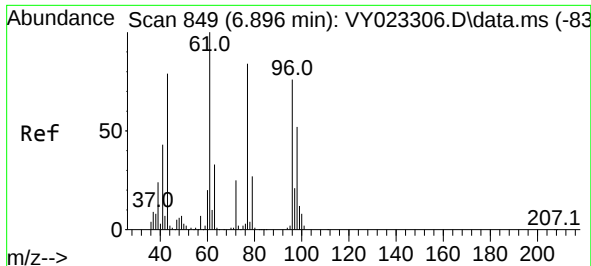
Tgt Ion: 77 Resp: 80742

Ion Ratio Lower Upper

77 100

97 25.0 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 10.324 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY023304.D

Acq: 08 Sep 2025 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

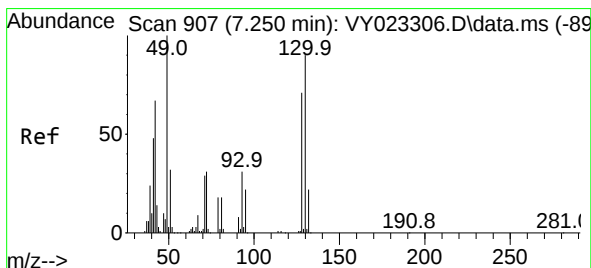
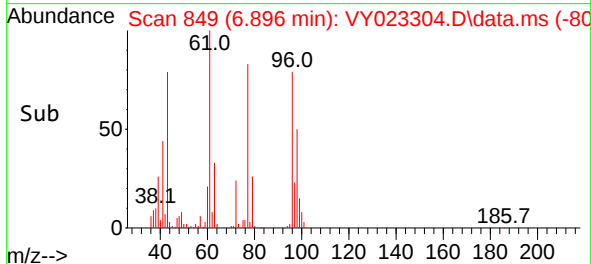
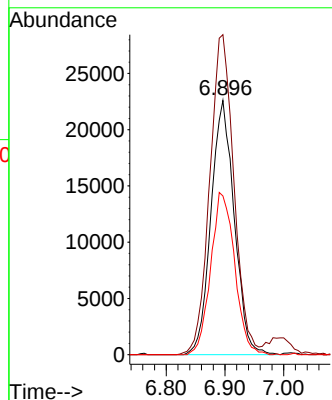
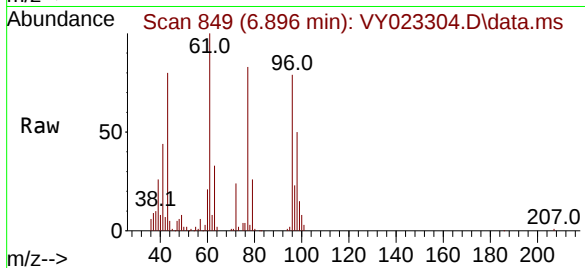
Tgt Ion: 96 Resp: 62304

Ion Ratio Lower Upper

96 100

61 130.4 0.0 264.0

98 65.6 0.0 130.6



#28

Bromochloromethane

Concen: 10.435 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY023304.D

Acq: 08 Sep 2025 10:23

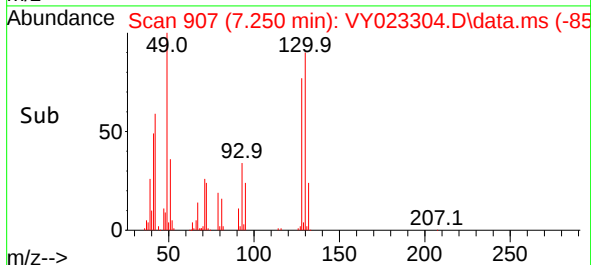
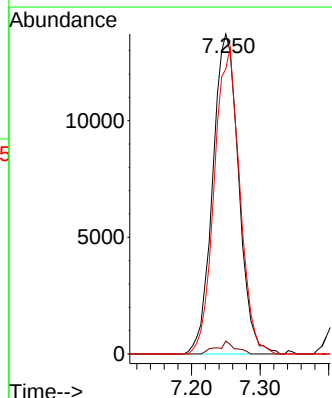
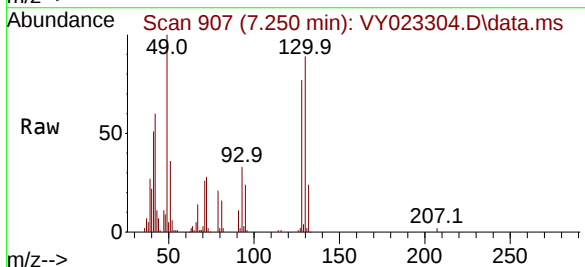
Tgt Ion: 49 Resp: 36037

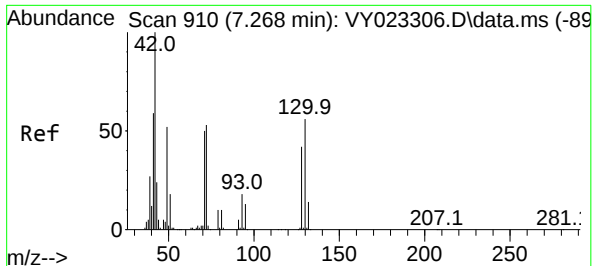
Ion Ratio Lower Upper

49 100

129 2.8 0.0 5.0

130 93.6 74.3 111.5





#29

Tetrahydrofuran

Concen: 51.300 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY023304.D

Acq: 08 Sep 2025 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

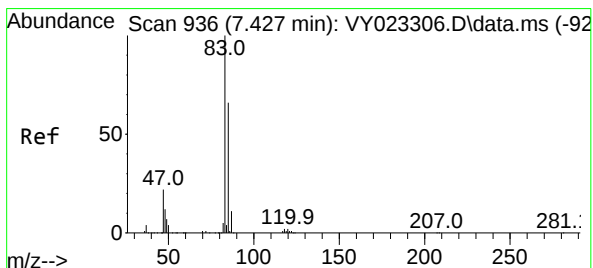
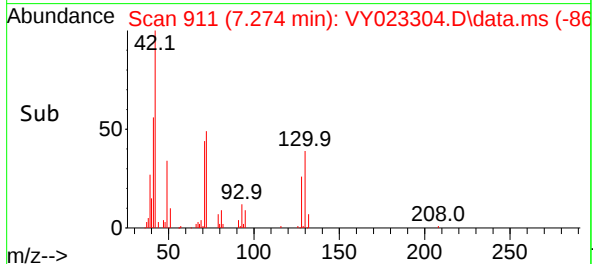
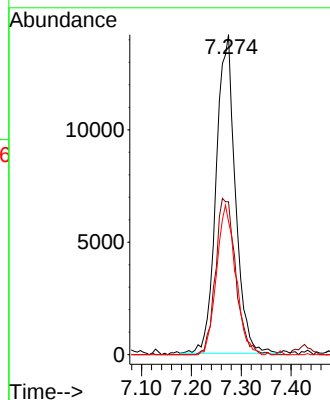
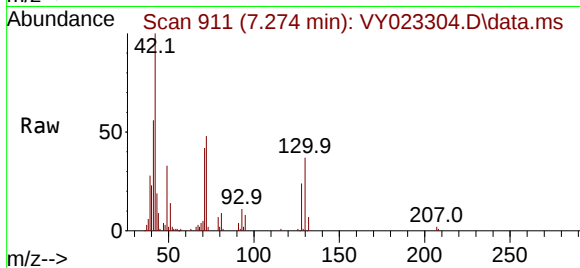
Tgt Ion: 42 Resp: 37859

Ion Ratio Lower Upper

42 100

72 51.8 40.4 60.6

71 46.9 38.5 57.7



#30

Chloroform

Concen: 10.664 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY023304.D

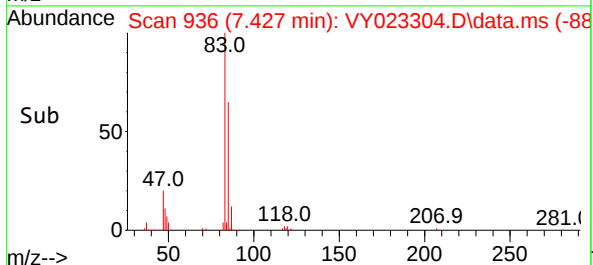
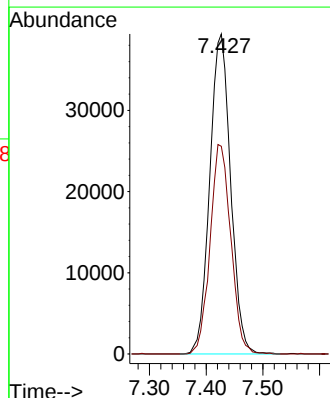
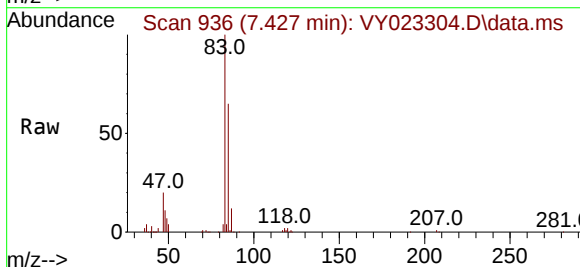
Acq: 08 Sep 2025 10:23

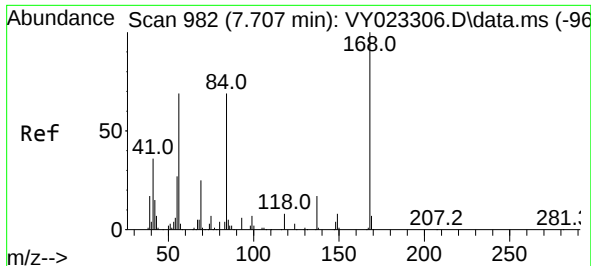
Tgt Ion: 83 Resp: 100564

Ion Ratio Lower Upper

83 100

85 64.9 52.4 78.6

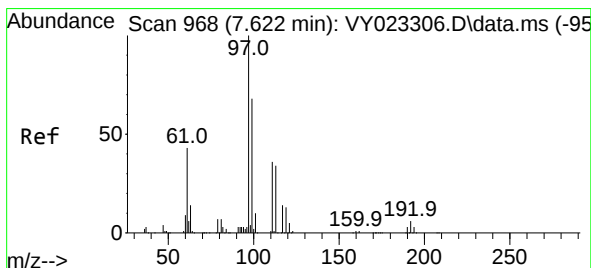
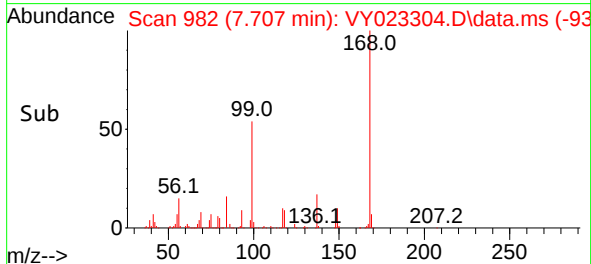
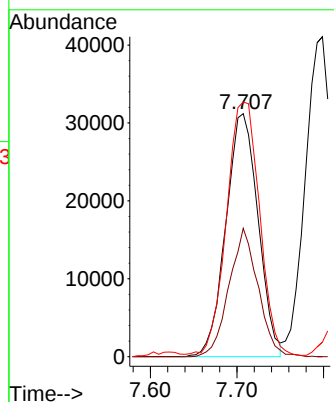
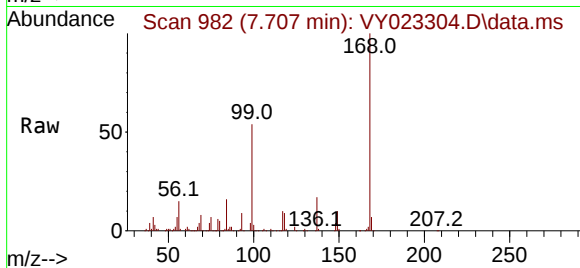




#31
Cyclohexane
Concen: 10.388 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

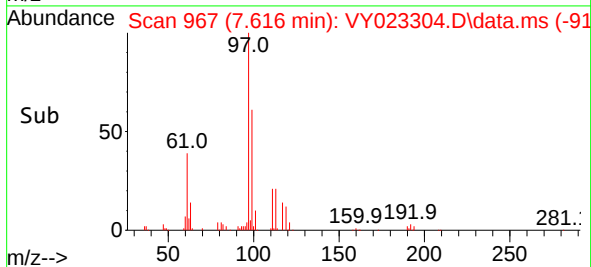
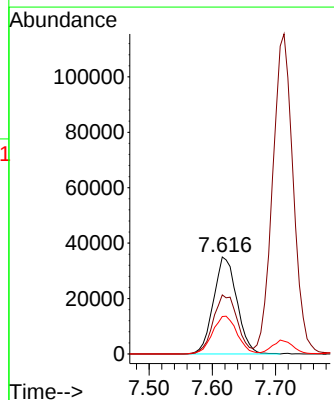
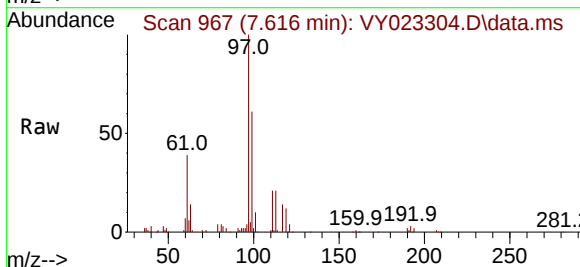
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

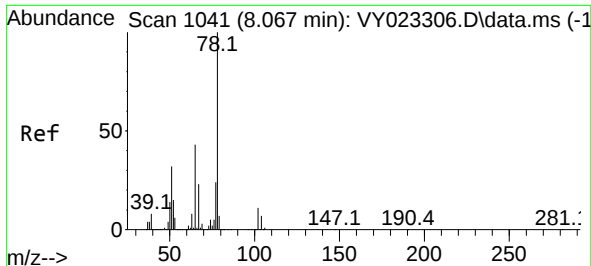
Tgt Ion: 56 Resp: 80679
Ion Ratio Lower Upper
56 100
69 52.8 29.1 43.7#
84 103.7 80.7 121.1



#32
1,1,1-Trichloroethane
Concen: 10.661 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

Tgt Ion: 97 Resp: 89821
Ion Ratio Lower Upper
97 100
99 62.9 52.2 78.4
61 41.0 33.2 49.8





#33

1,2-Dichloroethane-d4

Concen: 10.372 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY023304.D

Acq: 08 Sep 2025 10:23

Instrument :

MSVOA_Y

ClientSampleId :

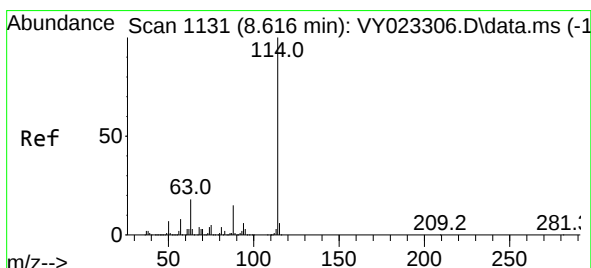
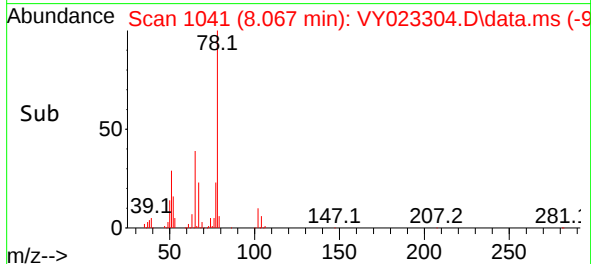
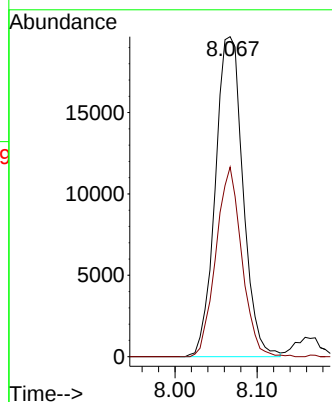
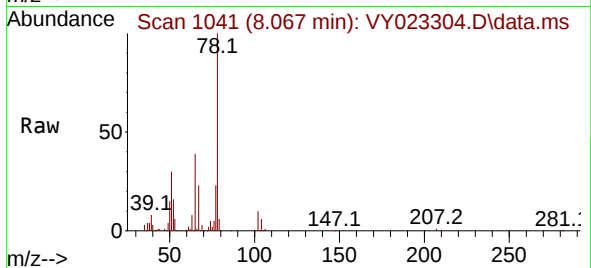
VSTDIC010

Tgt Ion: 65 Resp: 46032

Ion Ratio Lower Upper

65 100

67 55.4 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023304.D

Acq: 08 Sep 2025 10:23

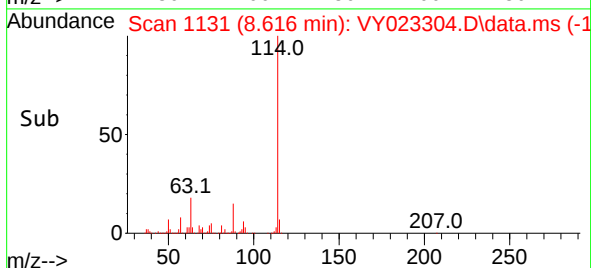
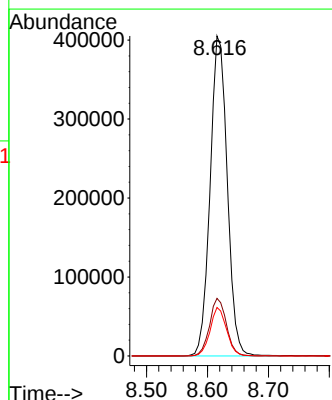
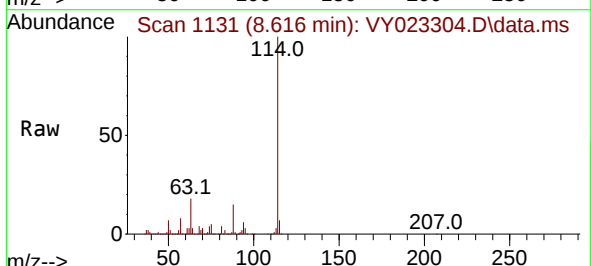
Tgt Ion: 114 Resp: 791591

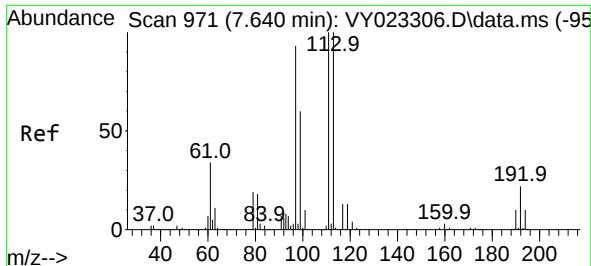
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.8

88 15.2 0.0 29.8

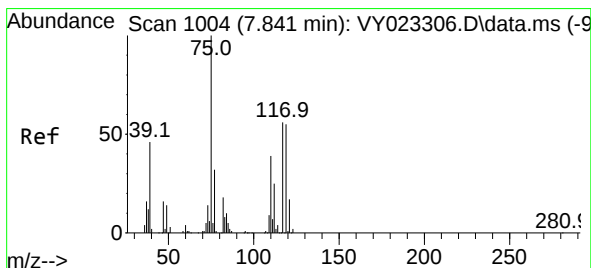
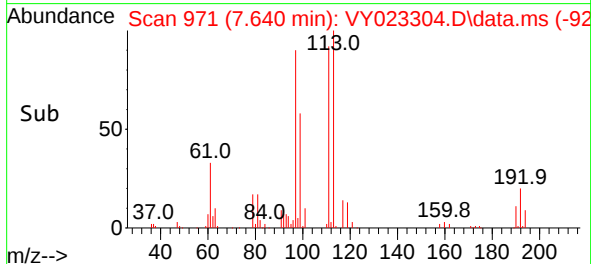
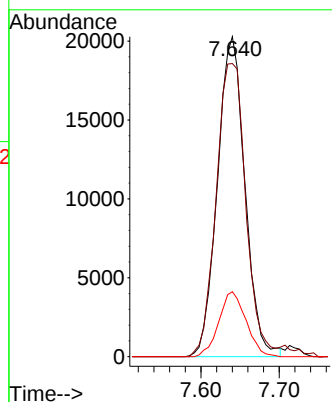
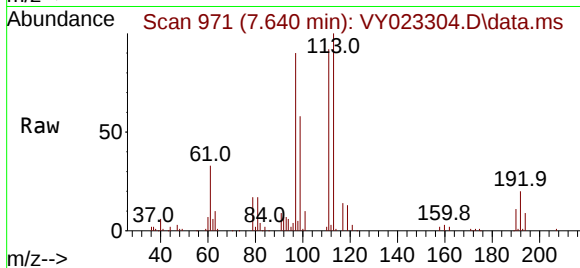




#35
Dibromofluoromethane
Concen: 10.234 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

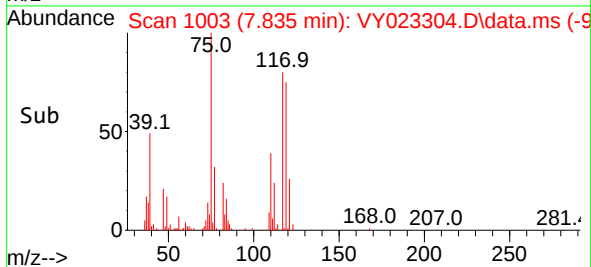
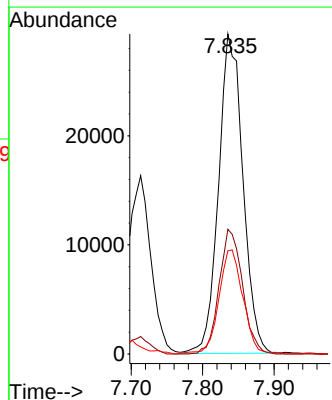
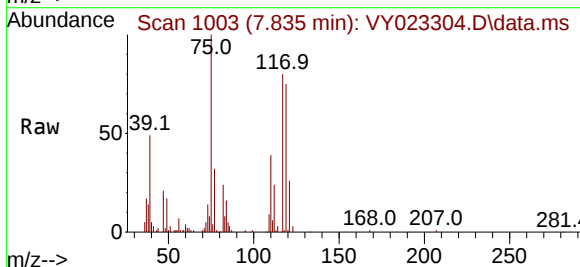
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

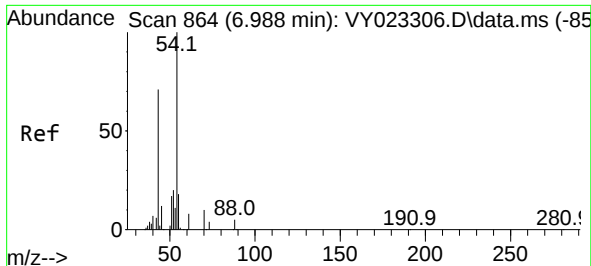
Tgt Ion:113 Resp: 49520
Ion Ratio Lower Upper
113 100
111 98.4 82.2 123.2
192 20.1 17.2 25.8



#36
1,1-Dichloropropene
Concen: 10.045 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

Tgt Ion: 75 Resp: 69230
Ion Ratio Lower Upper
75 100
110 37.4 19.3 57.9
77 32.2 25.2 37.8





#37

Ethyl Acetate

Concen: 10.581 ug/l

RT: 6.988 min Scan# 864

Delta R.T. -0.000 min

Lab File: VY023304.D

Acq: 08 Sep 2025 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

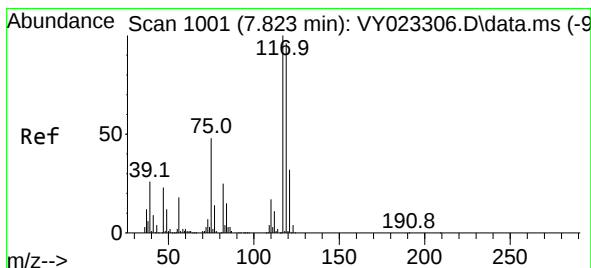
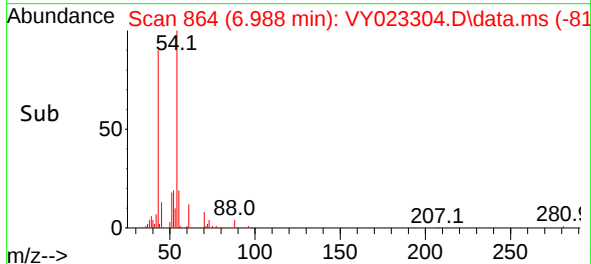
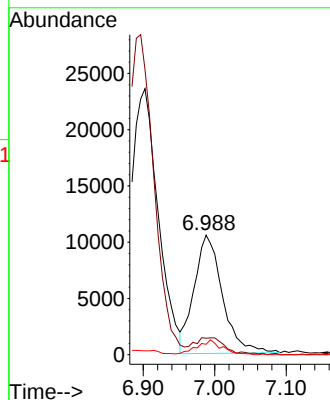
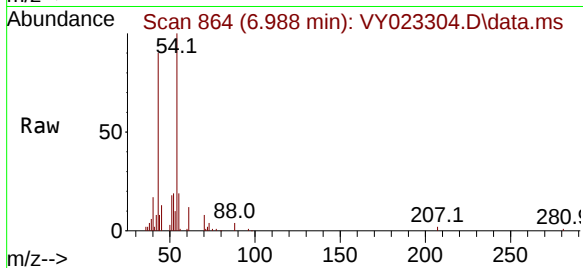
Tgt Ion: 43 Resp: 29009

Ion Ratio Lower Upper

43 100

61 16.1 12.9 19.3

70 10.8 9.1 13.7



#38

Carbon Tetrachloride

Concen: 10.476 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY023304.D

Acq: 08 Sep 2025 10:23

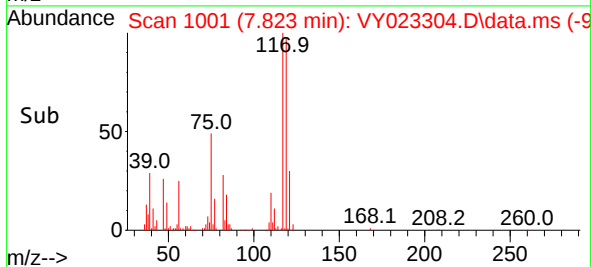
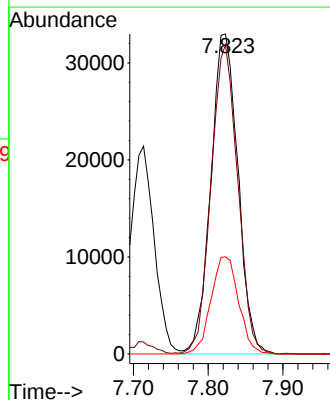
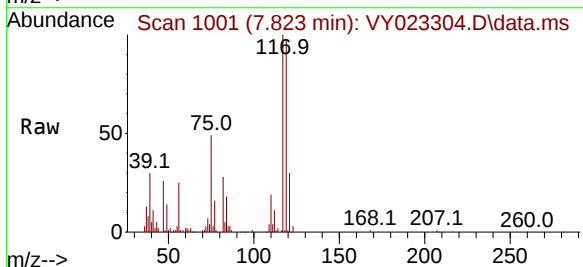
Tgt Ion: 117 Resp: 83071

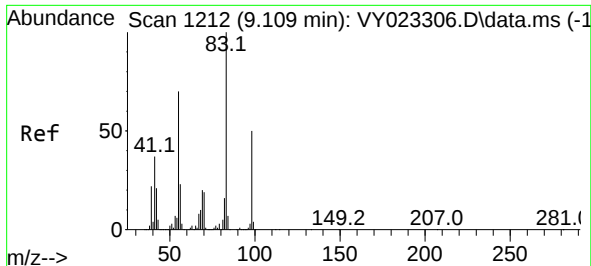
Ion Ratio Lower Upper

117 100

119 96.6 76.5 114.7

121 30.3 25.2 37.8





#39

Methylcyclohexane

Concen: 9.528 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023304.D

Acq: 08 Sep 2025 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

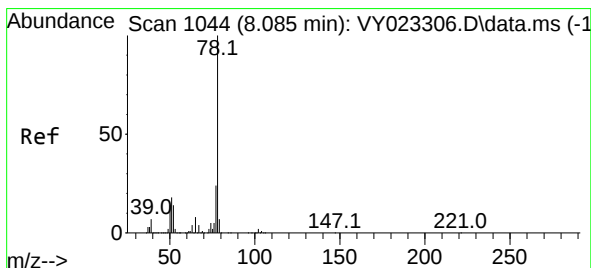
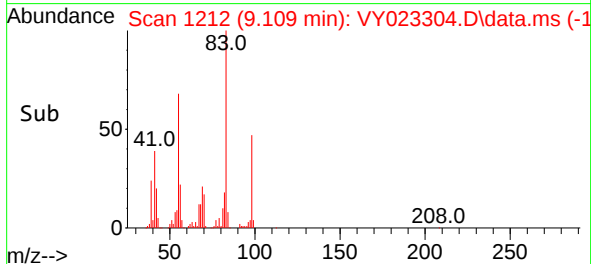
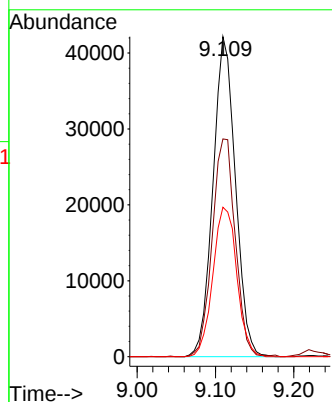
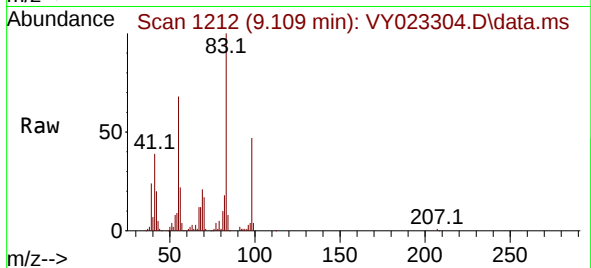
Tgt Ion: 83 Resp: 84000

Ion Ratio Lower Upper

83 100

55 68.1 56.1 84.1

98 46.7 39.8 59.8



#40

Benzene

Concen: 10.055 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY023304.D

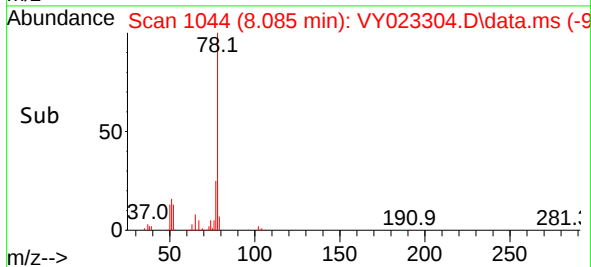
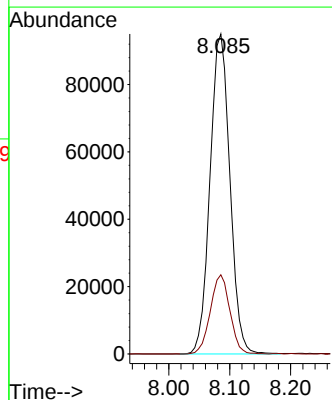
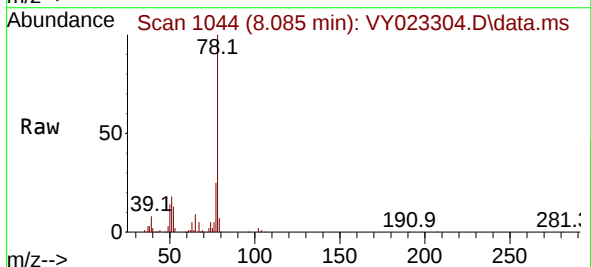
Acq: 08 Sep 2025 10:23

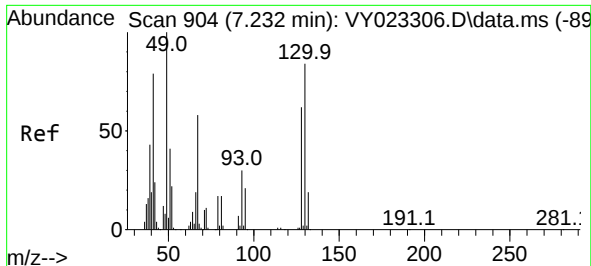
Tgt Ion: 78 Resp: 215396

Ion Ratio Lower Upper

78 100

77 24.8 19.0 28.6

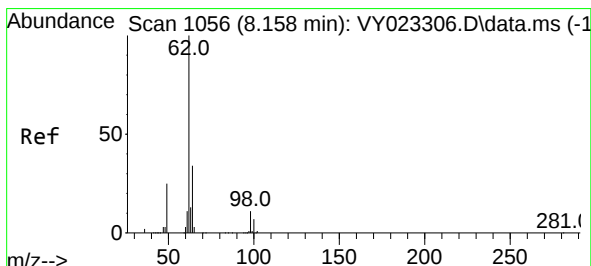
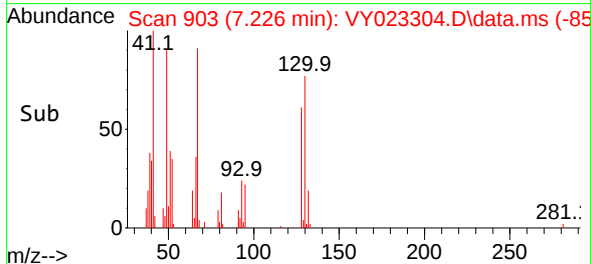
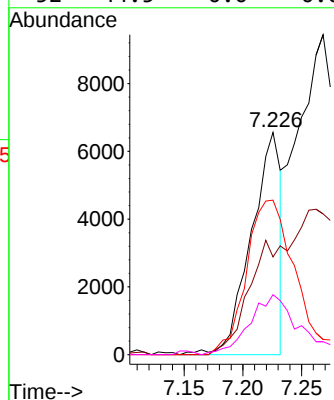
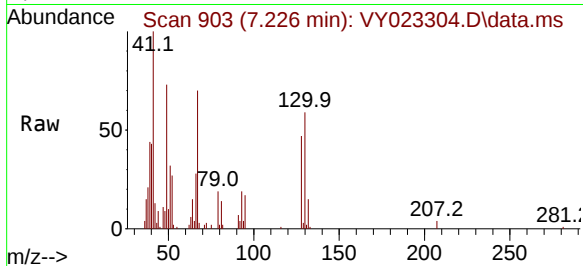




#41
Methacrylonitrile
Concen: 7.568 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

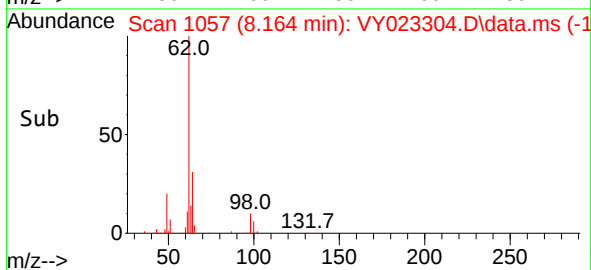
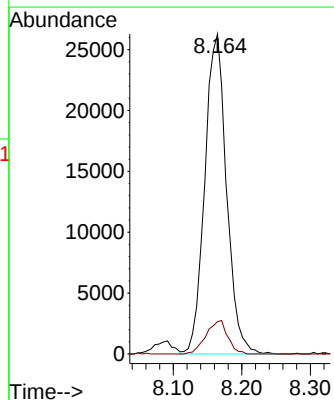
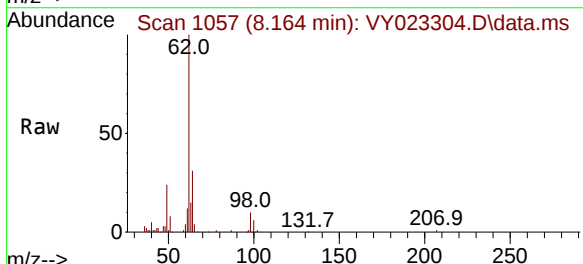
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

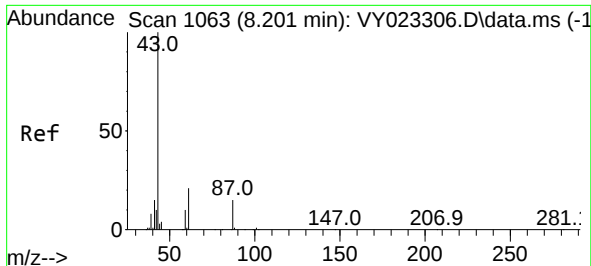
Tgt Ion: 41 Resp: 11528
Ion Ratio Lower Upper
41 100
39 45.6 56.1 84.1#
67 112.8 0.0 0.0#
52 44.5 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 10.642 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

Tgt Ion: 62 Resp: 58041
Ion Ratio Lower Upper
62 100
98 10.4 0.0 21.6

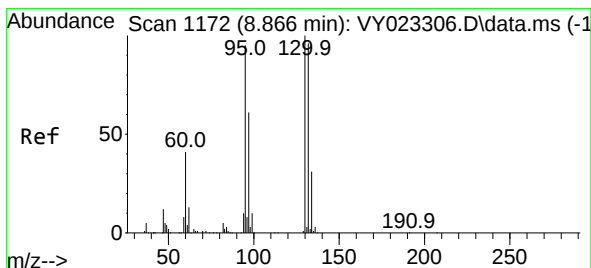
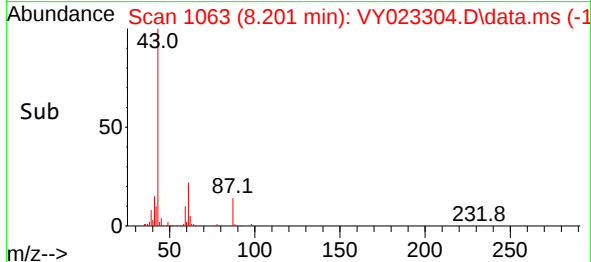
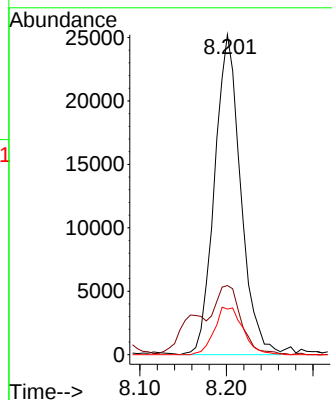
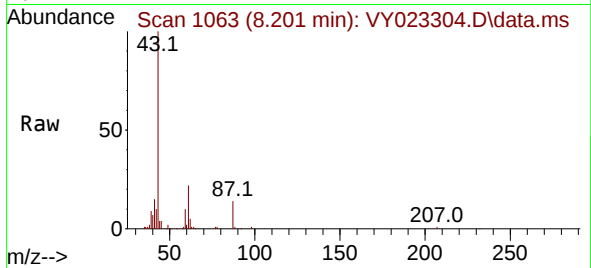




#43
Isopropyl Acetate
Concen: 9.920 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

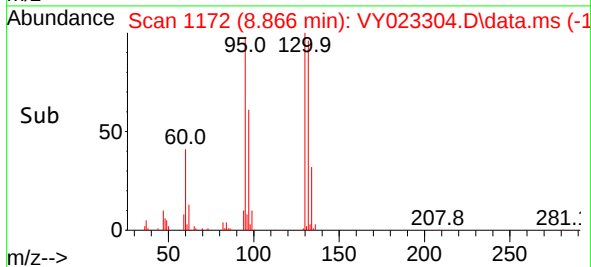
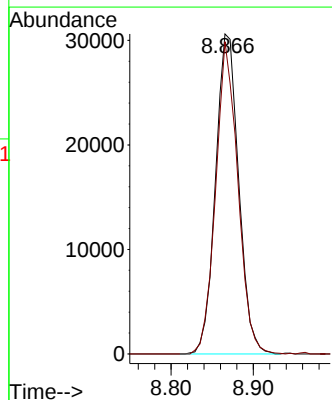
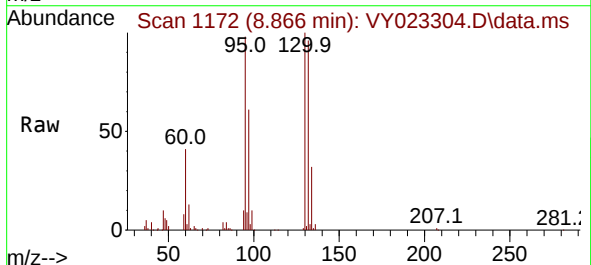
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

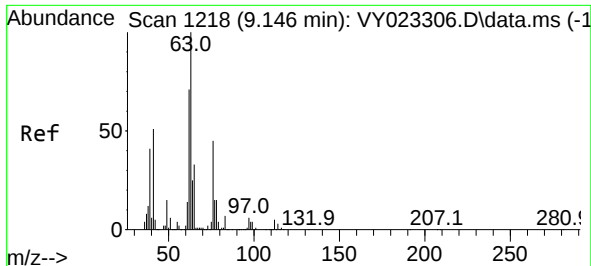
Tgt Ion: 43 Resp: 52895
Ion Ratio Lower Upper
43 100
61 22.3 17.1 25.7
87 16.2 12.6 18.8



#44
Trichloroethene
Concen: 10.039 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

Tgt Ion:130 Resp: 59900
Ion Ratio Lower Upper
130 100
95 97.6 0.0 189.8

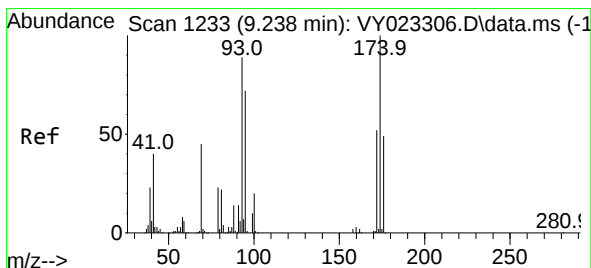
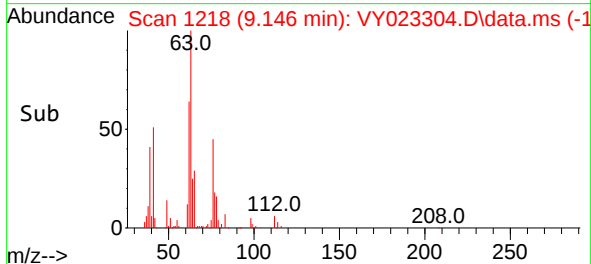
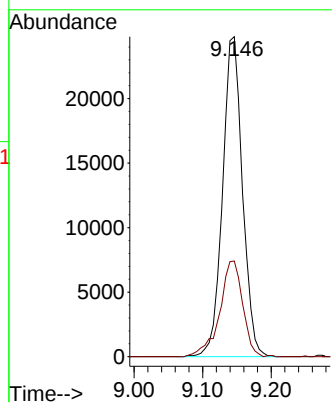
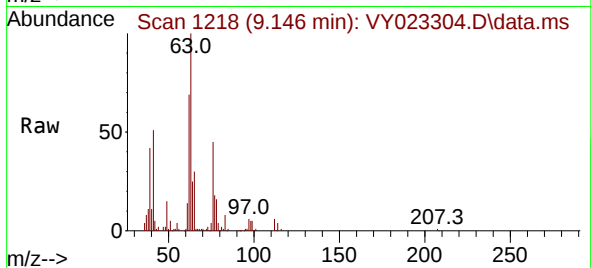




#45
1,2-Dichloropropane
Concen: 10.305 ug/l
RT: 9.146 min Scan# 1218
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

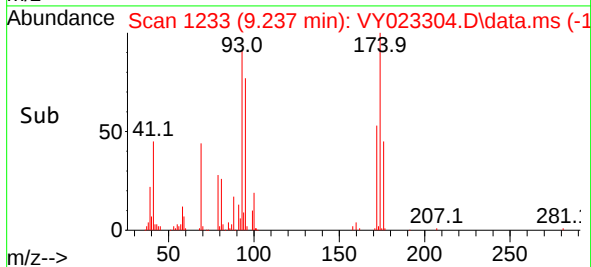
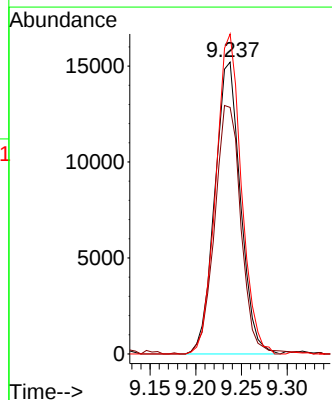
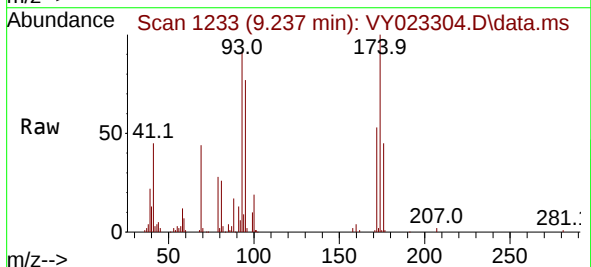
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 63 Resp: 49852
Ion Ratio Lower Upper
63 100
65 29.9 26.4 39.6



#46
Dibromomethane
Concen: 10.096 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

Tgt Ion: 93 Resp: 29746
Ion Ratio Lower Upper
93 100
95 87.2 65.8 98.6
174 108.7 86.0 129.0

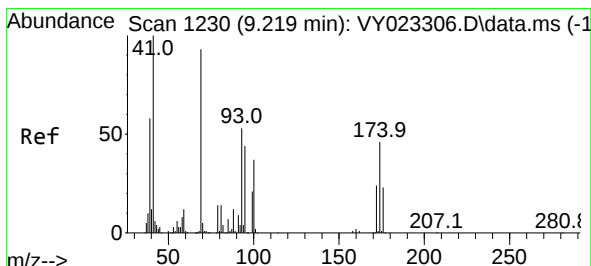
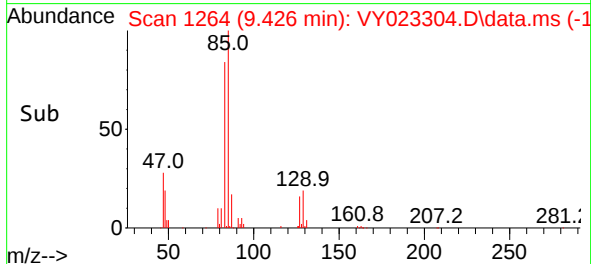
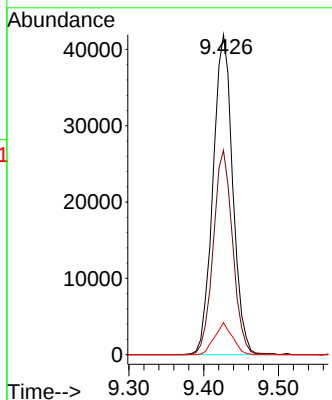
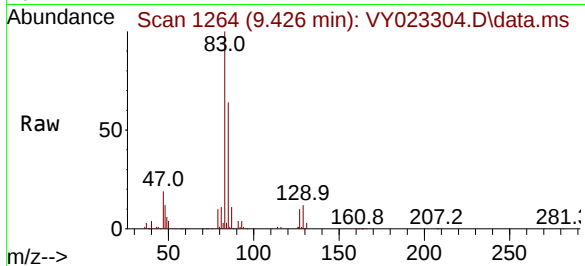




#47
Bromodichloromethane
Concen: 10.400 ug/l
RT: 9.426 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

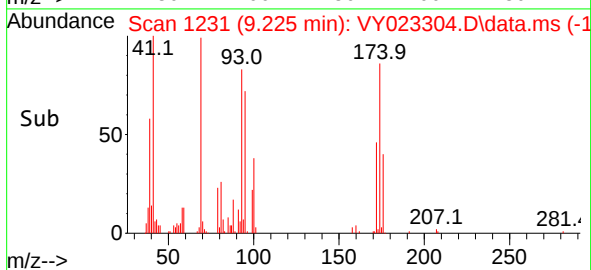
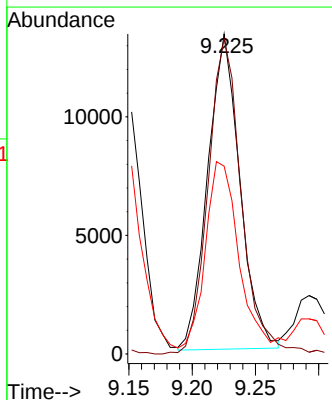
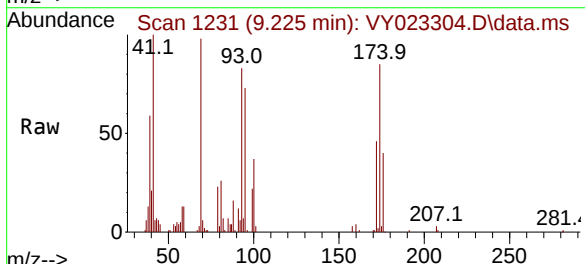
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

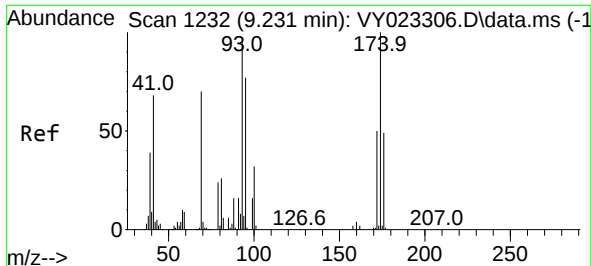
Tgt Ion: 83 Resp: 77086
Ion Ratio Lower Upper
83 100
85 63.8 51.5 77.3
127 10.0 7.2 10.8



#48
Methyl methacrylate
Concen: 9.469 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

Tgt Ion: 41 Resp: 23535
Ion Ratio Lower Upper
41 100
69 103.2 77.8 116.8
39 60.2 45.9 68.9





#49

1,4-Dioxane

Concen: 210.819 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023304.D

Acq: 08 Sep 2025 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

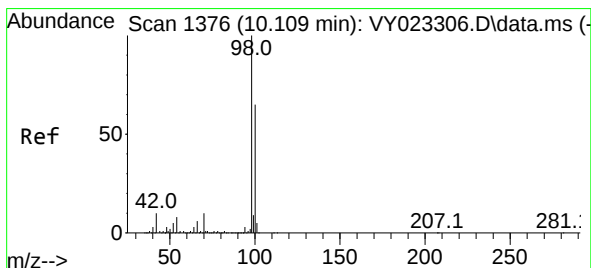
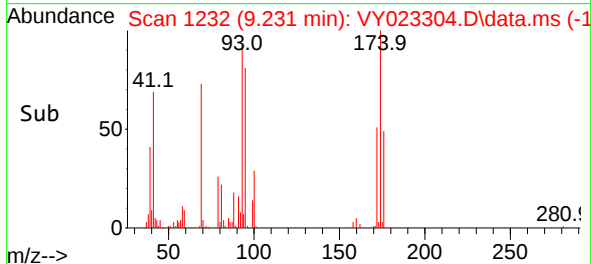
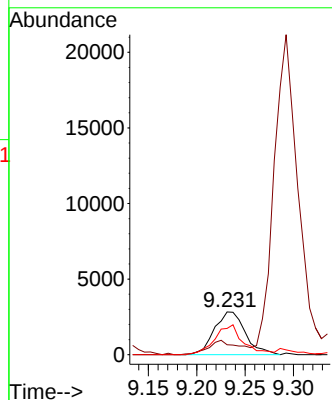
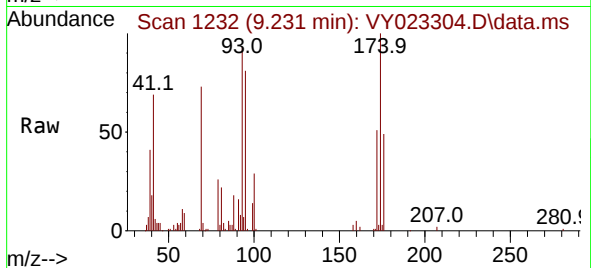
Tgt Ion: 88 Resp: 6305

Ion Ratio Lower Upper

88 100

43 33.5 24.6 37.0

58 63.6 48.0 72.0



#50

Toluene-d8

Concen: 9.752 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY023304.D

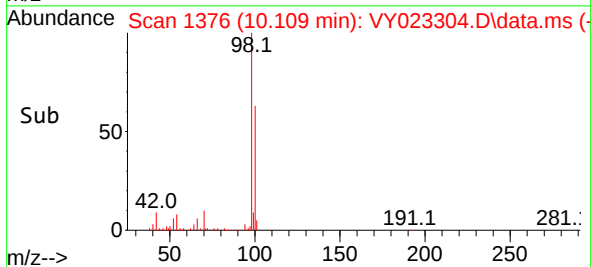
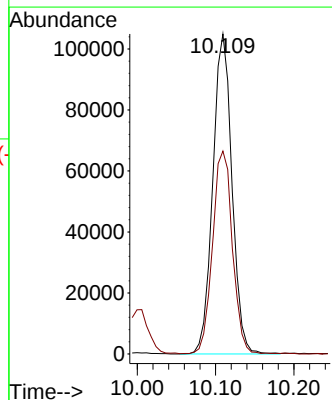
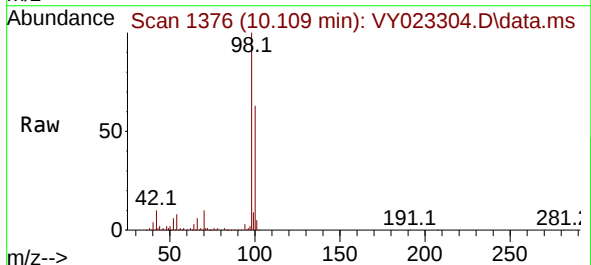
Acq: 08 Sep 2025 10:23

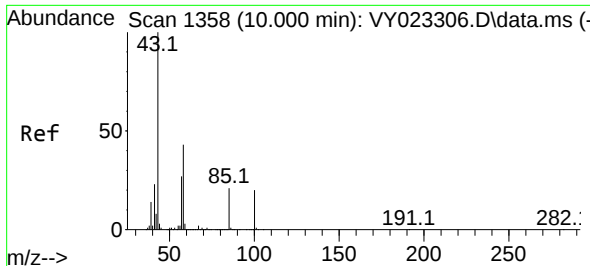
Tgt Ion: 98 Resp: 178174

Ion Ratio Lower Upper

98 100

100 65.5 52.7 79.1

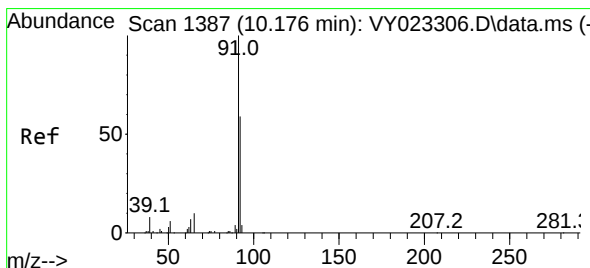
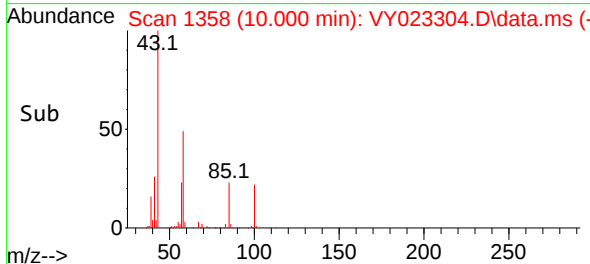
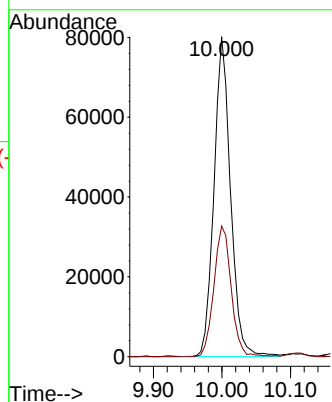
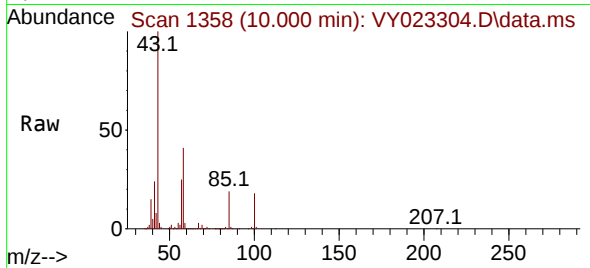




#51
4-Methyl-2-Pentanone
Concen: 49.321 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

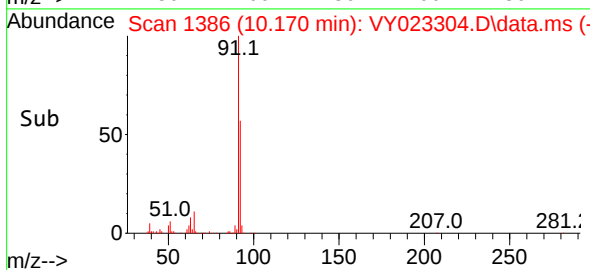
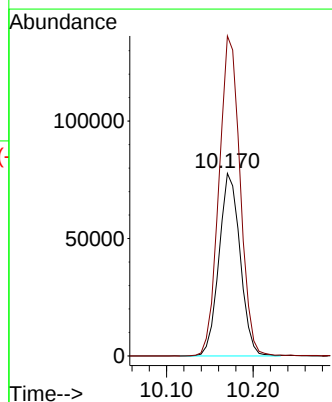
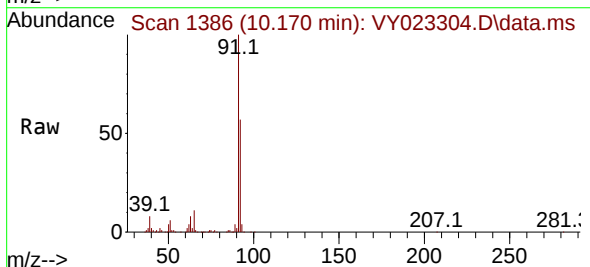
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

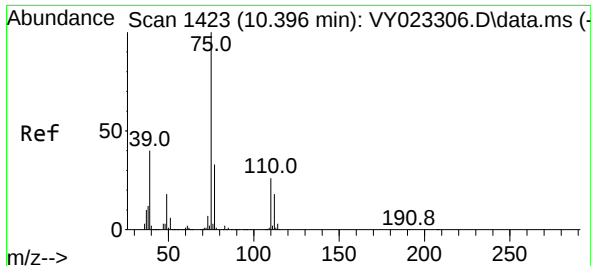
Tgt Ion: 43 Resp: 134544
Ion Ratio Lower Upper
43 100
58 42.6 34.6 52.0



#52
Toluene
Concen: 9.674 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

Tgt Ion: 92 Resp: 131503
Ion Ratio Lower Upper
92 100
91 176.1 136.6 204.8

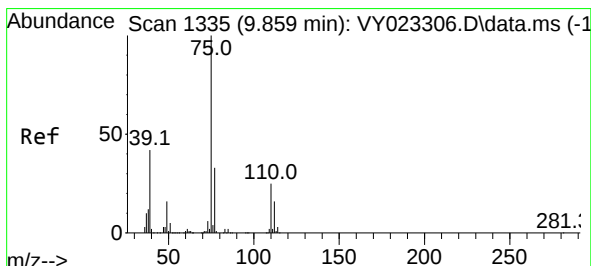
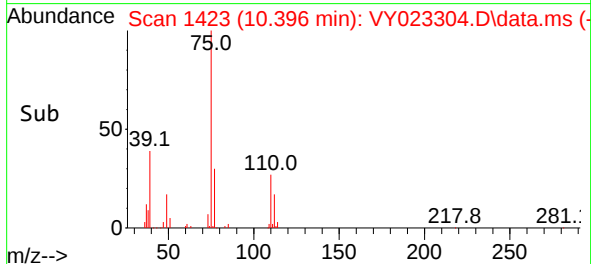
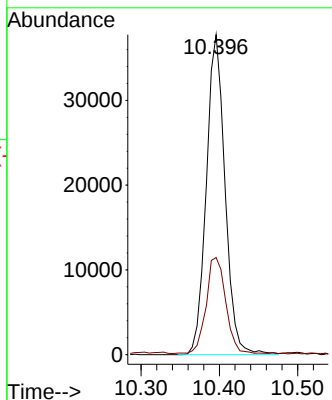
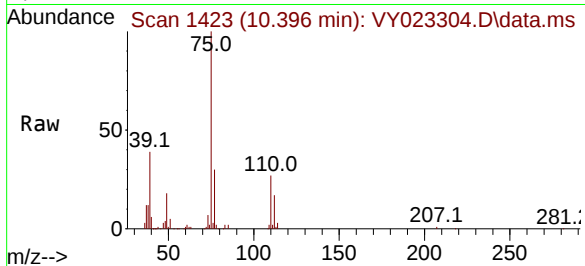




#53
t-1,3-Dichloropropene
Concen: 9.801 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

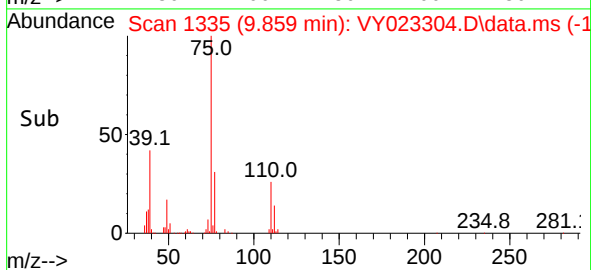
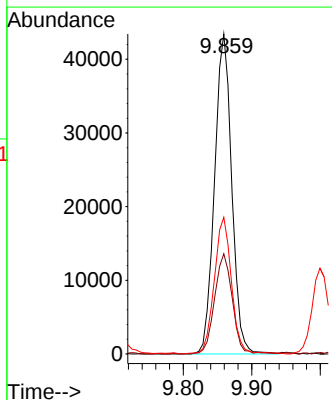
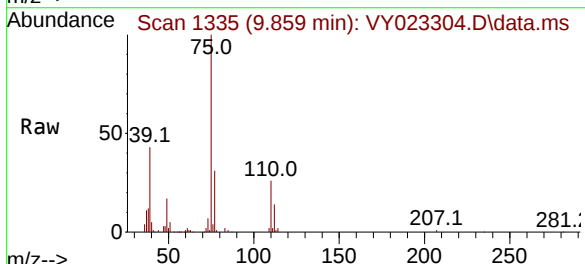
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

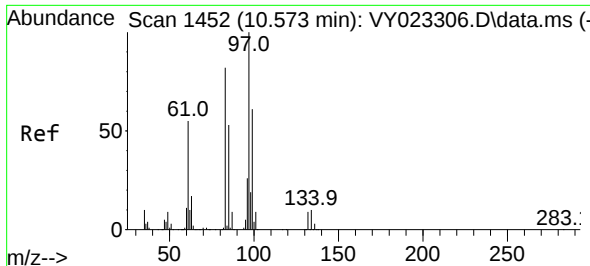
Tgt Ion: 75 Resp: 62546
Ion Ratio Lower Upper
75 100
77 30.0 26.0 39.0



#54
cis-1,3-Dichloropropene
Concen: 9.904 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

Tgt Ion: 75 Resp: 75522
Ion Ratio Lower Upper
75 100
77 31.3 26.1 39.1
39 42.5 33.5 50.3

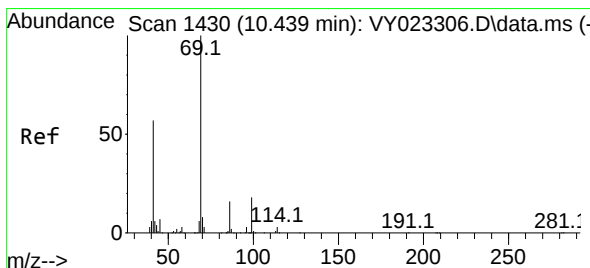
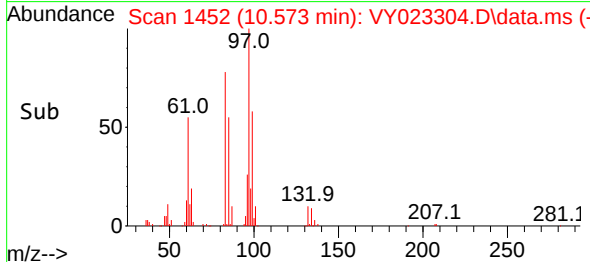
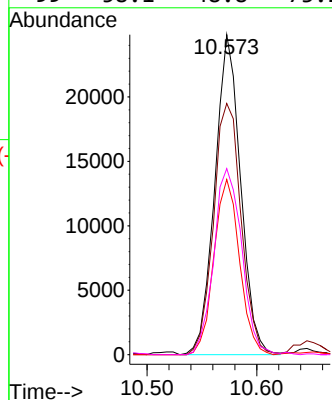
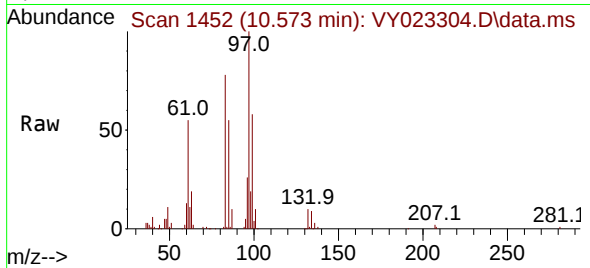




#55
1,1,2-Trichloroethane
Concen: 10.347 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

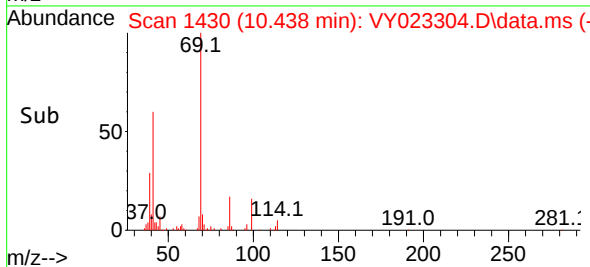
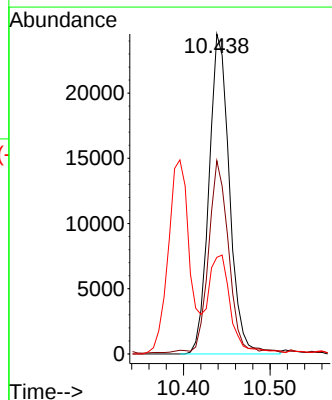
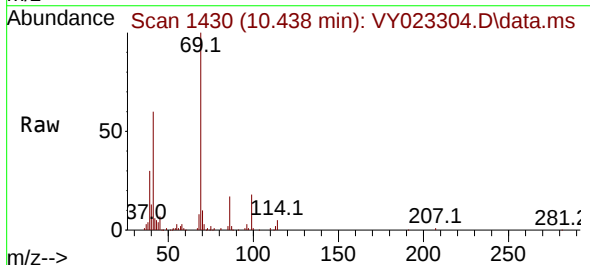
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

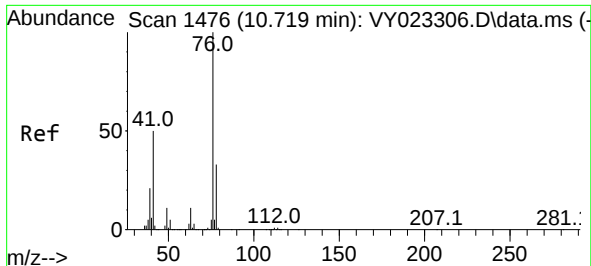
Tgt Ion:	97	Resp:	40549
Ion	Ratio	Lower	Upper
97	100		
83	78.5	65.3	97.9
85	54.7	42.6	63.8
99	58.1	48.8	73.2



#56
Ethyl methacrylate
Concen: 8.899 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

Tgt Ion:	69	Resp:	40408
Ion	Ratio	Lower	Upper
69	100		
41	59.5	45.9	68.9
39	32.6	26.2	39.4





#57

1,3-Dichloropropane

Concen: 10.110 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY023304.D

Acq: 08 Sep 2025 10:23

Instrument :

MSVOA_Y

ClientSampleId :

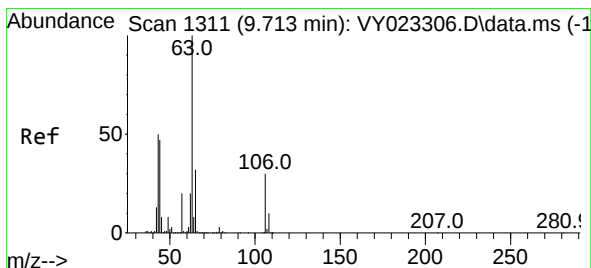
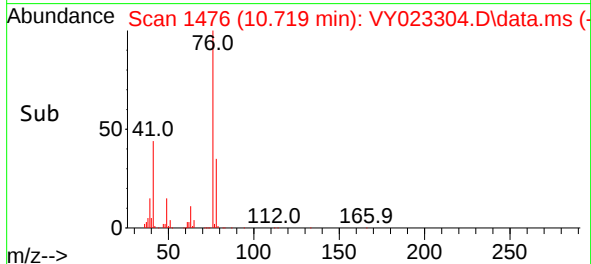
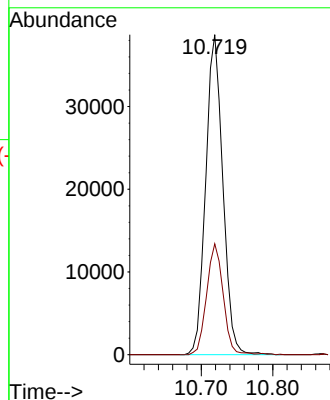
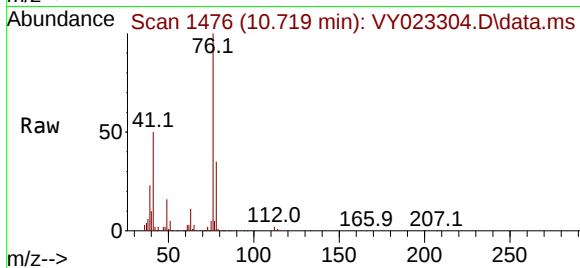
VSTDIC010

Tgt Ion: 76 Resp: 64325

Ion Ratio Lower Upper

76 100

78 33.4 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 41.645 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY023304.D

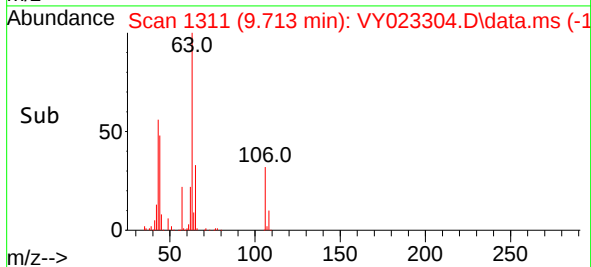
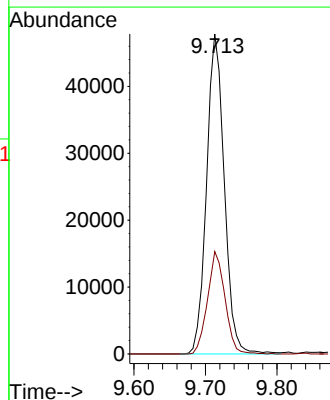
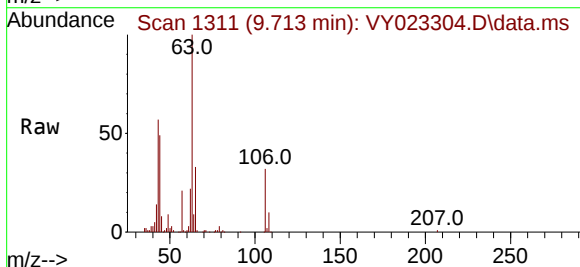
Acq: 08 Sep 2025 10:23

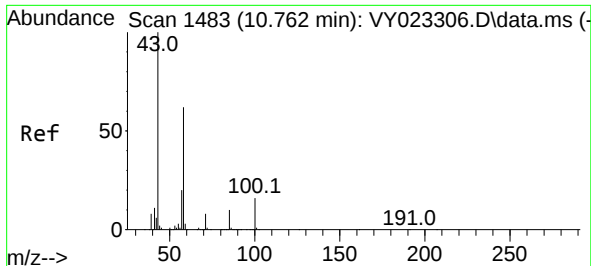
Tgt Ion: 63 Resp: 82414

Ion Ratio Lower Upper

63 100

106 31.6 24.9 37.3





#59

2-Hexanone

Concen: 48.551 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. -0.000 min

Lab File: VY023304.D

Acq: 08 Sep 2025 10:23

Instrument :

MSVOA_Y

ClientSampleId :

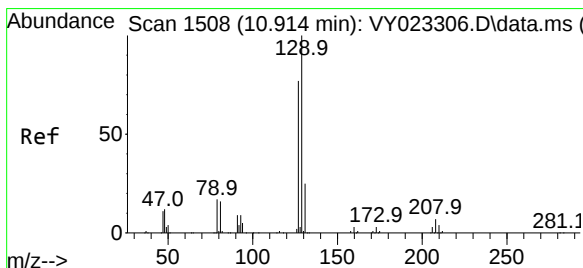
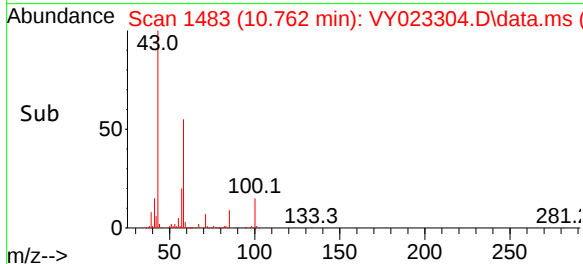
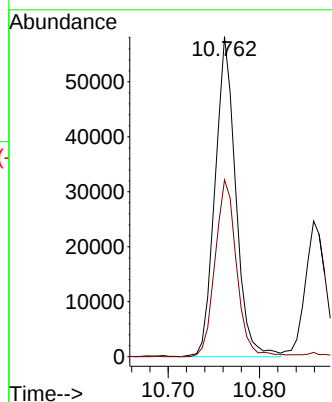
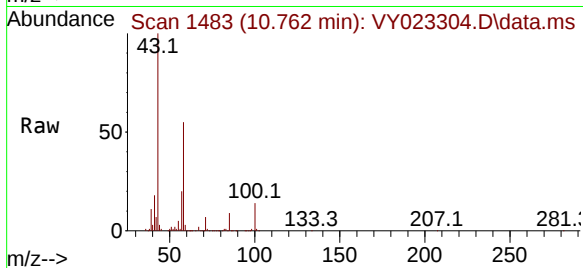
VSTDIC010

Tgt Ion: 43 Resp: 91559

Ion Ratio Lower Upper

43 100

58 57.5 30.6 91.6



#60

Dibromochloromethane

Concen: 10.133 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. -0.000 min

Lab File: VY023304.D

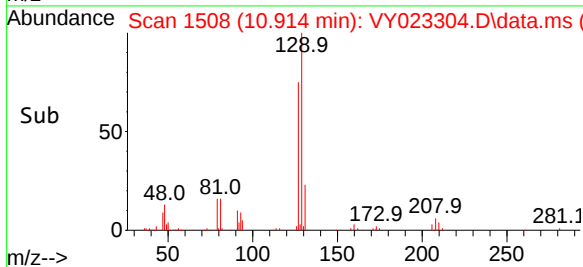
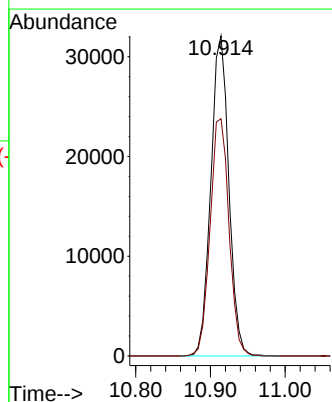
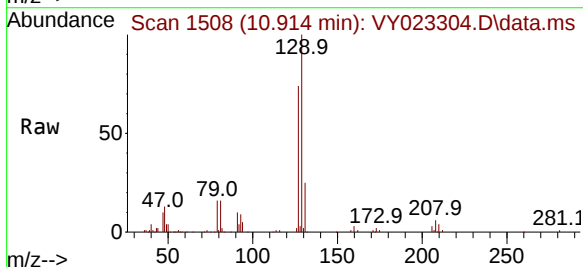
Acq: 08 Sep 2025 10:23

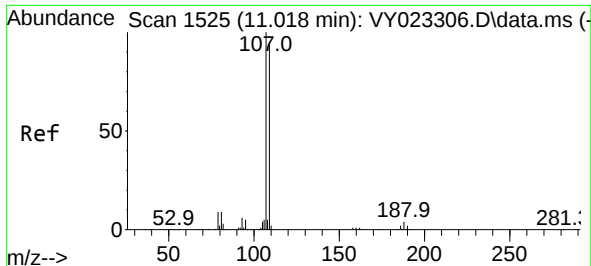
Tgt Ion: 129 Resp: 53881

Ion Ratio Lower Upper

129 100

127 77.7 38.6 115.8

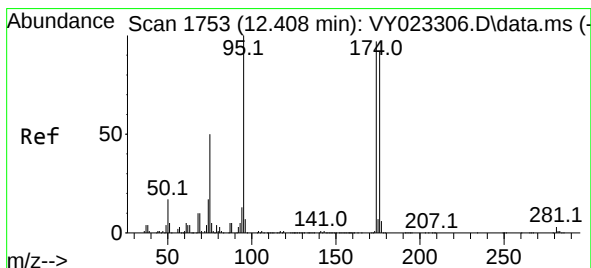
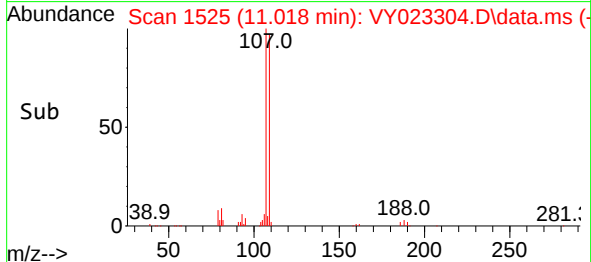
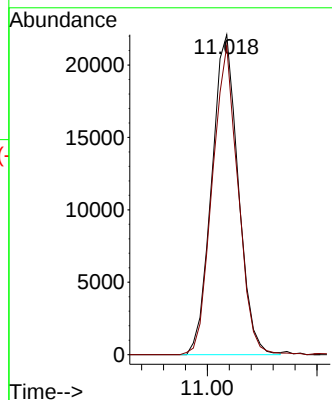
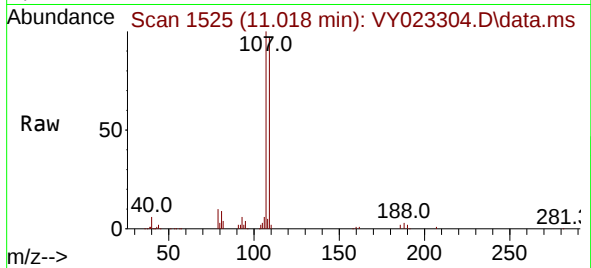




#61
1,2-Dibromoethane
Concen: 10.103 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

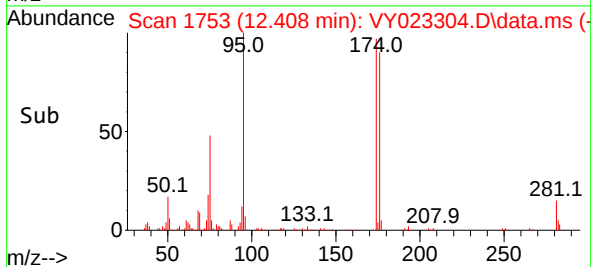
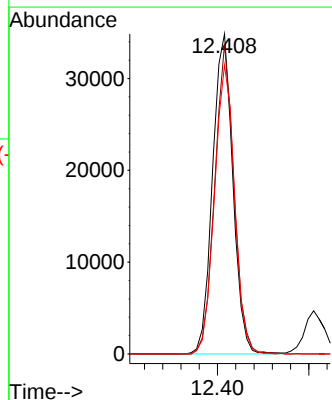
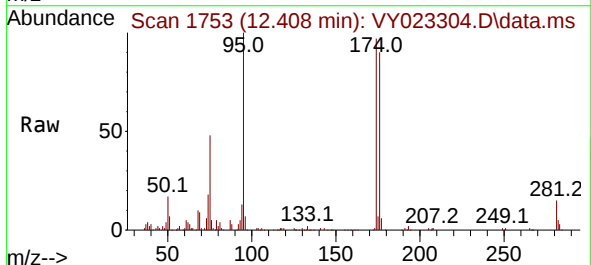
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

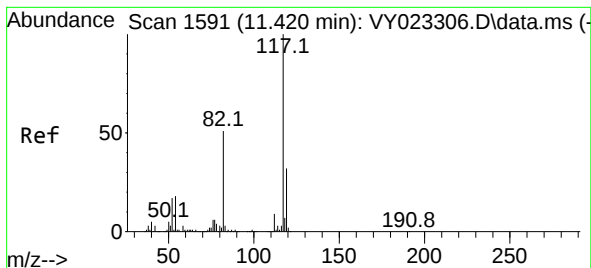
Tgt Ion:107 Resp: 37104
Ion Ratio Lower Upper
107 100
109 93.7 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 9.329 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

Tgt Ion: 95 Resp: 53639
Ion Ratio Lower Upper
95 100
174 92.3 0.0 184.0
176 89.7 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: VY023304.D

Acq: 08 Sep 2025 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

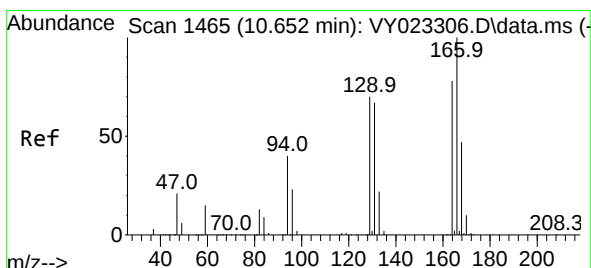
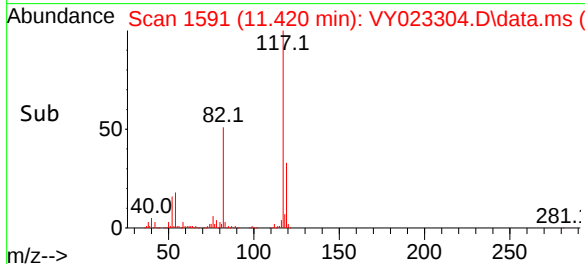
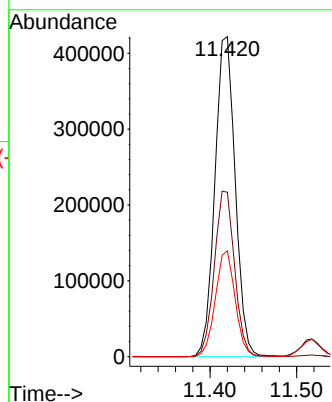
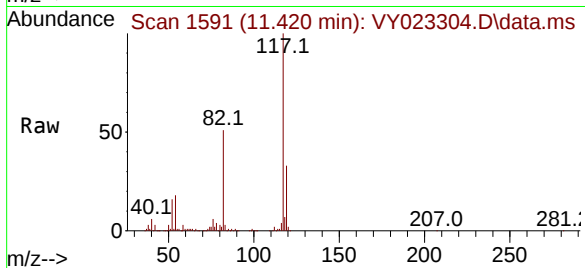
Tgt Ion:117 Resp: 688550

Ion Ratio Lower Upper

117 100

82 51.4 41.0 61.4

119 33.1 25.5 38.3



#64

Tetrachloroethene

Concen: 9.702 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY023304.D

Acq: 08 Sep 2025 10:23

Tgt Ion:164 Resp: 66581

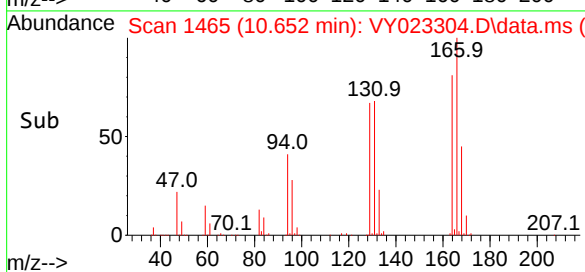
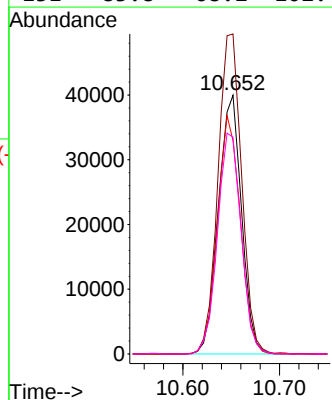
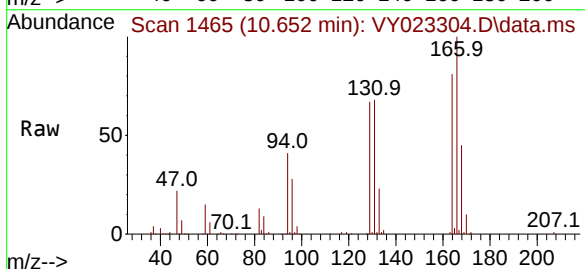
Ion Ratio Lower Upper

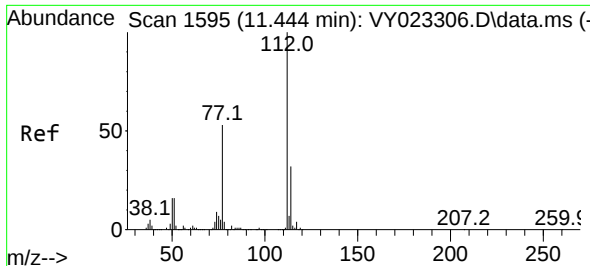
164 100

166 123.7 102.0 153.0

129 82.4 71.2 106.8

131 83.8 68.2 102.4

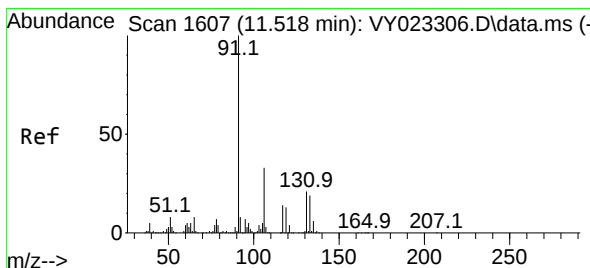
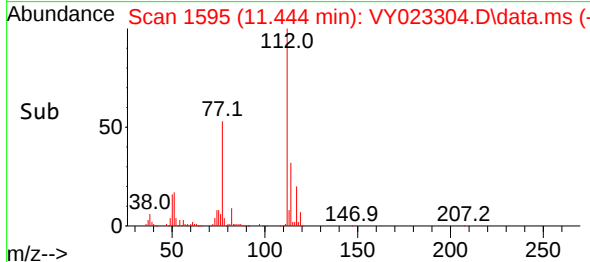
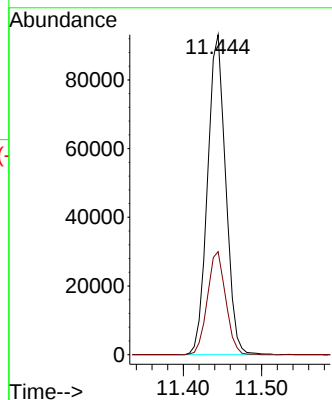
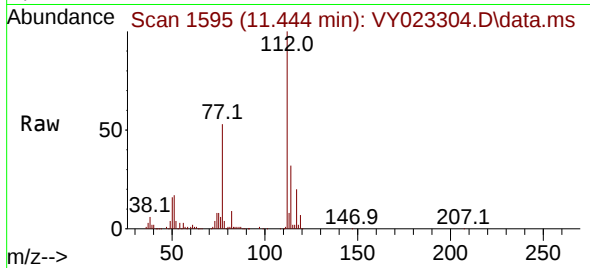




#65
Chlorobenzene
Concen: 9.921 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

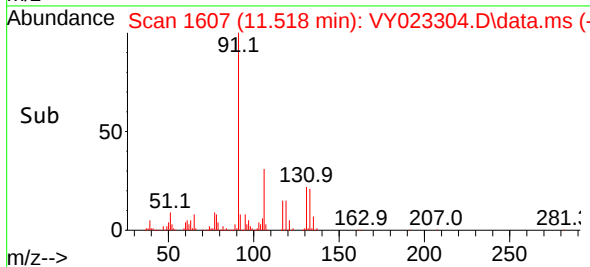
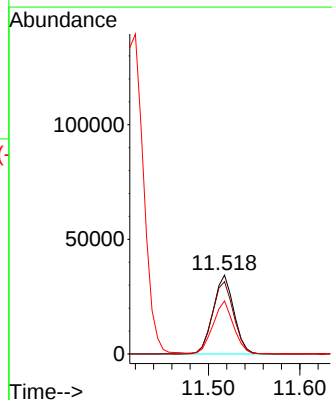
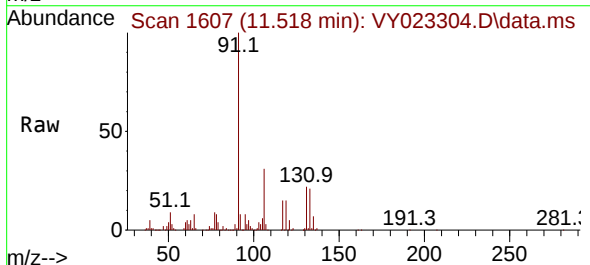
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

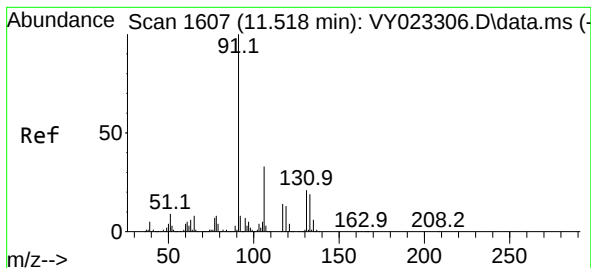
Tgt Ion:112 Resp: 149644
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 10.245 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

Tgt Ion:131 Resp: 54244
Ion Ratio Lower Upper
131 100
133 94.0 47.5 142.6
119 67.0 33.2 99.6

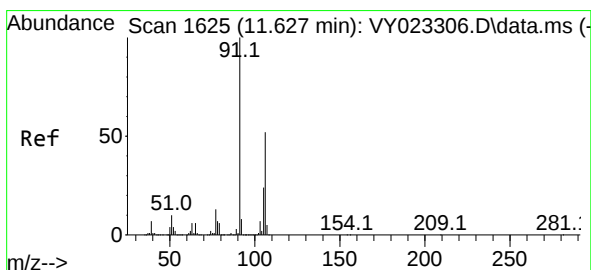
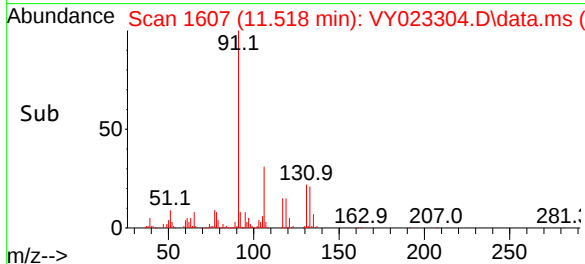
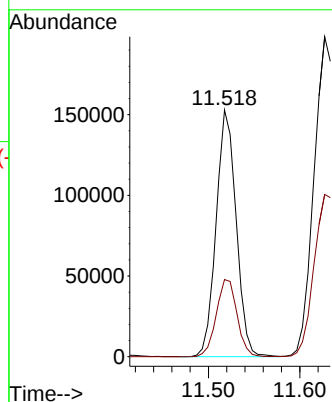
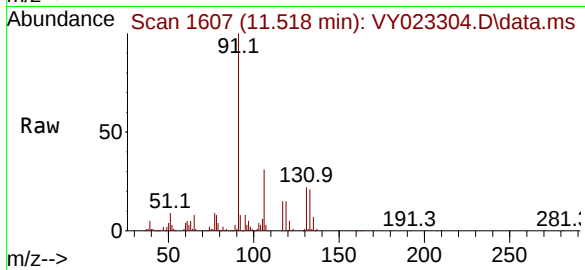




#67
Ethyl Benzene
Concen: 9.466 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

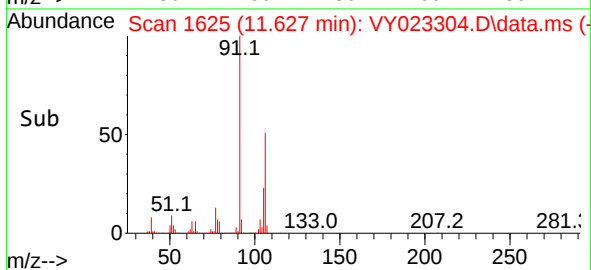
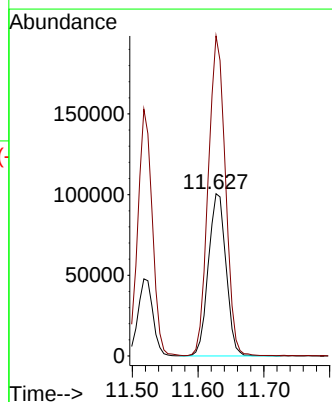
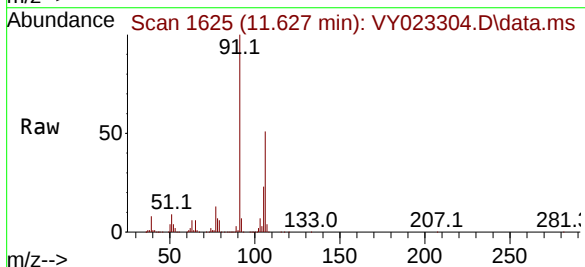
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

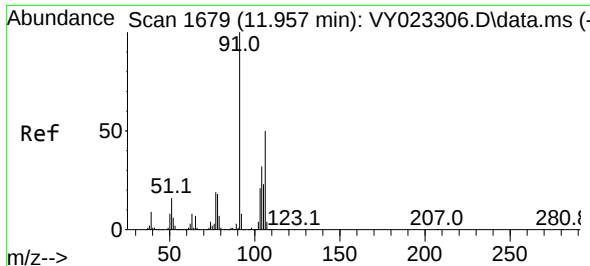
Tgt Ion: 91 Resp: 233279
Ion Ratio Lower Upper
91 100
106 31.3 26.1 39.1



#68
m/p-Xylenes
Concen: 19.035 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

Tgt Ion: 106 Resp: 187831
Ion Ratio Lower Upper
106 100
91 190.9 153.9 230.9

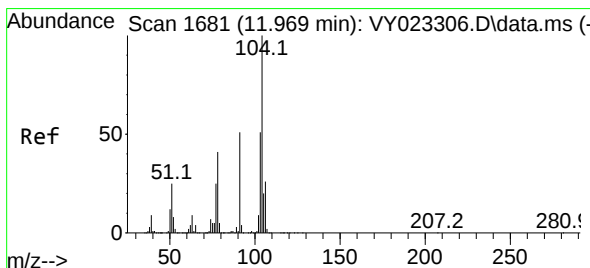
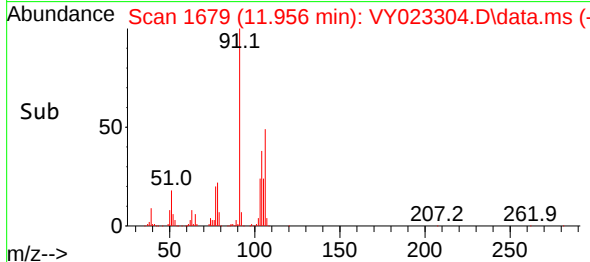
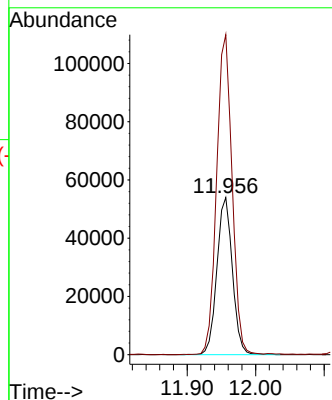
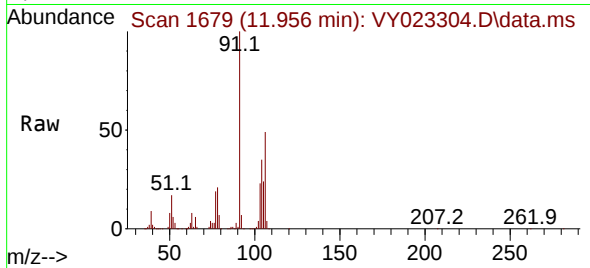




#69
o-Xylene
Concen: 9.248 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

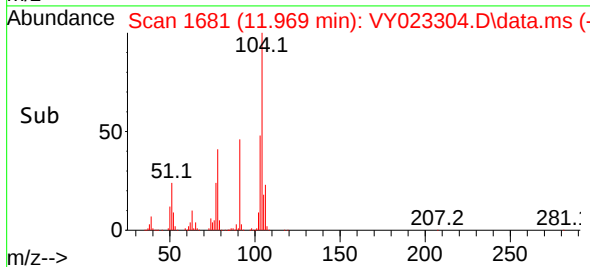
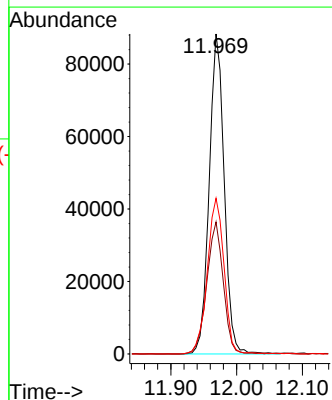
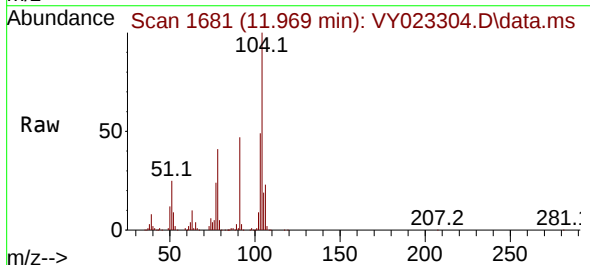
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

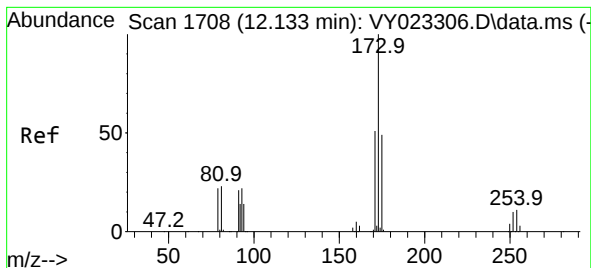
Tgt Ion:106 Resp: 84481
Ion Ratio Lower Upper
106 100
91 203.9 102.2 306.5



#70
Styrene
Concen: 9.275 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

Tgt Ion:104 Resp: 140425
Ion Ratio Lower Upper
104 100
78 45.3 36.0 54.0
103 54.1 43.2 64.8





#71

Bromoform

Concen: 10.064 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023304.D

Acq: 08 Sep 2025 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

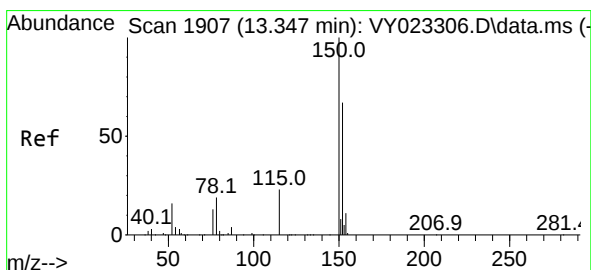
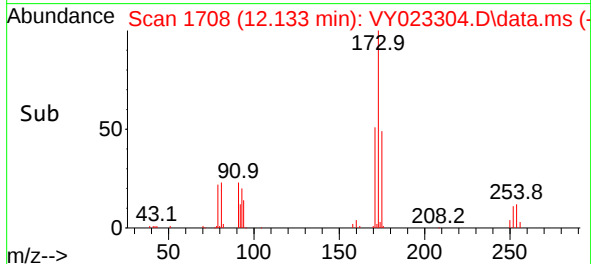
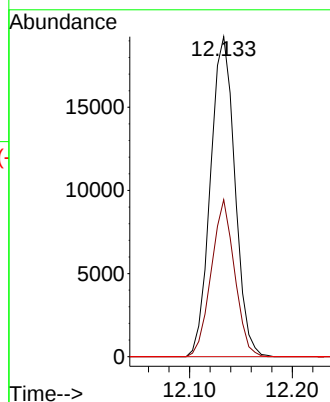
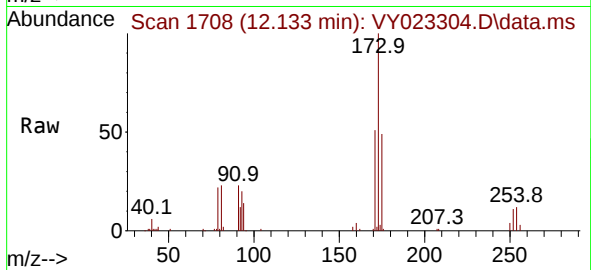
Tgt Ion:173 Resp: 31732

Ion Ratio Lower Upper

173 100

175 46.8 24.6 73.6

254 0.0 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: VY023304.D

Acq: 08 Sep 2025 10:23

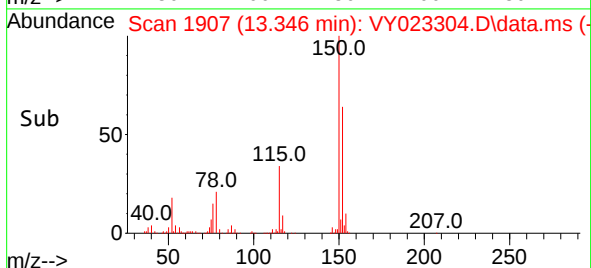
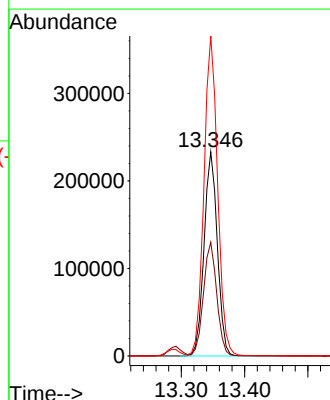
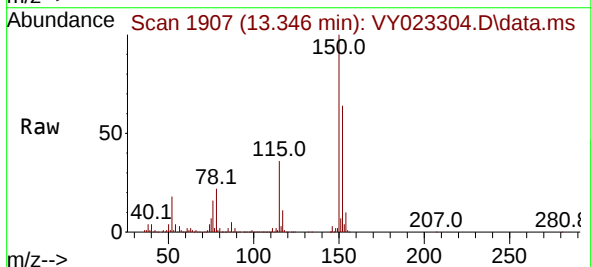
Tgt Ion:152 Resp: 341346

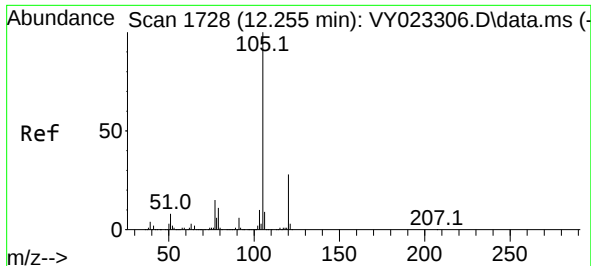
Ion Ratio Lower Upper

152 100

115 55.6 27.7 83.1

150 160.7 0.0 348.6

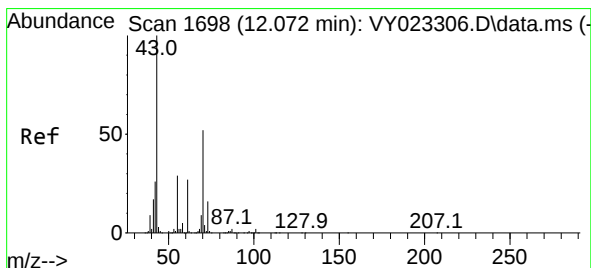
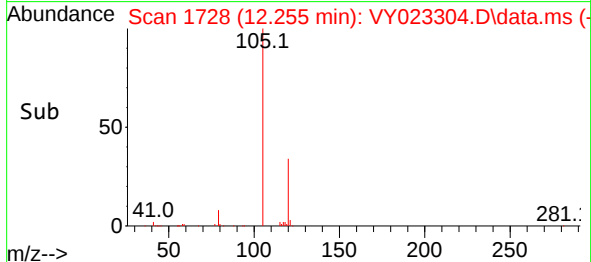
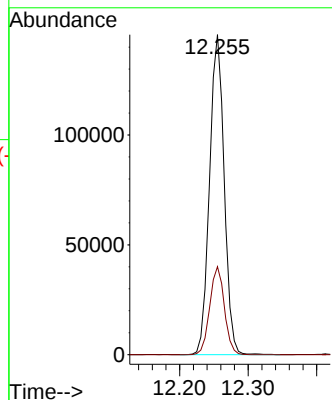
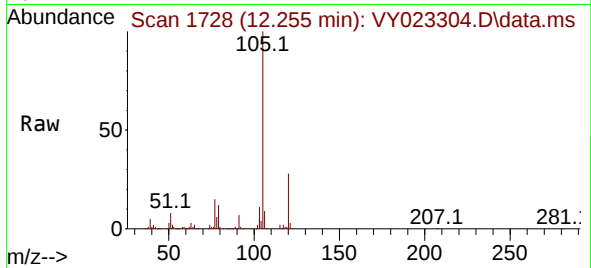




#73
Isopropylbenzene
Concen: 9.420 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

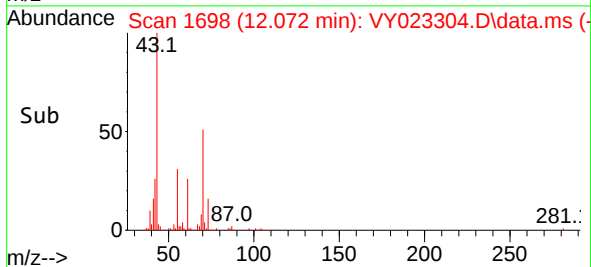
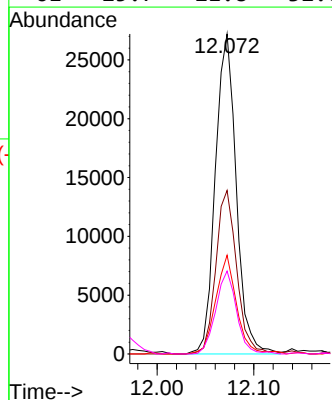
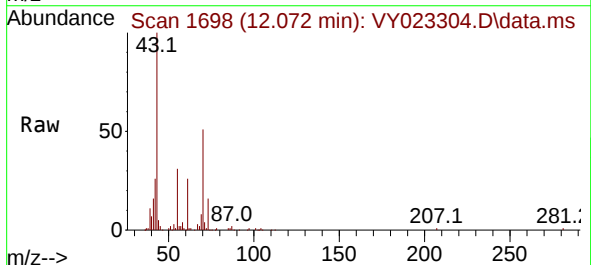
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

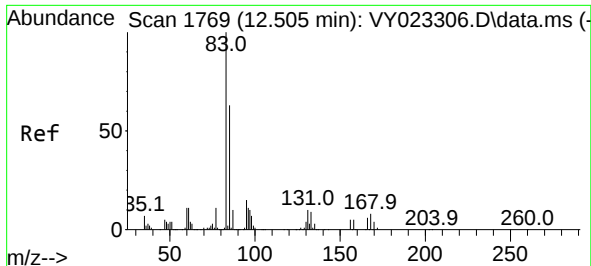
Tgt Ion:105 Resp: 216593
Ion Ratio Lower Upper
105 100
120 27.4 13.7 41.1



#74
N-ethyl acetate
Concen: 9.383 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

Tgt Ion: 43 Resp: 40779
Ion Ratio Lower Upper
43 100
70 51.3 41.0 61.4
55 31.0 23.3 34.9
61 25.7 21.8 32.6

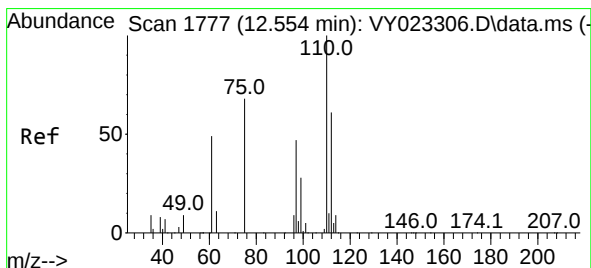
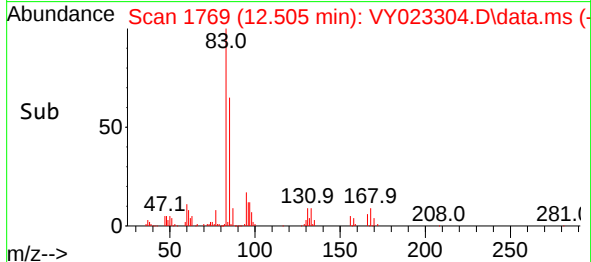
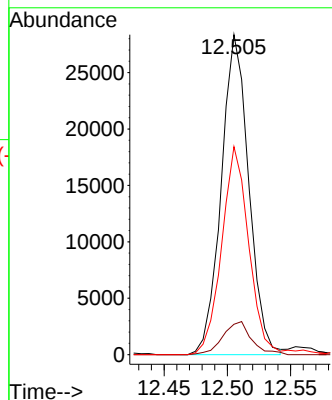
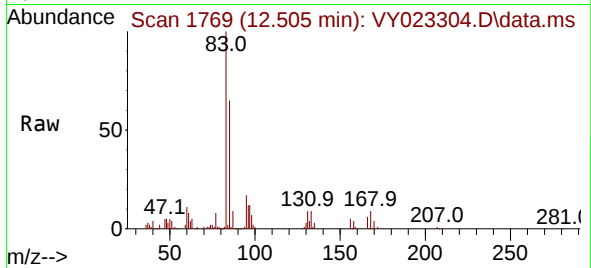




#75
 1,1,2,2-Tetrachloroethane
 Concen: 11.098 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY023304.D
 Acq: 08 Sep 2025 10:23

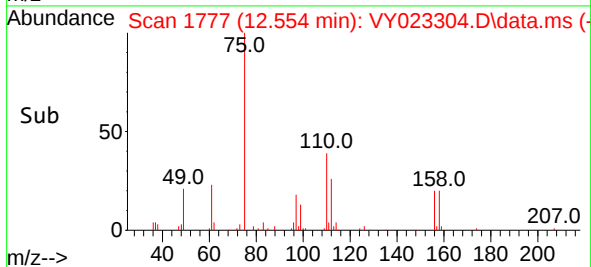
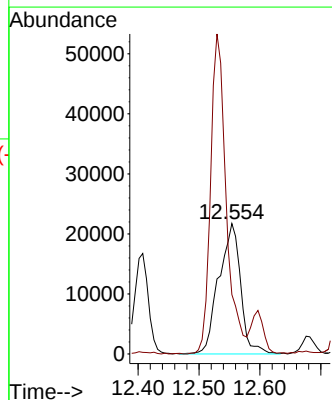
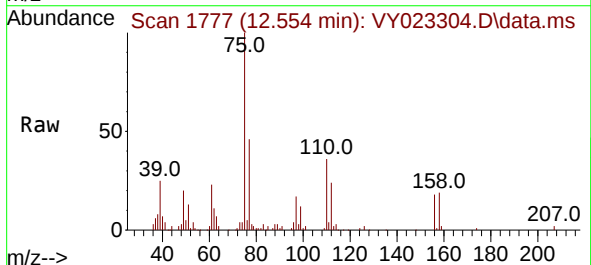
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

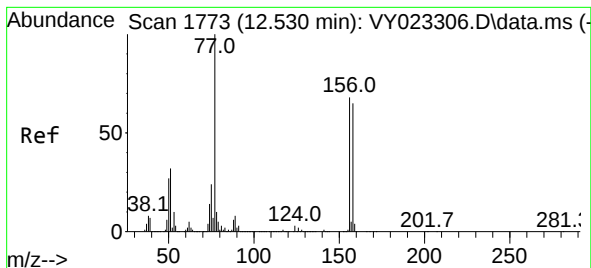
Tgt Ion: 83 Resp: 42827
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.5 16.7
 85 65.1 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 14.300 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY023304.D
 Acq: 08 Sep 2025 10:23

Tgt Ion: 75 Resp: 54007
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 9.772 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023304.D

Acq: 08 Sep 2025 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

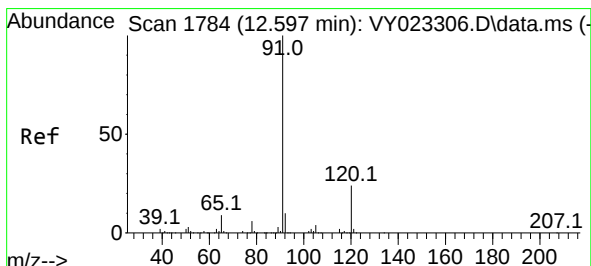
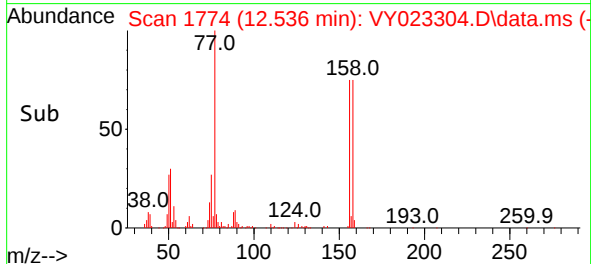
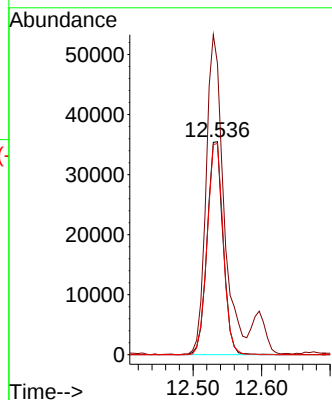
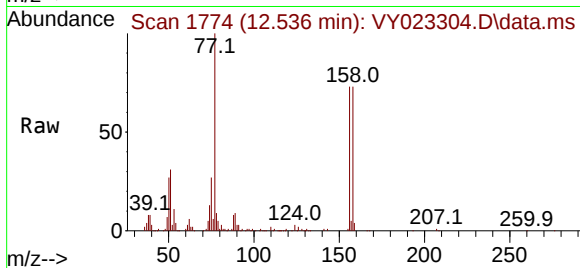
Tgt Ion:156 Resp: 57406

Ion Ratio Lower Upper

156 100

77 166.2 81.3 243.9

158 99.8 48.7 146.1



#78

n-propylbenzene

Concen: 9.557 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY023304.D

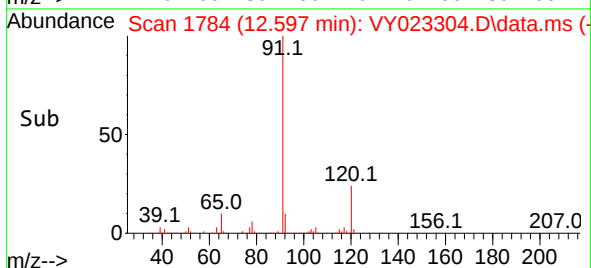
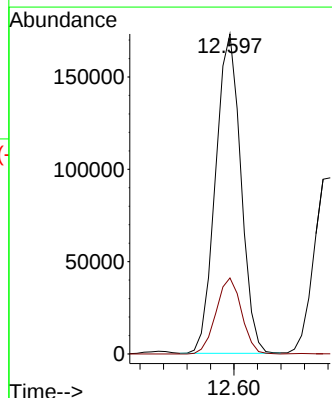
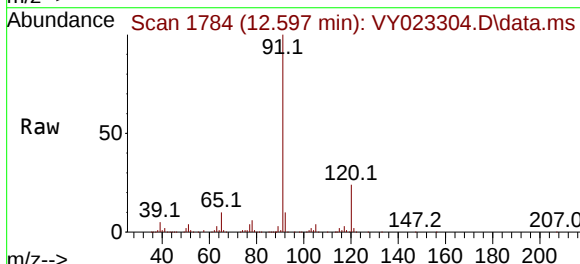
Acq: 08 Sep 2025 10:23

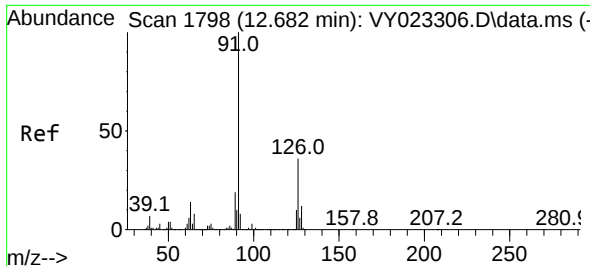
Tgt Ion: 91 Resp: 259006

Ion Ratio Lower Upper

91 100

120 23.9 11.9 35.7

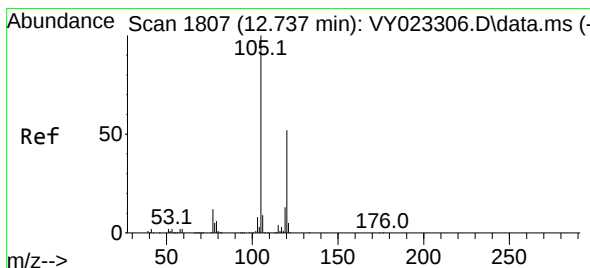
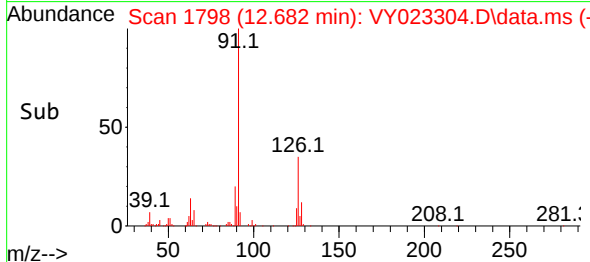
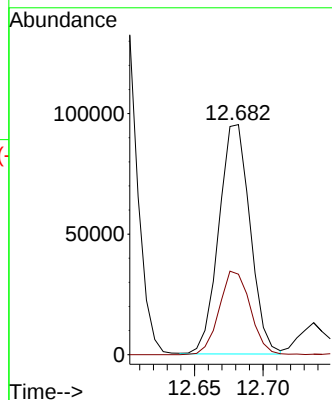
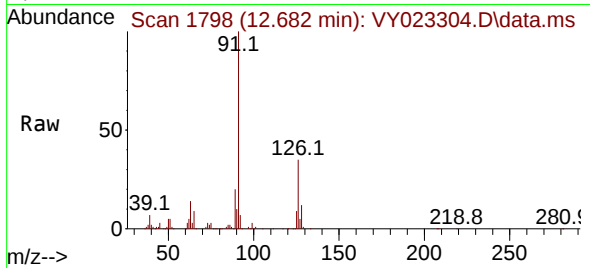




#79
2-Chlorotoluene
Concen: 9.691 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

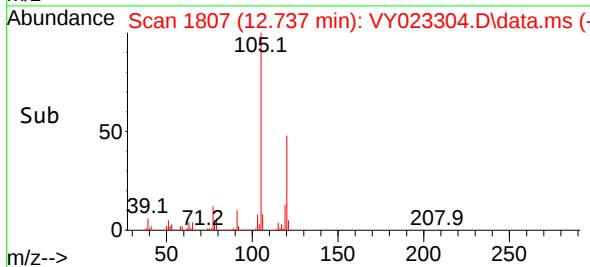
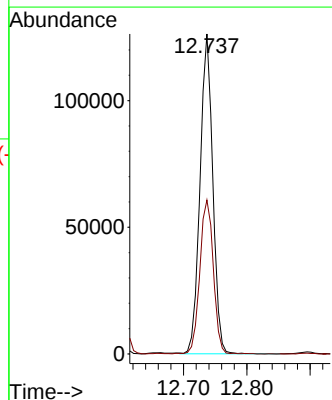
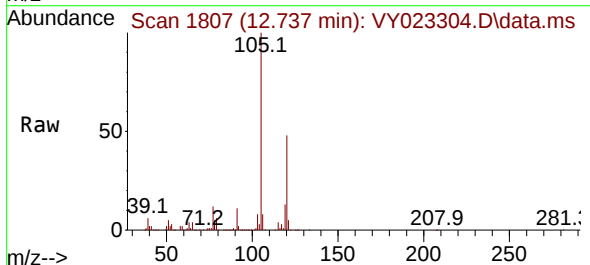
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

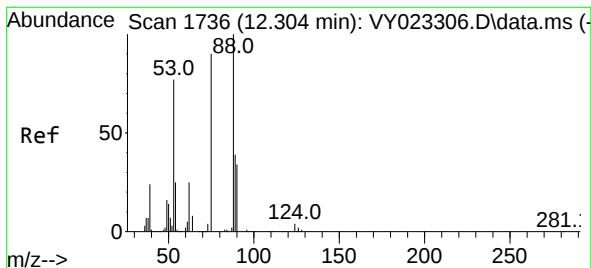
Tgt Ion: 91 Resp: 151268
Ion Ratio Lower Upper
91 100
126 36.2 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 9.488 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

Tgt Ion: 105 Resp: 177432
Ion Ratio Lower Upper
105 100
120 50.7 25.4 76.4

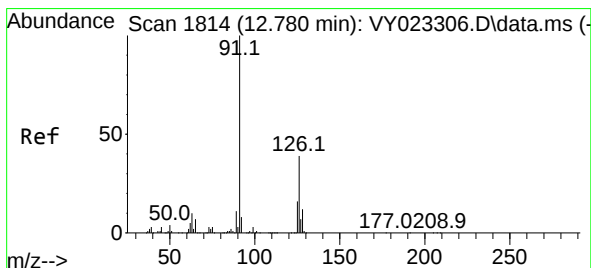
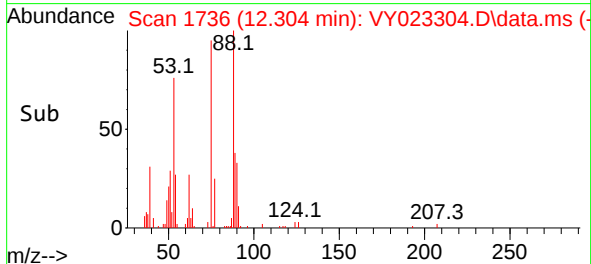
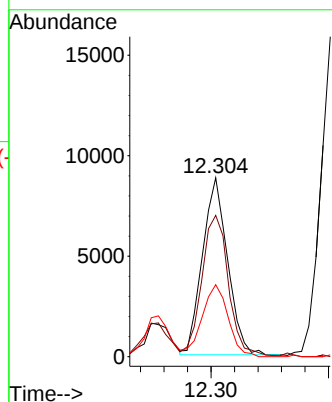
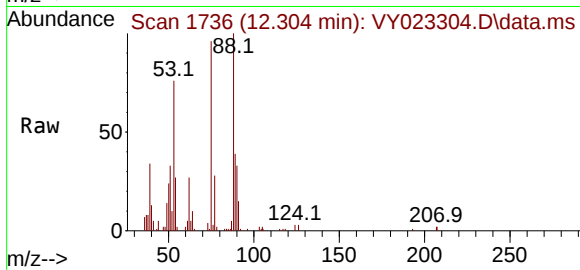




#81
trans-1,4-Dichloro-2-butene
Concen: 10.325 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

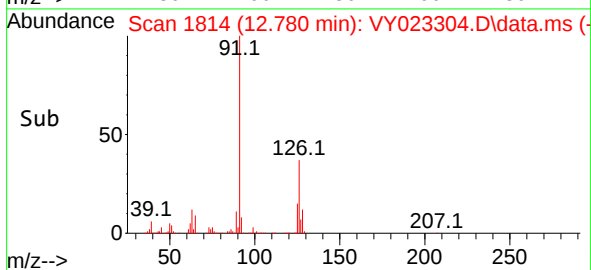
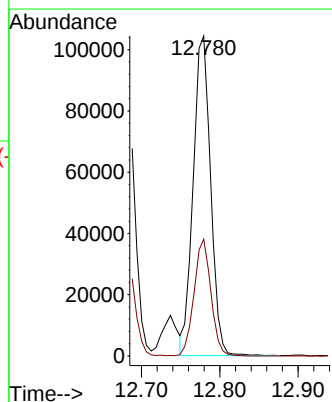
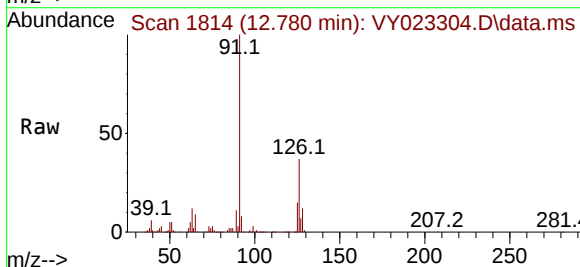
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

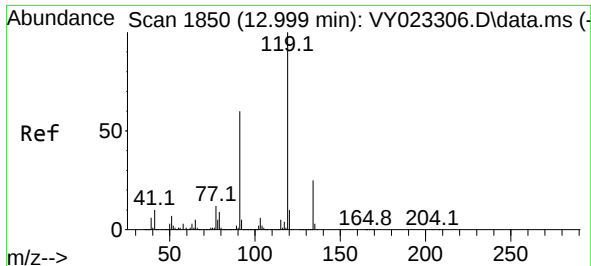
Tgt Ion: 75 Resp: 13088
Ion Ratio Lower Upper
75 100
53 83.8 70.9 106.3
89 42.2 37.4 56.2



#82
4-Chlorotoluene
Concen: 9.904 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY023304.D
Acq: 08 Sep 2025 10:23

Tgt Ion: 91 Resp: 161757
Ion Ratio Lower Upper
91 100
126 35.5 18.3 54.9

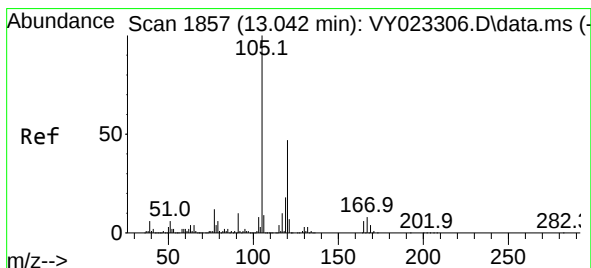
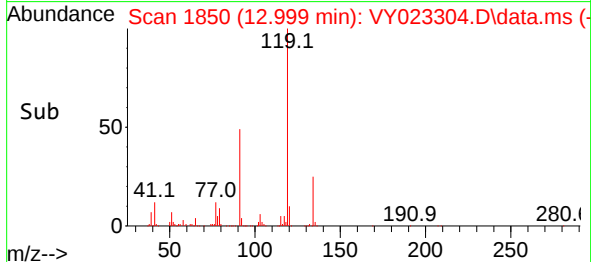
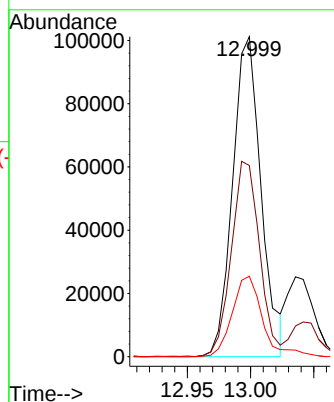
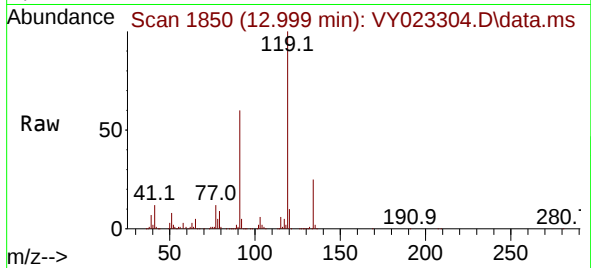




#83
 tert-Butylbenzene
 Concen: 9.345 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: VY023304.D
 Acq: 08 Sep 2025 10:23

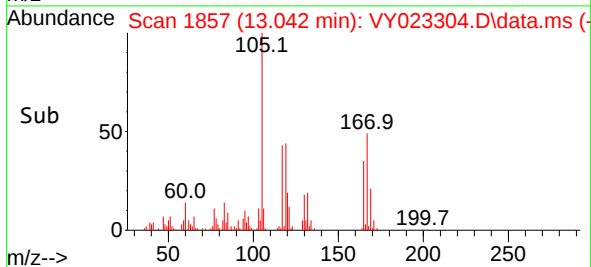
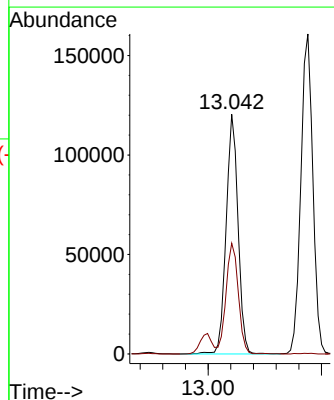
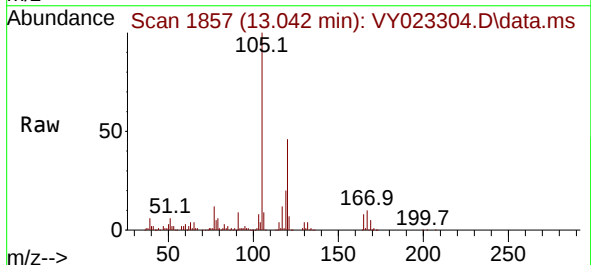
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

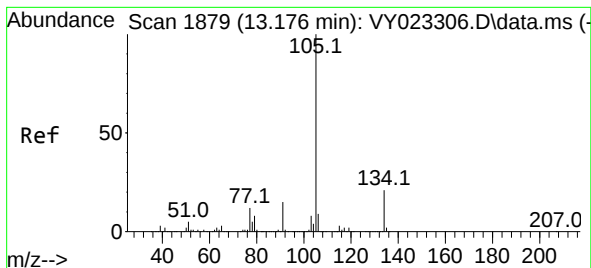
Tgt Ion:119 Resp: 158279
 Ion Ratio Lower Upper
 119 100
 91 60.4 30.3 90.8
 134 26.8 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 9.462 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.000 min
 Lab File: VY023304.D
 Acq: 08 Sep 2025 10:23

Tgt Ion:105 Resp: 175051
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.3 69.8





#85

sec-Butylbenzene

Concen: 9.541 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY023304.D

Acq: 08 Sep 2025 10:23

Instrument :

MSVOA_Y

ClientSampleId :

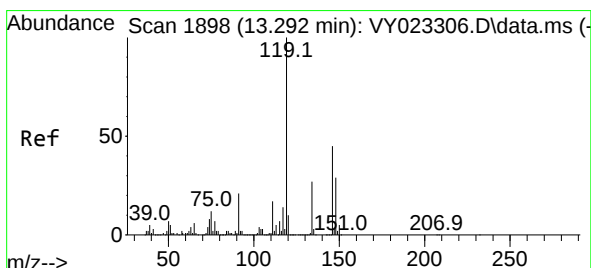
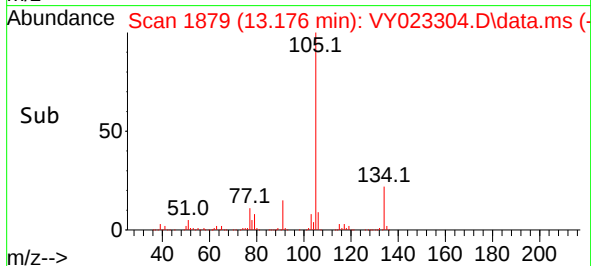
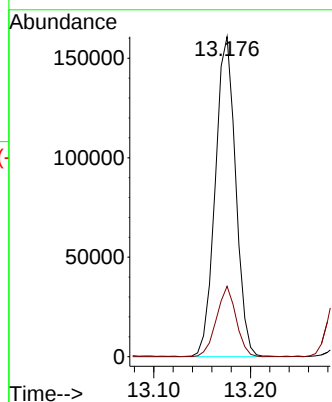
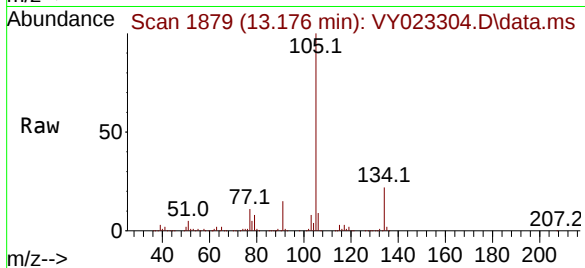
VSTDIC010

Tgt Ion:105 Resp: 235130

Ion Ratio Lower Upper

105 100

134 21.3 10.4 31.4



#86

p-Isopropyltoluene

Concen: 9.258 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY023304.D

Acq: 08 Sep 2025 10:23

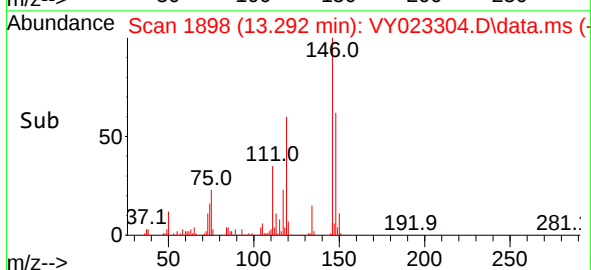
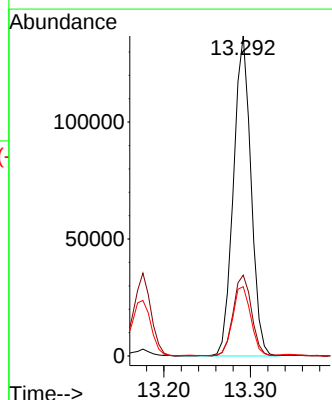
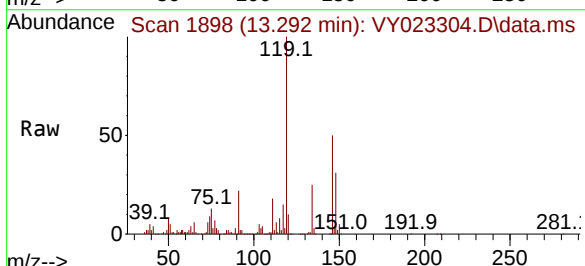
Tgt Ion:119 Resp: 192708

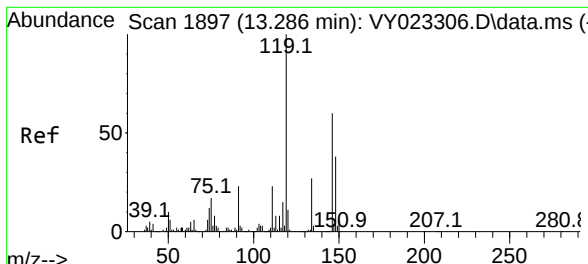
Ion Ratio Lower Upper

119 100

134 26.4 13.6 40.7

91 22.3 10.9 32.7

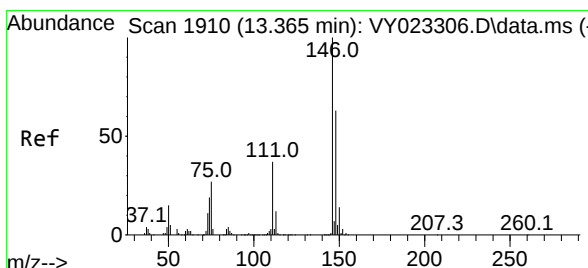
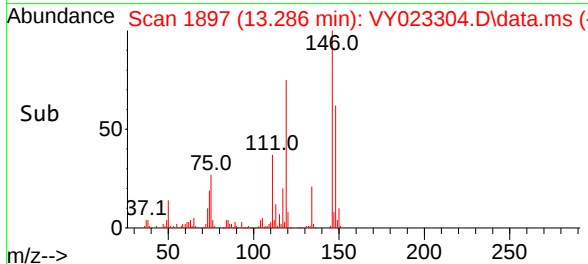
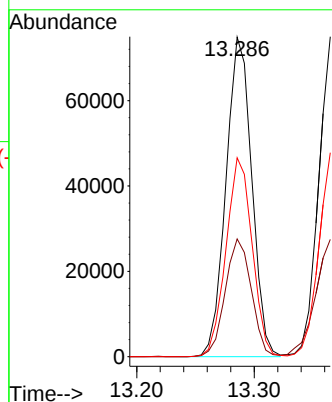
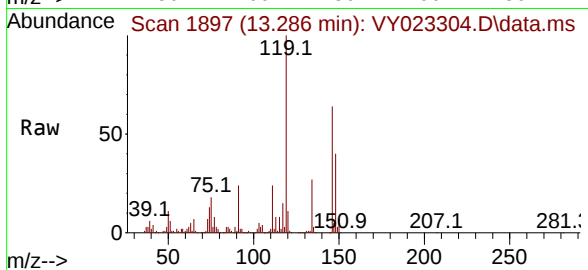




#87
 1,3-Dichlorobenzene
 Concen: 9.818 ug/l
 RT: 13.286 min Scan# 114123
 Delta R.T. -0.000 min
 Lab File: VY023304.D
 Acq: 08 Sep 2025 10:23

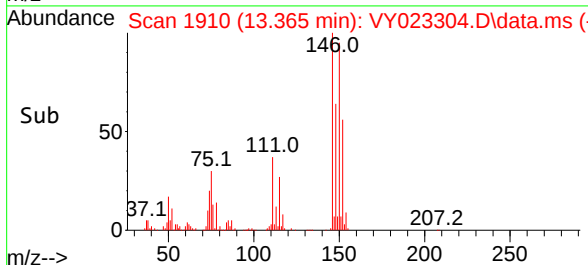
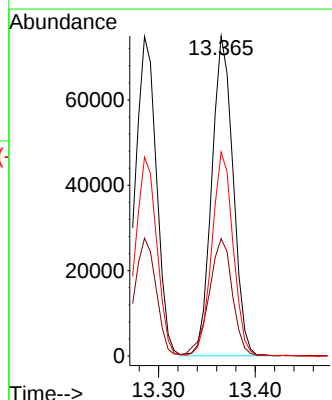
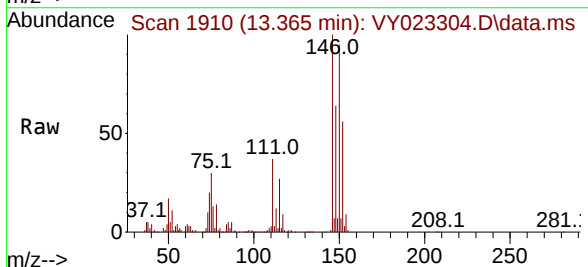
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

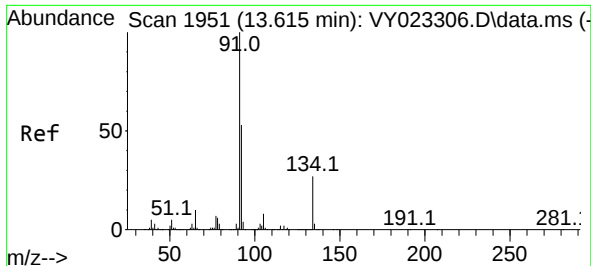
Tgt Ion:146 Resp: 114123
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.7 56.1
 148 63.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 9.970 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: VY023304.D
 Acq: 08 Sep 2025 10:23

Tgt Ion:146 Resp: 114786
 Ion Ratio Lower Upper
 146 100
 111 40.3 18.3 54.9
 148 63.7 31.8 95.3





#89

n-Butylbenzene

Concen: 9.139 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY023304.D

Acq: 08 Sep 2025 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

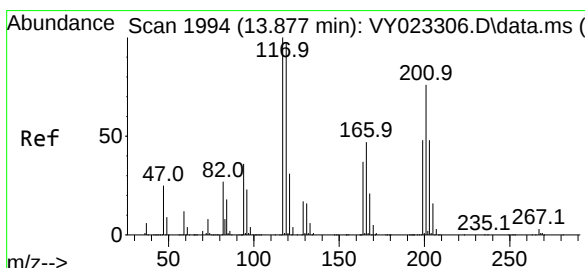
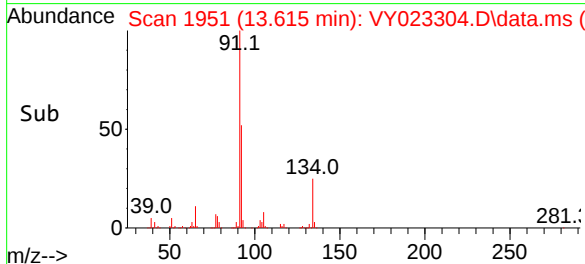
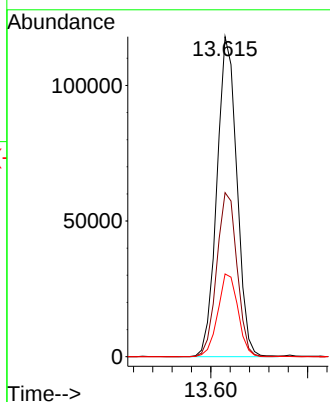
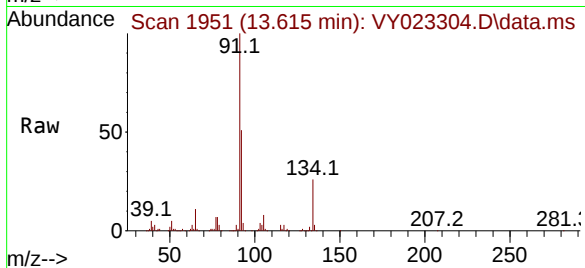
Tgt Ion: 91 Resp: 168712

Ion Ratio Lower Upper

91 100

92 52.1 26.6 79.8

134 26.2 13.6 40.8



#90

Hexachloroethane

Concen: 10.083 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY023304.D

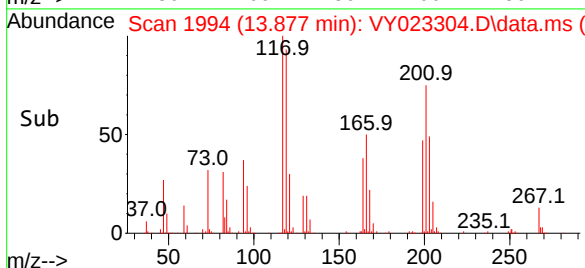
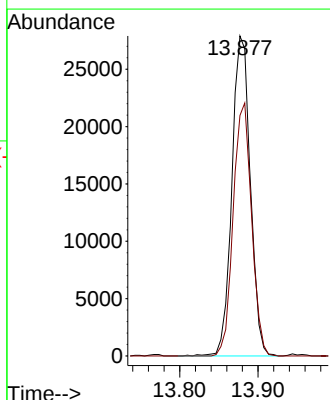
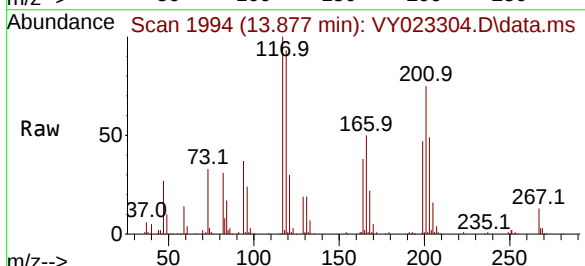
Acq: 08 Sep 2025 10:23

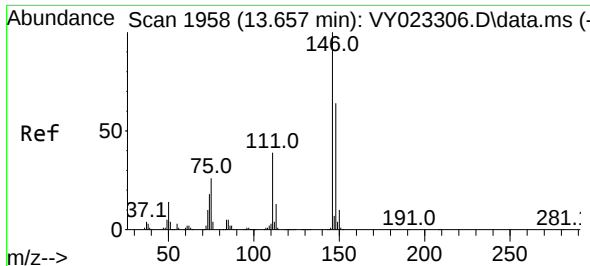
Tgt Ion: 117 Resp: 45505

Ion Ratio Lower Upper

117 100

201 78.6 40.6 121.8

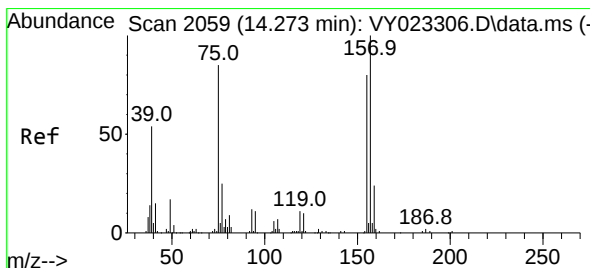
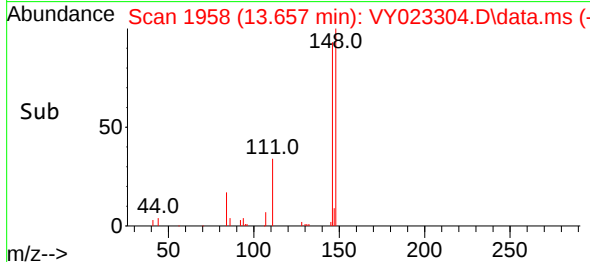
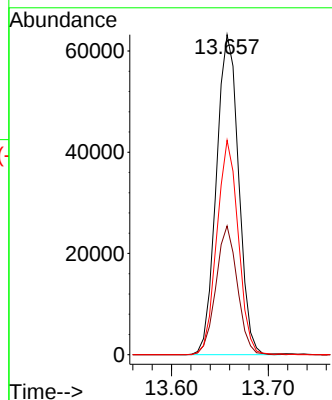
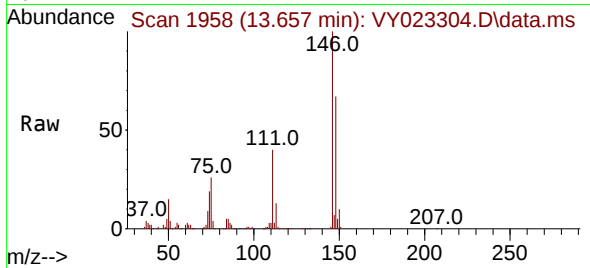




#91
 1,2-Dichlorobenzene
 Concen: 9.968 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY023304.D
 Acq: 08 Sep 2025 10:23

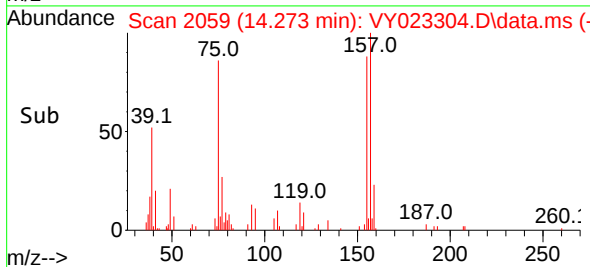
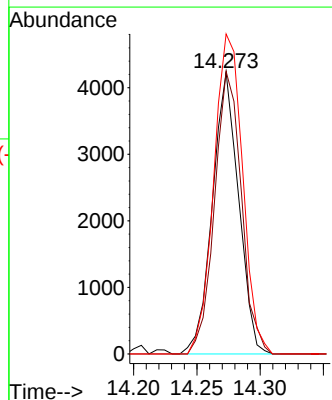
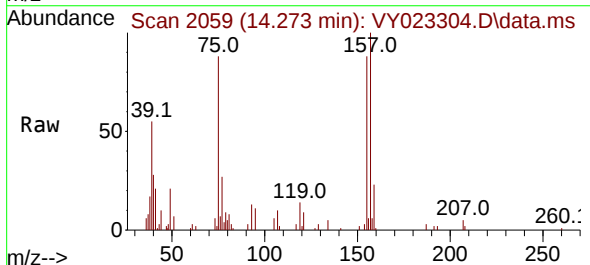
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

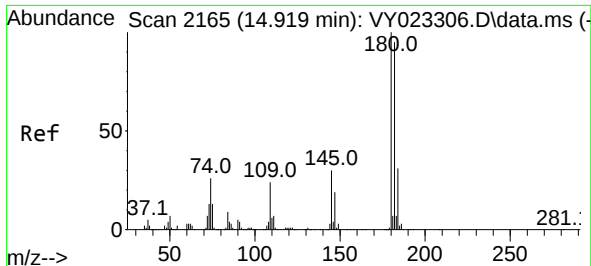
Tgt Ion:146 Resp: 101023
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.6 58.7
 148 64.5 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.063 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023304.D
 Acq: 08 Sep 2025 10:23

Tgt Ion: 75 Resp: 6093
 Ion Ratio Lower Upper
 75 100
 155 102.5 49.0 147.0
 157 124.7 62.2 186.6

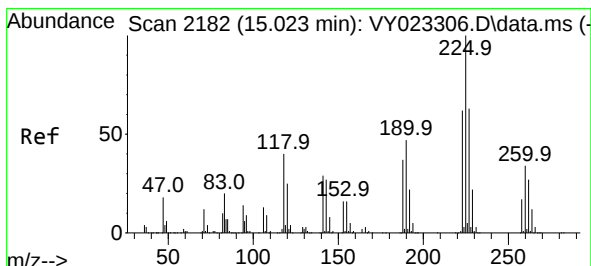
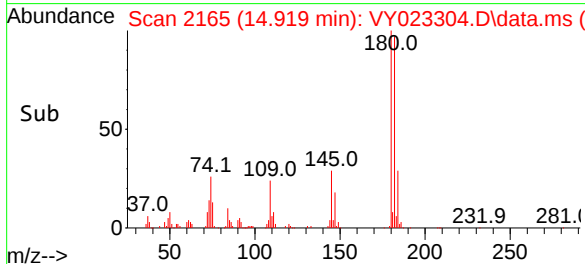
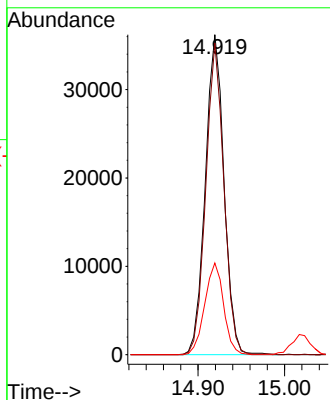
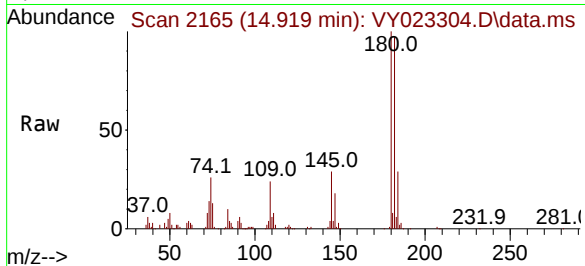




#93
 1,2,4-Trichlorobenzene
 Concen: 9.200 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.000 min
 Lab File: VY023304.D
 Acq: 08 Sep 2025 10:23

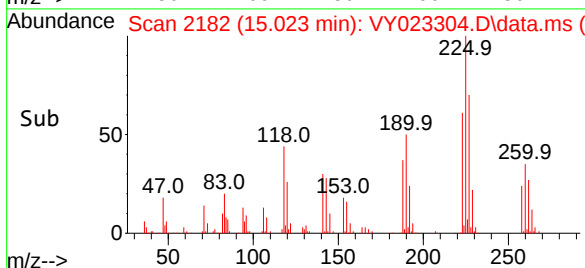
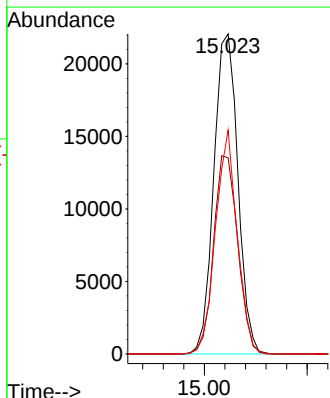
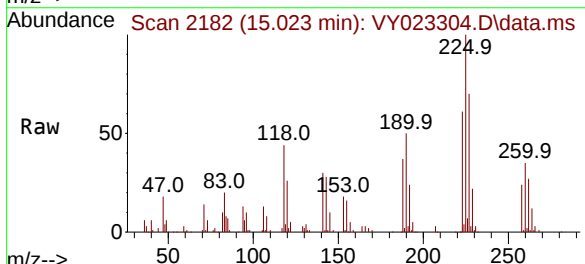
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

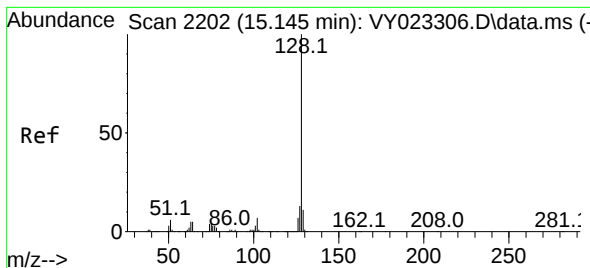
Tgt Ion:180 Resp: 54387
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.6 142.9
 145 28.8 14.9 44.9



#94
 Hexachlorobutadiene
 Concen: 9.775 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.000 min
 Lab File: VY023304.D
 Acq: 08 Sep 2025 10:23

Tgt Ion:225 Resp: 35729
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.4 94.2
 227 63.3 31.8 95.4





#95

Naphthalene

Concen: 8.481 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY023304.D

Acq: 08 Sep 2025 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

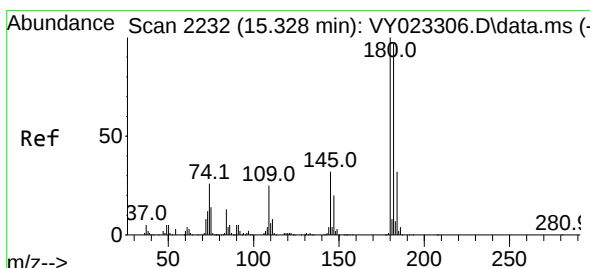
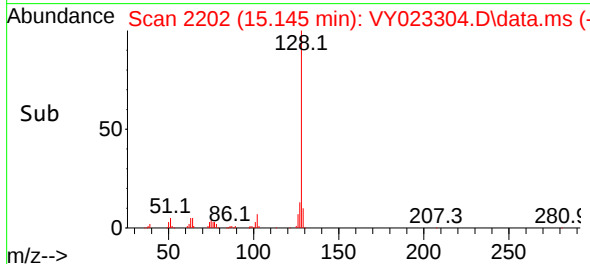
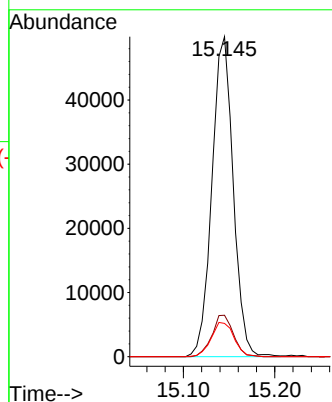
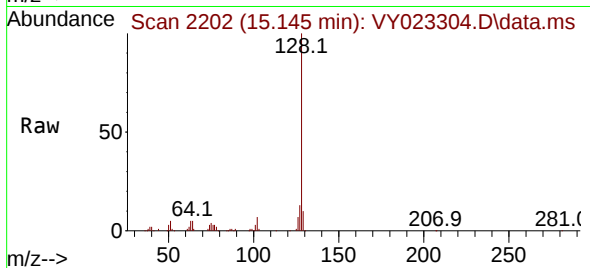
Tgt Ion:128 Resp: 80591

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 11.5 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 9.363 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023304.D

Acq: 08 Sep 2025 10:23

Tgt Ion:180 Resp: 48071

Ion Ratio Lower Upper

180 100

182 92.5 47.5 142.5

145 30.8 15.6 46.8

