

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070825\
 Data File : VU063465.D
 Acq On : 08 Jul 2025 14:50
 Operator : MD/SY
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 09 03:26:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 09 03:15:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.357	168	142998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.235	114	243360	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	229491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	125213	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.688	65	249967	137.007	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 274.020%#	
35) Dibromofluoromethane	5.274	113	212136	144.612	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 289.220%#	
50) Toluene-d8	7.888	98	700652	146.527	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 293.060%#	
62) 4-Bromofluorobenzene	10.624	95	311181	148.779	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 297.560%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	162100	142.532	ug/l	99
3) Chloromethane	1.515	50	184579	156.446	ug/l	99
4) Vinyl Chloride	1.599	62	216594	141.013	ug/l	97
5) Bromomethane	1.820	94	140650	130.698	ug/l	100
6) Chloroethane	1.907	64	140435	152.259	ug/l	99
7) Trichlorofluoromethane	2.116	101	350359	141.392	ug/l	98
8) Diethyl Ether	2.367	74	144723	140.143	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.563	101	206791	141.095	ug/l	99
10) Methyl Iodide	2.705	142	235966	154.137	ug/l	98
11) Tert butyl alcohol	3.200	59	510359	834.297	ug/l	98
12) 1,1-Dichloroethene	2.563	96	185677	134.674	ug/l	99
13) Acrolein	2.476	56	65624	760.029	ug/l	95
14) Allyl chloride	2.904	41	460929	138.430	ug/l	99
15) Acrylonitrile	3.303	53	1074925	820.359	ug/l	99
16) Acetone	2.618	43	1130156	738.432	ug/l	99
17) Carbon Disulfide	2.772	76	403871	155.484	ug/l	99
18) Methyl Acetate	2.939	43	613995	153.199	ug/l	99
19) Methyl tert-butyl Ether	3.357	73	863450	146.748	ug/l	99
20) Methylene Chloride	3.023	84	243769	153.891	ug/l	97
21) trans-1,2-Dichloroethene	3.328	96	195463	155.107	ug/l	95
22) Diisopropyl ether	3.988	45	819381	148.183	ug/l	94
23) Vinyl Acetate	3.943	43	3561688	830.120	ug/l	99
24) 1,1-Dichloroethane	3.846	63	447587	142.626	ug/l	98
25) 2-Butanone	4.701	43	1485588	864.662	ug/l	100
26) 2,2-Dichloropropane	4.644	77	397256	142.519	ug/l	98
27) cis-1,2-Dichloroethene	4.647	96	276913	143.128	ug/l	99
28) Bromochloromethane	4.955	49	211266	143.314	ug/l	100
29) Tetrahydrofuran	5.045	42	918903	807.149	ug/l	98
30) Chloroform	5.071	83	474049	143.078	ug/l	98
31) Cyclohexane	5.367	56	332637	131.673	ug/l	98
32) 1,1,1-Trichloroethane	5.296	97	410826	145.626	ug/l	99
36) 1,1-Dichloropropene	5.508	75	289188	145.084	ug/l	98
37) Ethyl Acetate	4.801	43	501300	152.200	ug/l	100
38) Carbon Tetrachloride	5.505	117	332384	151.344	ug/l	100
39) Methylcyclohexane	6.746	83	346302	143.788	ug/l	97
40) Benzene	5.756	78	939289	150.891	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.965	41	261953	177.281	ug/l	98
42) 1,2-Dichloroethane	5.779	62	360449	153.992	ug/l	99
43) Isopropyl Acetate	5.907	43	746463	174.093	ug/l	100
44) Trichloroethene	6.528	130	246024	147.686	ug/l	100
45) 1,2-Dichloropropane	6.778	63	263770	152.424	ug/l	99
46) Dibromomethane	6.904	93	192126	156.042	ug/l	99
47) Bromodichloromethane	7.094	83	393443	153.677	ug/l	99
48) Methyl methacrylate	6.952	41	345038	174.108	ug/l	98
49) 1,4-Dioxane	6.959	88	152673	3510.783	ug/l	98
51) 4-Methyl-2-Pentanone	7.785	43	2671372	860.785	ug/l	100
52) Toluene	7.958	92	617809	151.735	ug/l	93
53) t-1,3-Dichloropropene	8.200	75	401801	179.347	ug/l	98
54) cis-1,3-Dichloropropene	7.595	75	426736	170.154	ug/l	98
55) 1,1,2-Trichloroethane	8.389	97	266627	154.196	ug/l	97
56) Ethyl methacrylate	8.325	69	469203	168.214	ug/l	99
57) 1,3-Dichloropropane	8.563	76	439559	154.217	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.457	63	33140	1144.171	ug/l #	89
59) 2-Hexanone	8.675	43	2043995	870.786	ug/l	100
60) Dibromochloromethane	8.798	129	320220	165.312	ug/l	99
61) 1,2-Dibromoethane	8.913	107	263481	155.251	ug/l	100
64) Tetrachloroethene	8.540	164	226366	132.502	ug/l	99
65) Chlorobenzene	9.438	112	712929	149.318	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.524	131	253970	155.102	ug/l	97
67) Ethyl Benzene	9.560	91	1228255	149.678	ug/l	100
68) m/p-Xylenes	9.685	106	933142	297.958	ug/l	93
69) o-Xylene	10.090	106	476348	149.604	ug/l	99
70) Styrene	10.106	104	813688	160.721	ug/l	98
71) Bromoform	10.280	173	245104	171.735	ug/l #	99
73) Isopropylbenzene	10.473	105	1234075	144.847	ug/l	100
74) N-amyl acetate	10.312	43	653463	171.029	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.772	83	486363	155.085	ug/l	99
76) 1,2,3-Trichloropropane	10.814	75	505480	152.349	ug/l #	81
77) Bromobenzene	10.772	156	305771	146.413	ug/l	98
78) n-propylbenzene	10.897	91	1471786	148.955	ug/l	99
79) 2-Chlorotoluene	10.978	91	924722	149.225	ug/l	100
80) 1,3,5-Trimethylbenzene	11.077	105	1090429	146.327	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.534	75	110046	165.421	ug/l	98
82) 4-Chlorotoluene	11.087	91	1063014	151.100	ug/l	100
83) tert-Butylbenzene	11.412	119	1057297	147.948	ug/l	99
84) 1,2,4-Trimethylbenzene	11.457	105	1098330	150.092	ug/l	99
85) sec-Butylbenzene	11.634	105	1367941	145.061	ug/l	99
86) p-Isopropyltoluene	11.785	119	1142410	149.327	ug/l	100
87) 1,3-Dichlorobenzene	11.736	146	589333	146.440	ug/l	100
88) 1,4-Dichlorobenzene	11.826	146	590909	144.176	ug/l	100
89) n-Butylbenzene	12.199	91	1121910	158.445	ug/l	99
90) Hexachloroethane	12.466	117	207473	162.147	ug/l	99
91) 1,2-Dichlorobenzene	12.203	146	578949	147.528	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.984	75	124520	167.646	ug/l	97
93) 1,2,4-Trichlorobenzene	13.830	180	404419	160.918	ug/l	99
94) Hexachlorobutadiene	14.010	225	161250	150.097	ug/l	98
95) Naphthalene	14.077	128	1384089	168.167	ug/l	100
96) 1,2,3-Trichlorobenzene	14.318	180	394366	159.674	ug/l	100

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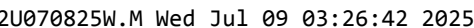
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MSVOA_U
ClientSampleId :
VSTDICC150

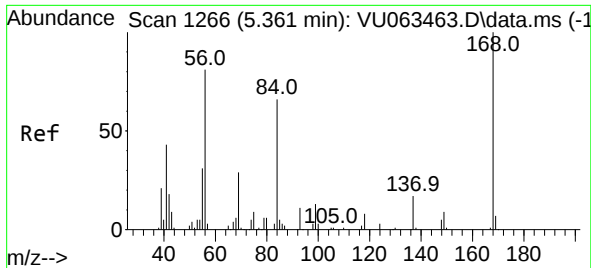
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Quant Title : SW846 8260
QLast Update : Wed Jul 09 03:15:26 2025
Response via : Initial Calibration

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

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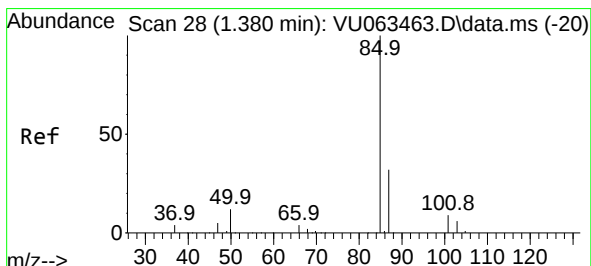
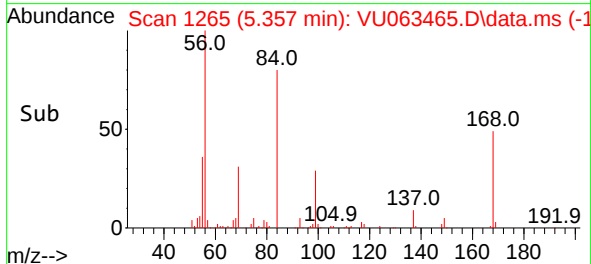
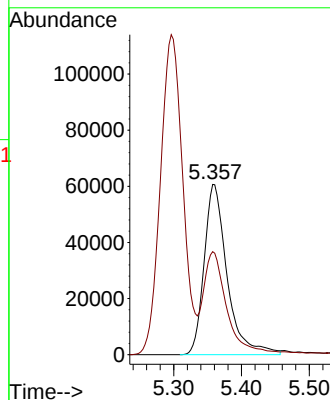
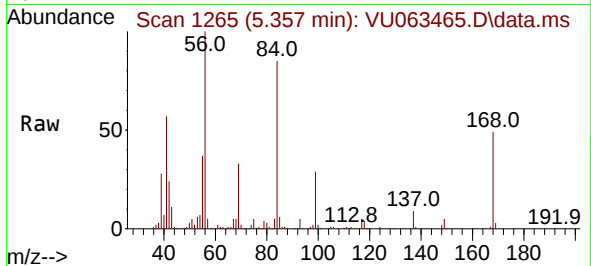




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.357 min Scan# 11
Delta R.T. -0.004 min
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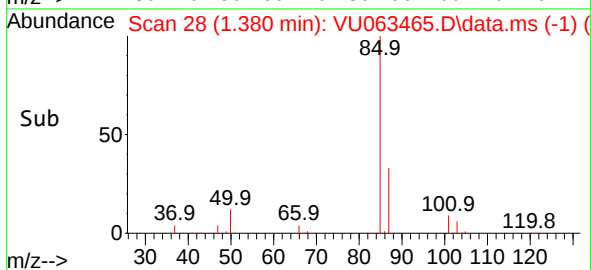
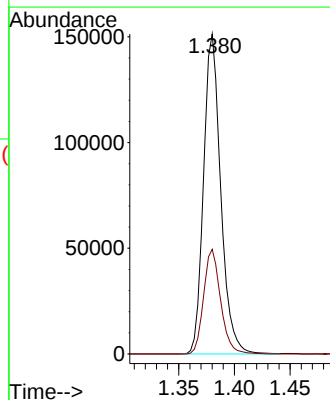
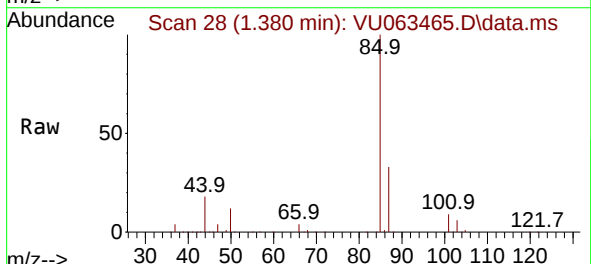
Instrument :
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ClientSampleId :
VSTDIC150

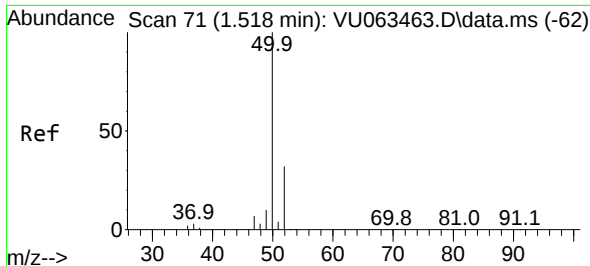
Tgt Ion:168 Resp: 142998
Ion Ratio Lower Upper
168 100
99 58.9 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 142.532 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

Tgt Ion: 85 Resp: 162100
Ion Ratio Lower Upper
85 100
87 32.7 16.1 48.2

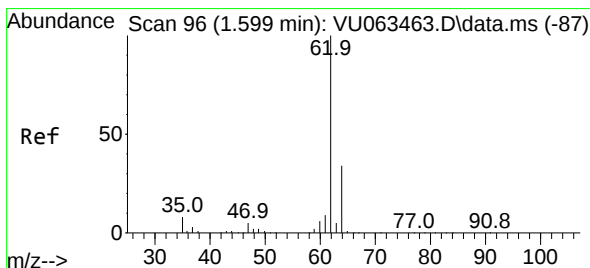
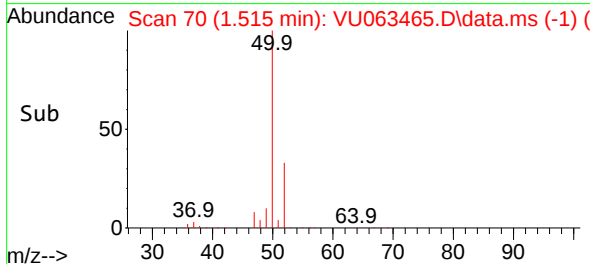
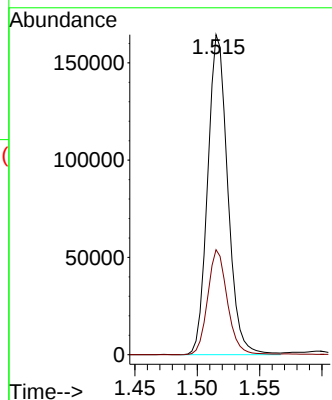
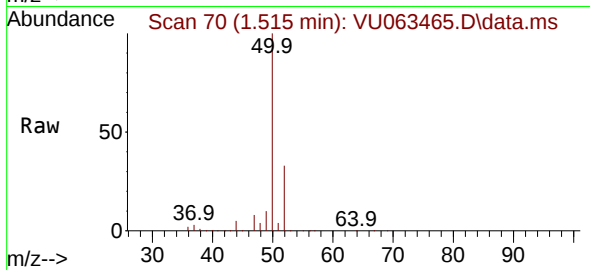




#3
Chloromethane
Concen: 156.446 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

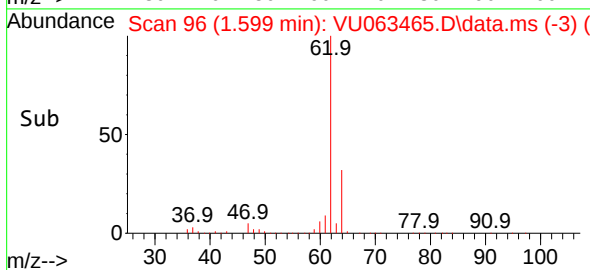
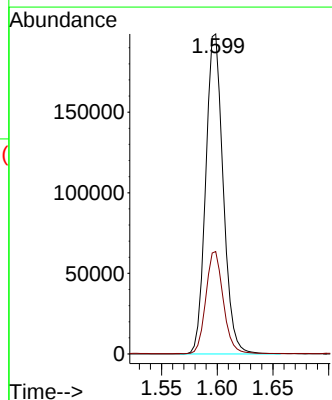
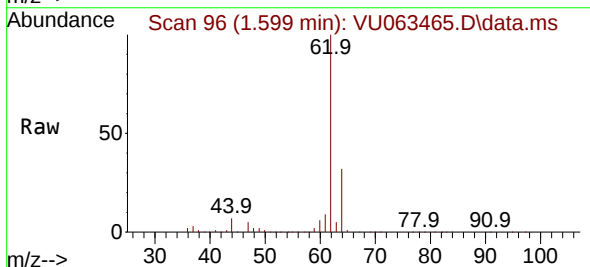
Instrument :
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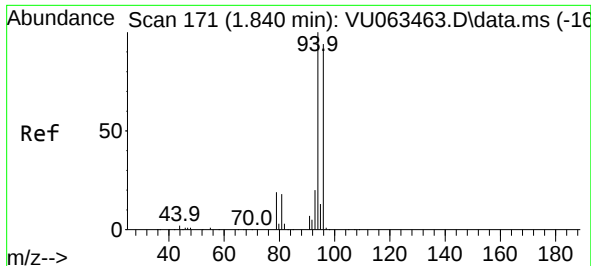
Tgt Ion: 50 Resp: 184579
Ion Ratio Lower Upper
50 100
52 32.8 25.8 38.8



#4
Vinyl Chloride
Concen: 141.013 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

Tgt Ion: 62 Resp: 216594
Ion Ratio Lower Upper
62 100
64 31.8 26.9 40.3

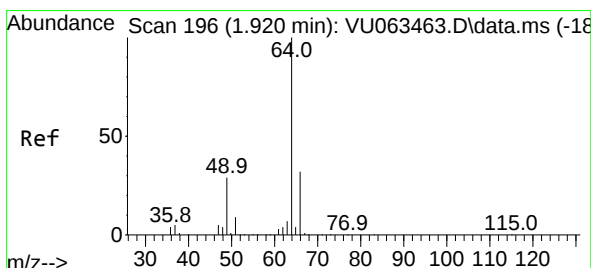
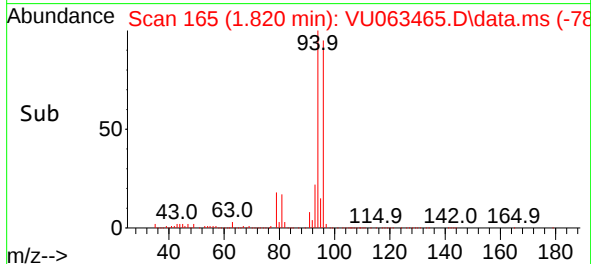
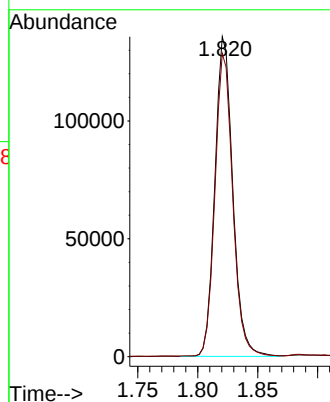
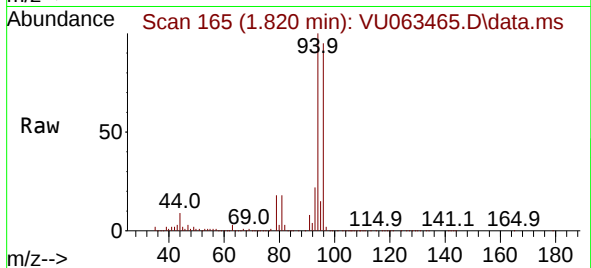




#5
Bromomethane
Concen: 130.698 ug/l
RT: 1.820 min Scan# 1
Delta R.T. -0.020 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

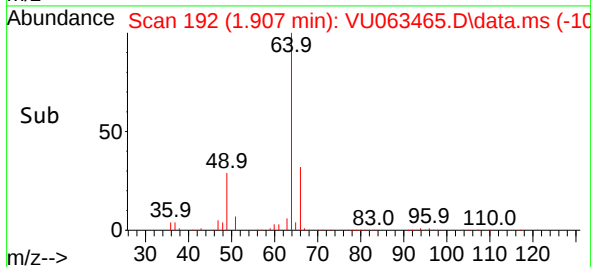
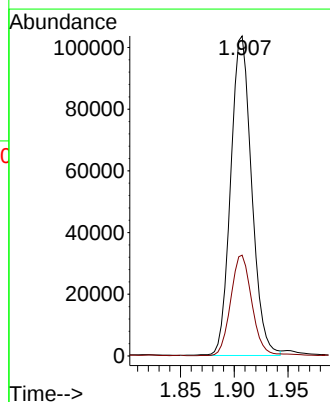
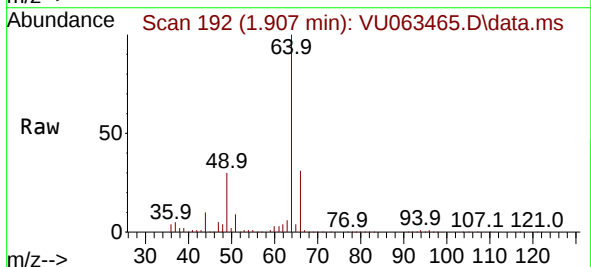
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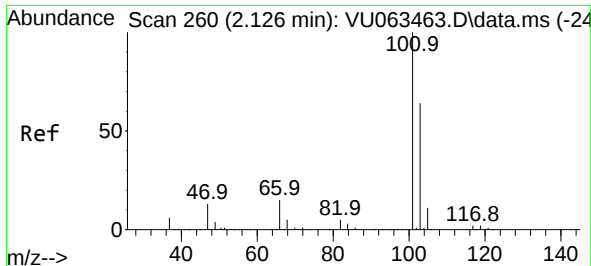
Tgt Ion: 94 Resp: 140650
Ion Ratio Lower Upper
94 100
96 94.7 75.5 113.3



#6
Chloroethane
Concen: 152.259 ug/l
RT: 1.907 min Scan# 192
Delta R.T. -0.013 min
Lab File: VU063465.D
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Tgt Ion: 64 Resp: 140435
Ion Ratio Lower Upper
64 100
66 31.3 25.3 37.9

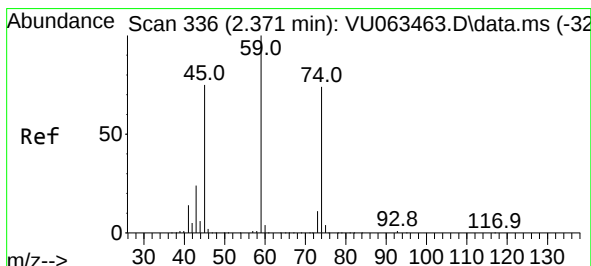
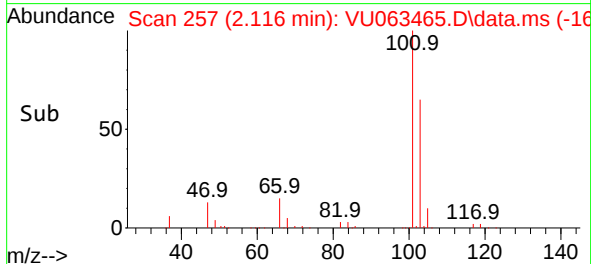
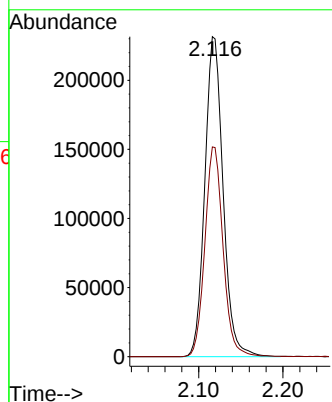
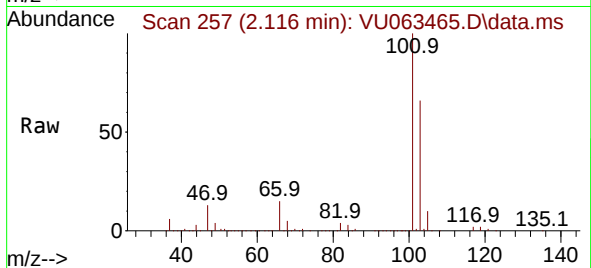




#7
 Trichlorofluoromethane
 Concen: 141.392 ug/l
 RT: 2.116 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: VU063465.D
 Acq: 08 Jul 2025 14:50

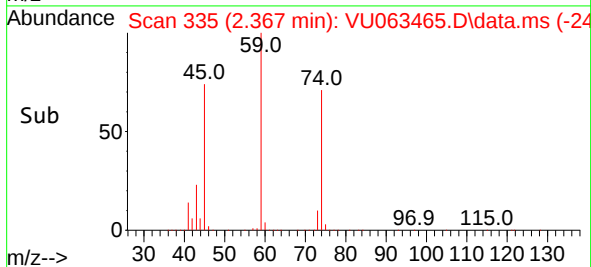
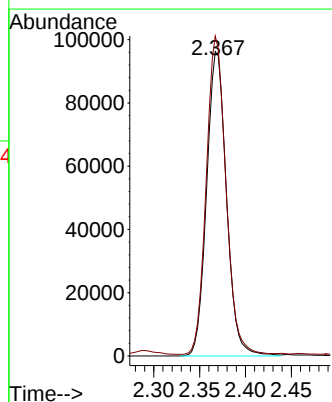
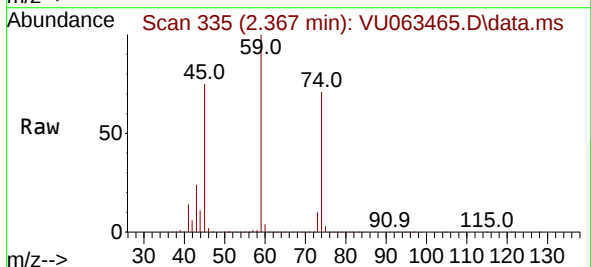
Instrument :
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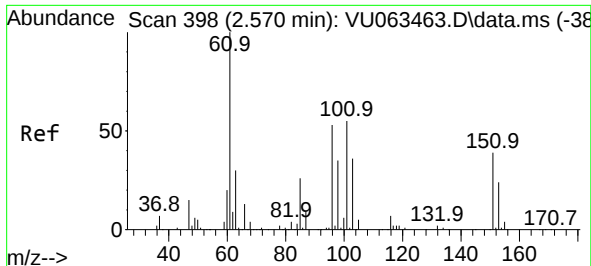
Tgt Ion:101 Resp: 350359
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.1 76.7



#8
 Diethyl Ether
 Concen: 140.143 ug/l
 RT: 2.367 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VU063465.D
 Acq: 08 Jul 2025 14:50

Tgt Ion: 74 Resp: 144723
 Ion Ratio Lower Upper
 74 100
 45 103.4 49.7 149.1

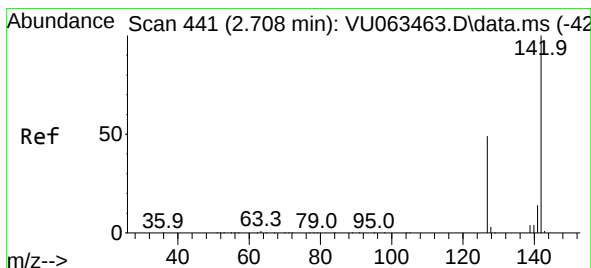
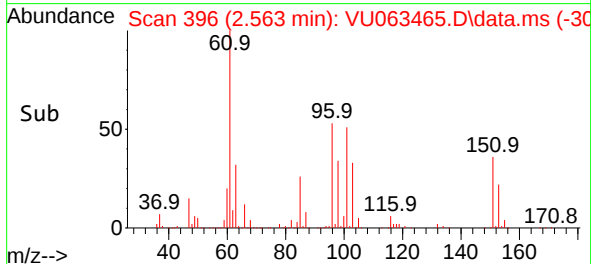
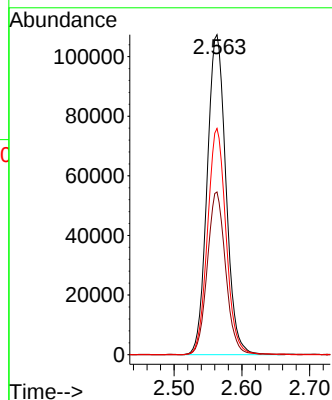
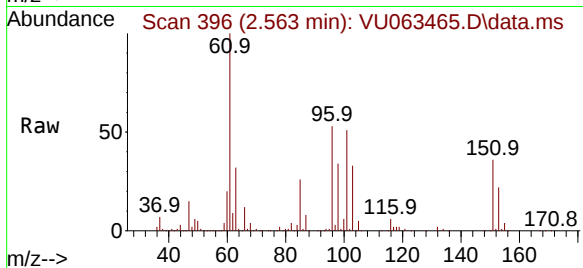




#9
1,1,2-Trichlorotrifluoroethane
Concen: 141.095 ug/l
RT: 2.563 min Scan# 396
Delta R.T. -0.007 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

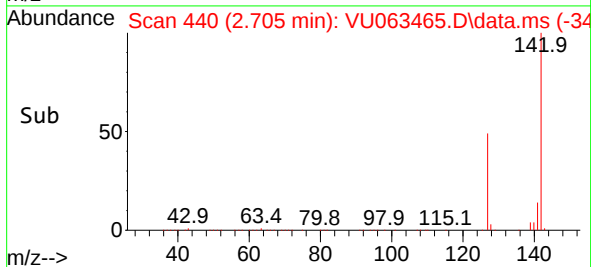
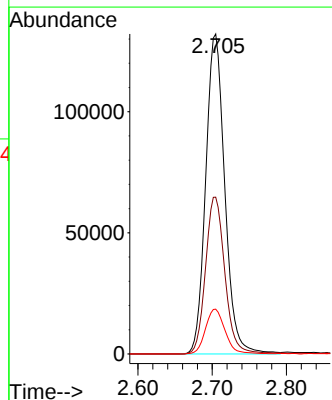
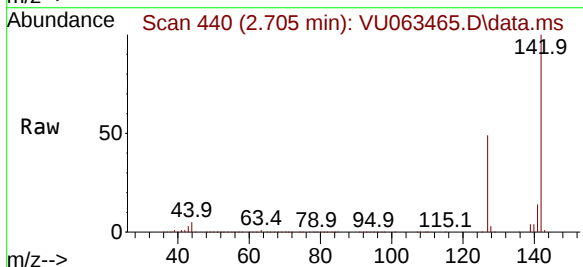
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

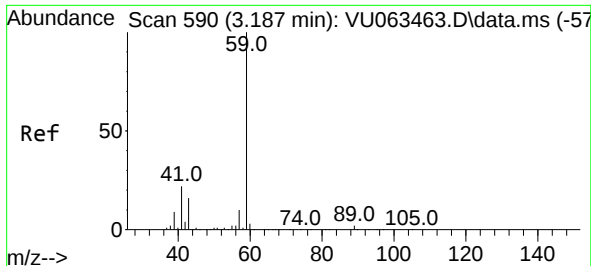
Tgt Ion:101 Resp: 206791
Ion Ratio Lower Upper
101 100
85 49.7 39.6 59.4
151 69.6 57.2 85.8



#10
Methyl Iodide
Concen: 154.137 ug/l
RT: 2.705 min Scan# 440
Delta R.T. -0.003 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

Tgt Ion:142 Resp: 235966
Ion Ratio Lower Upper
142 100
127 49.5 38.2 57.4
141 14.4 11.1 16.7

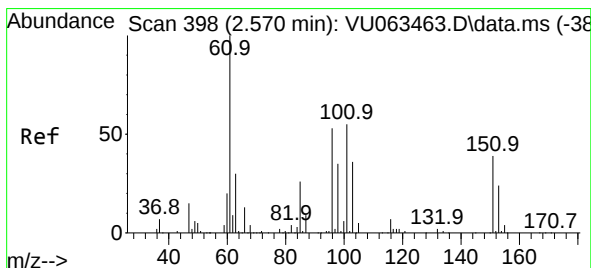
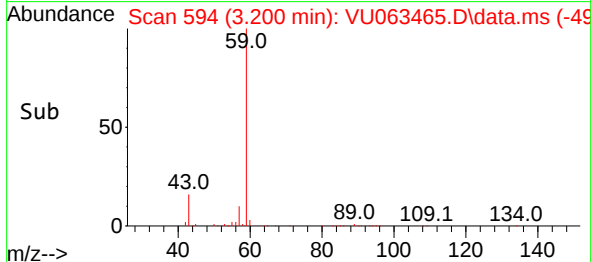
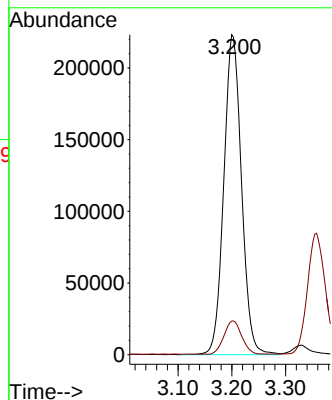
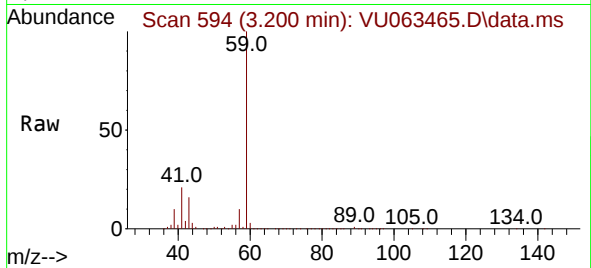




#11
Tert butyl alcohol
Concen: 834.297 ug/l
RT: 3.200 min Scan# 591
Delta R.T. 0.013 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

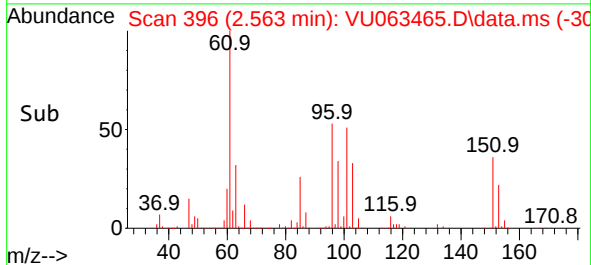
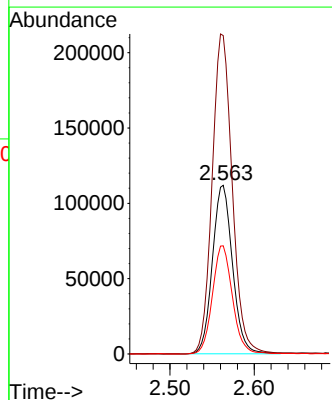
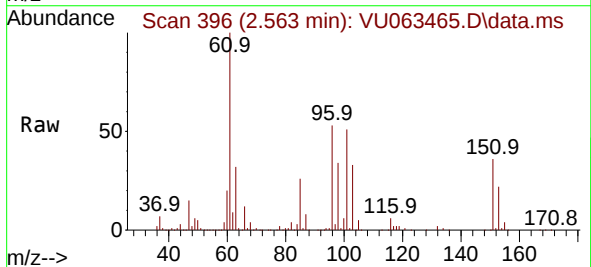
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

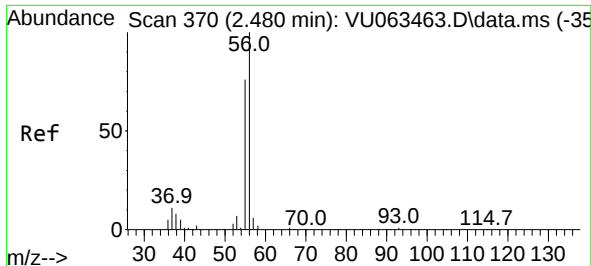
Tgt Ion: 59 Resp: 510359
Ion Ratio Lower Upper
59 100
57 10.4 8.8 13.2



#12
1,1-Dichloroethene
Concen: 134.674 ug/l
RT: 2.563 min Scan# 396
Delta R.T. -0.007 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

Tgt Ion: 96 Resp: 185677
Ion Ratio Lower Upper
96 100
61 188.9 149.6 224.4
98 64.1 52.0 78.0





#13

Acrolein

Concen: 760.029 ug/l

RT: 2.476 min Scan# 3

Delta R.T. -0.003 min

Lab File: VU063465.D

Acq: 08 Jul 2025 14:50

Instrument :

MSVOA_U

ClientSampleId :

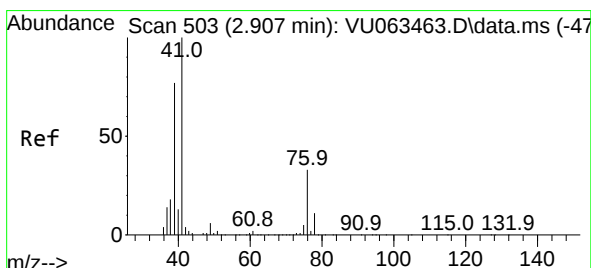
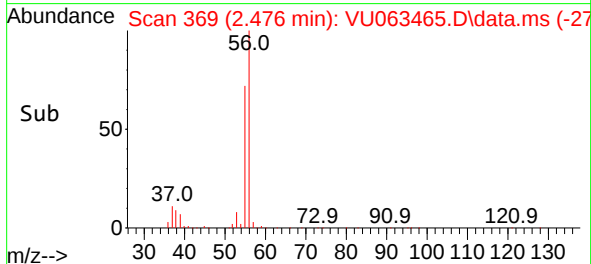
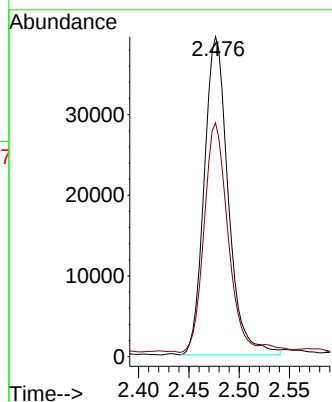
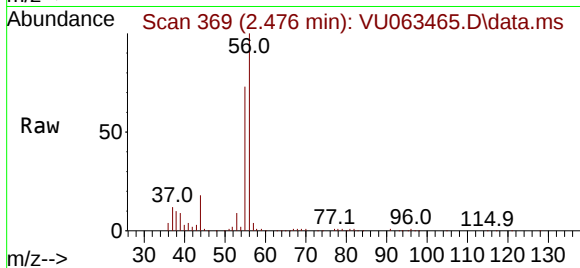
VSTDIC150

Tgt Ion: 56 Resp: 65624

Ion Ratio Lower Upper

56 100

55 71.0 60.2 90.2



#14

Allyl chloride

Concen: 138.430 ug/l

RT: 2.904 min Scan# 502

Delta R.T. -0.003 min

Lab File: VU063465.D

Acq: 08 Jul 2025 14:50

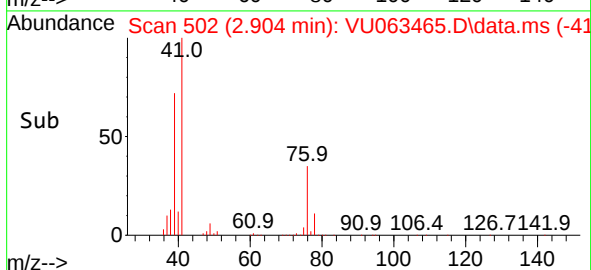
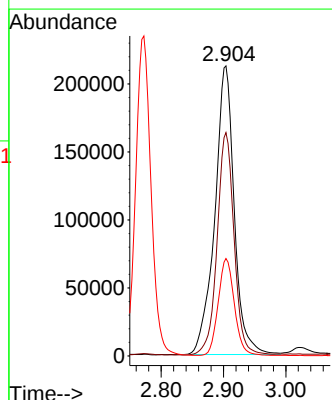
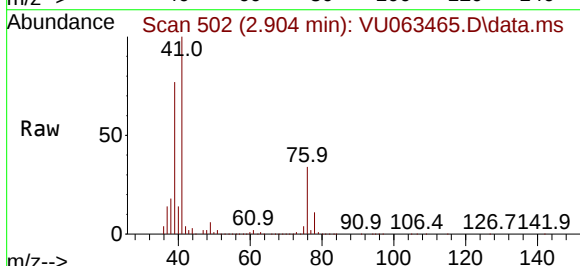
Tgt Ion: 41 Resp: 460929

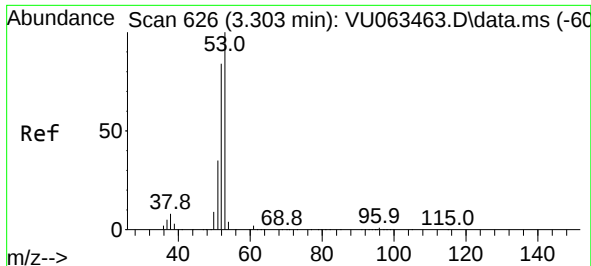
Ion Ratio Lower Upper

41 100

39 67.1 53.9 80.9

76 27.8 23.1 34.7

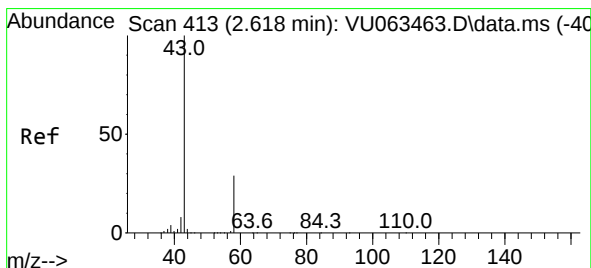
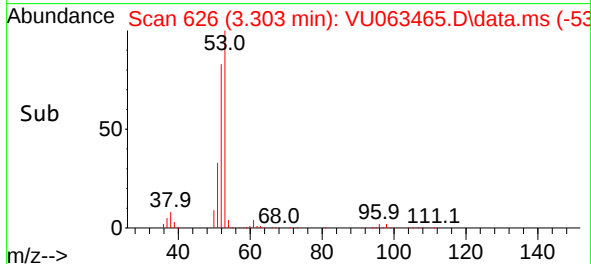
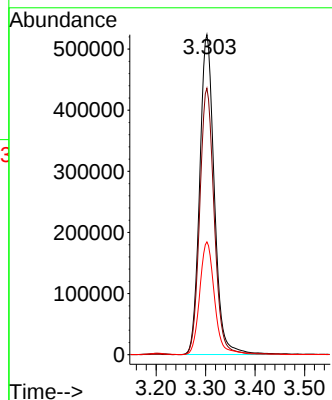
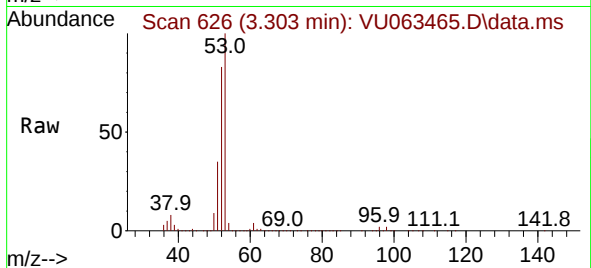




#15
Acrylonitrile
Concen: 820.359 ug/l
RT: 3.303 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

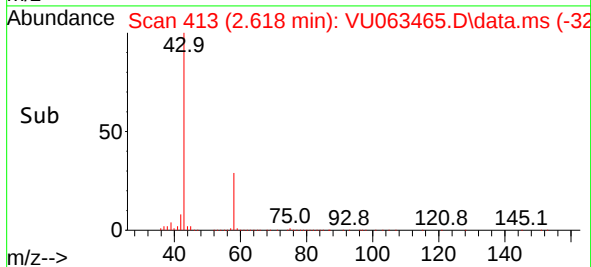
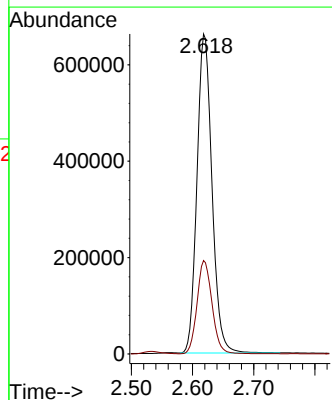
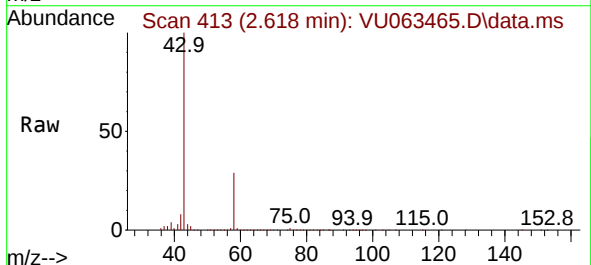
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150

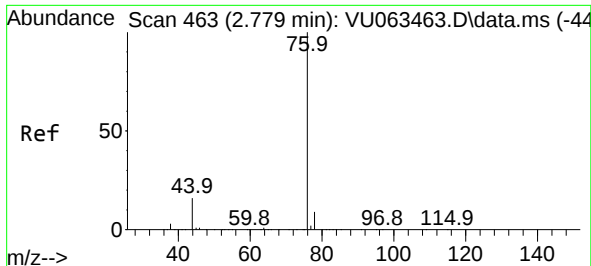
Tgt Ion: 53 Resp: 1074925
Ion Ratio Lower Upper
53 100
52 82.5 65.0 97.4
51 35.7 28.8 43.2



#16
Acetone
Concen: 738.432 ug/l
RT: 2.618 min Scan# 413
Delta R.T. -0.000 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

Tgt Ion: 43 Resp: 1130156
Ion Ratio Lower Upper
43 100
58 29.2 23.1 34.7

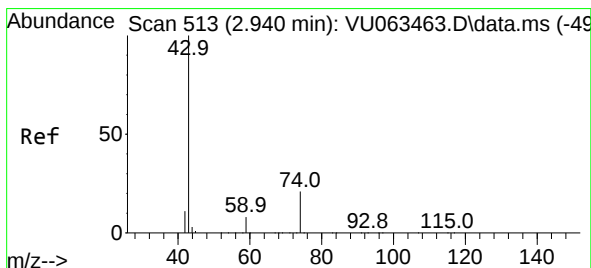
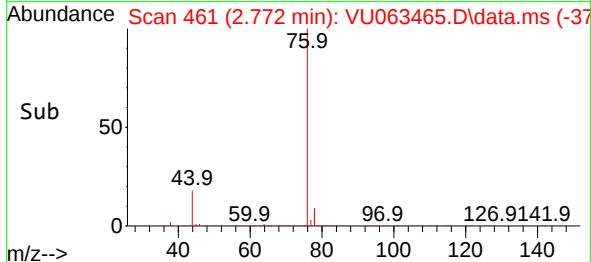
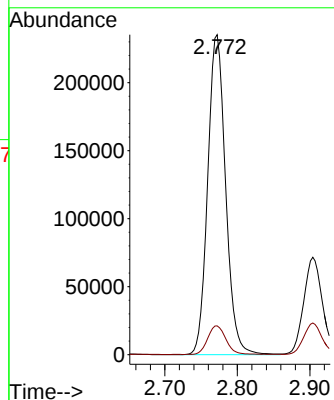
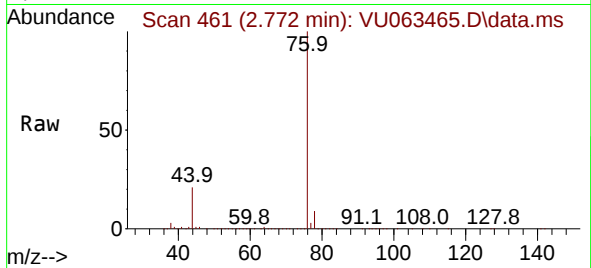




#17
Carbon Disulfide
Concen: 155.484 ug/l
RT: 2.772 min Scan# 461
Delta R.T. -0.007 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

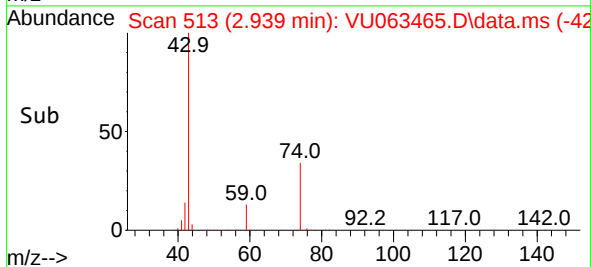
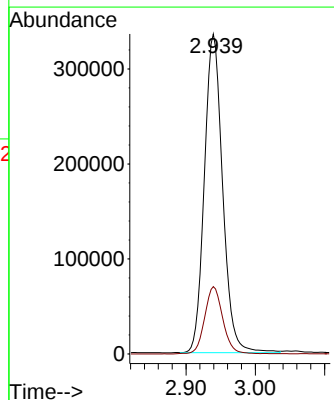
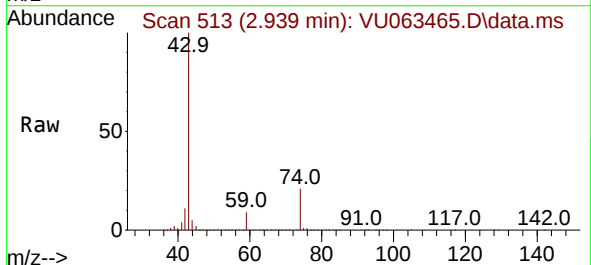
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

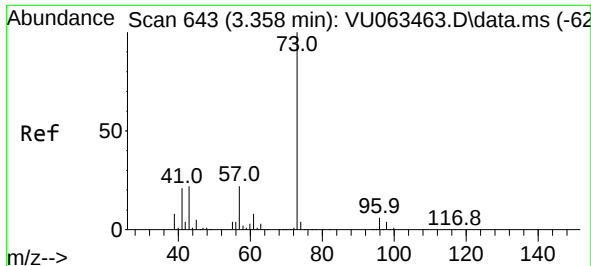
Tgt Ion: 76 Resp: 403871
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 153.199 ug/l
RT: 2.939 min Scan# 513
Delta R.T. -0.000 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

Tgt Ion: 43 Resp: 613995
Ion Ratio Lower Upper
43 100
74 21.0 17.3 25.9

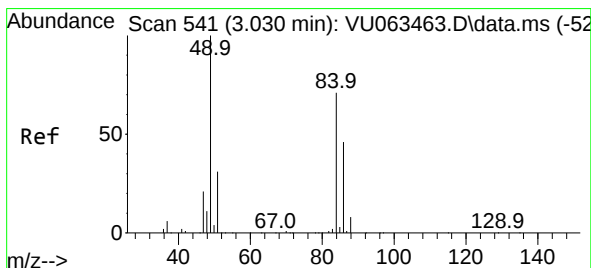
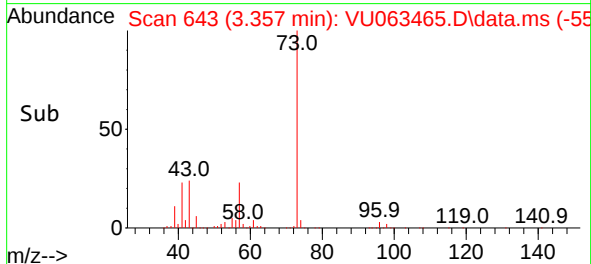
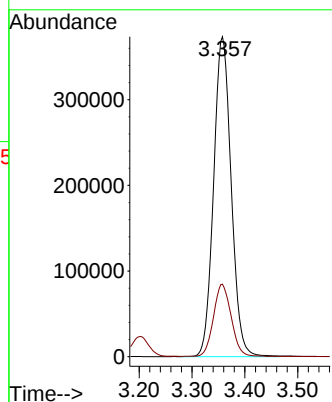
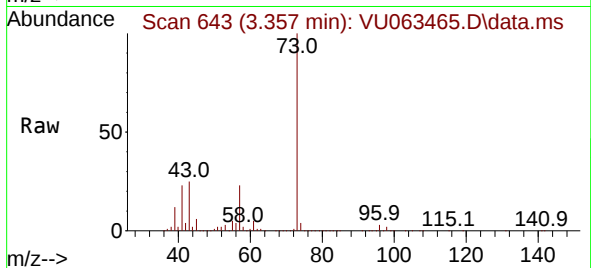




#19
Methyl tert-butyl Ether
Concen: 146.748 ug/l
RT: 3.357 min Scan# 64
Delta R.T. -0.001 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

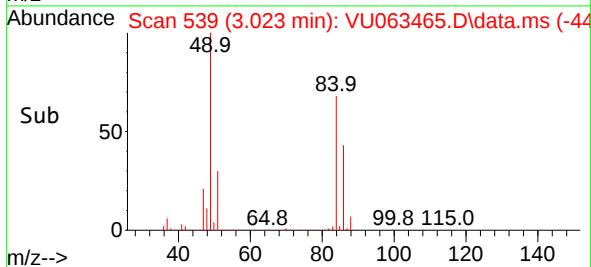
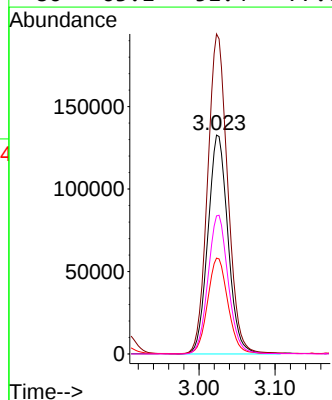
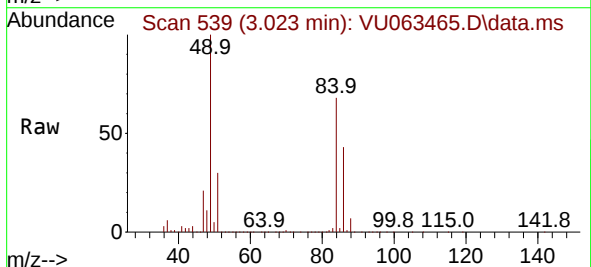
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

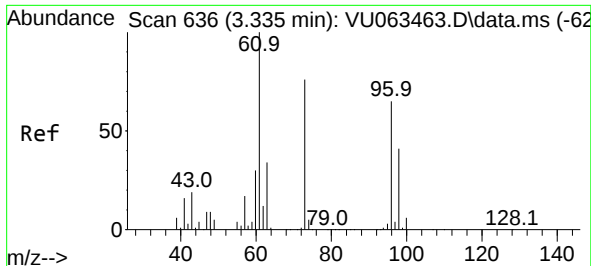
Tgt Ion: 73 Resp: 863450
Ion Ratio Lower Upper
73 100
57 22.6 17.8 26.6



#20
Methylene Chloride
Concen: 153.891 ug/l
RT: 3.023 min Scan# 539
Delta R.T. -0.007 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

Tgt Ion: 84 Resp: 243769
Ion Ratio Lower Upper
84 100
49 146.1 112.1 168.1
51 43.6 34.4 51.6
86 63.1 51.4 77.0

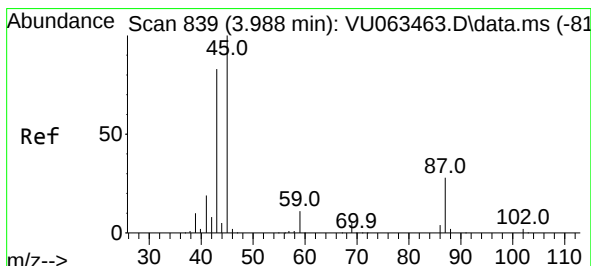
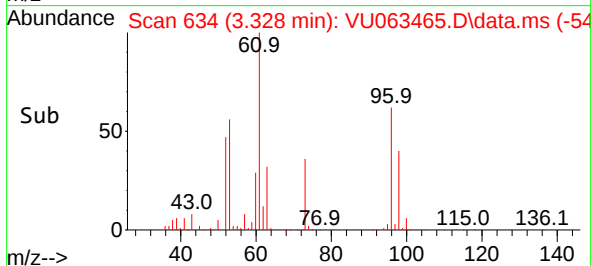
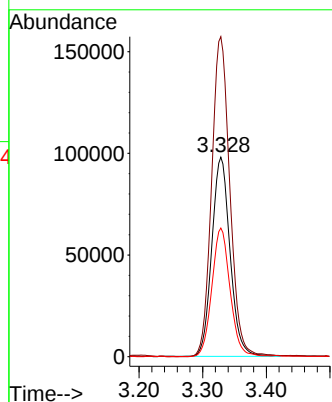
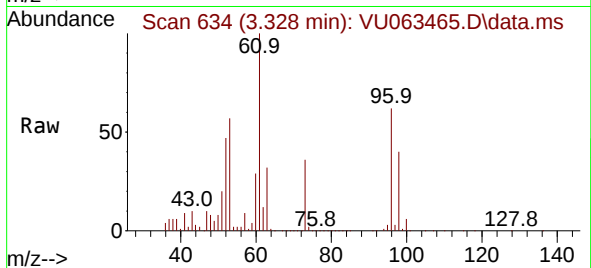




#21
trans-1,2-Dichloroethene
Concen: 155.107 ug/l
RT: 3.328 min Scan# 61
Delta R.T. -0.007 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

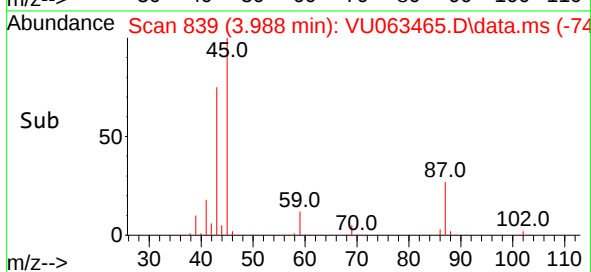
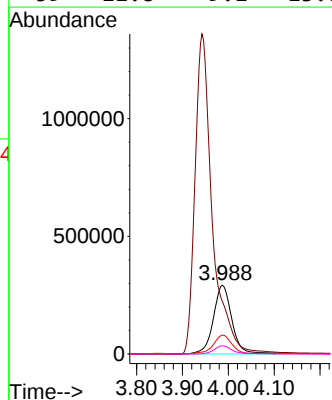
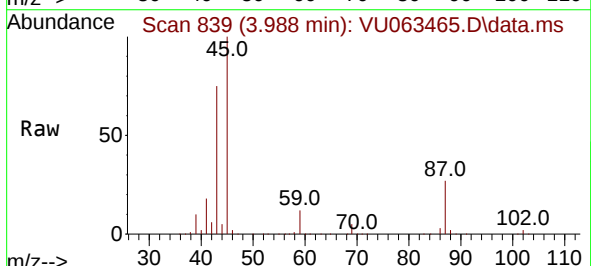
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

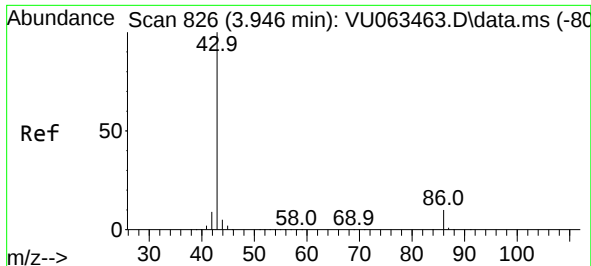
Tgt Ion: 96 Resp: 195463
Ion Ratio Lower Upper
96 100
61 160.7 122.2 183.4
98 64.5 49.9 74.9



#22
Diisopropyl ether
Concen: 148.183 ug/l
RT: 3.988 min Scan# 839
Delta R.T. -0.000 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

Tgt Ion: 45 Resp: 819381
Ion Ratio Lower Upper
45 100
43 75.2 66.5 99.7
87 27.5 22.6 33.8
59 11.8 9.1 13.7

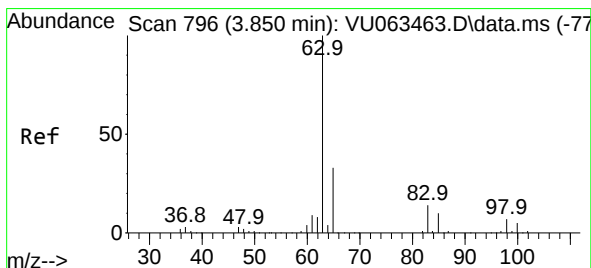
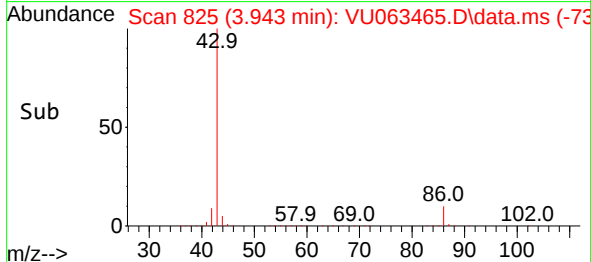
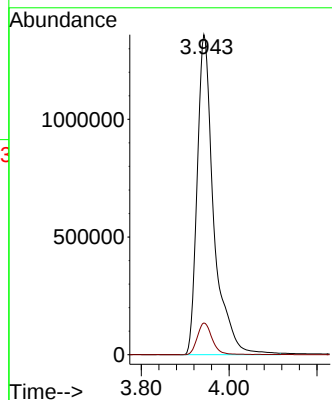
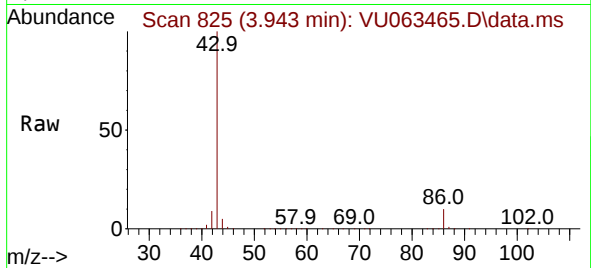




#23
 Vinyl Acetate
 Concen: 830.120 ug/l
 RT: 3.943 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU063465.D
 Acq: 08 Jul 2025 14:50

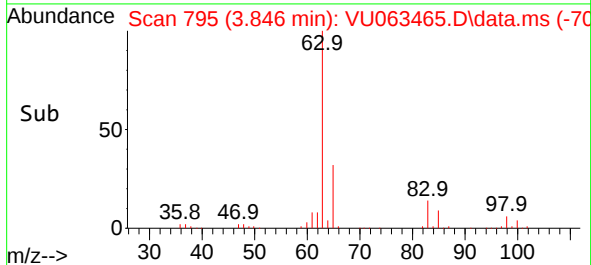
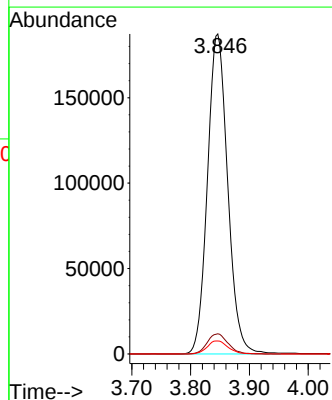
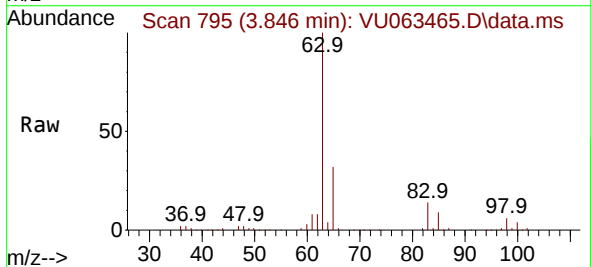
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

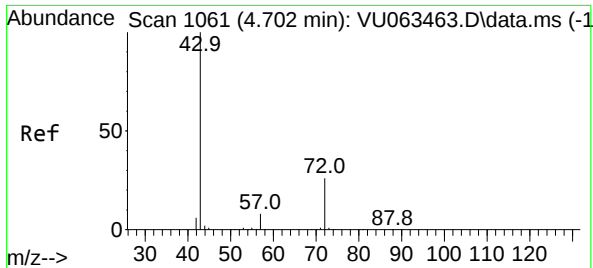
Tgt Ion: 43 Resp: 3561688
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 142.626 ug/l
 RT: 3.846 min Scan# 795
 Delta R.T. -0.003 min
 Lab File: VU063465.D
 Acq: 08 Jul 2025 14:50

Tgt Ion: 63 Resp: 447587
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.6 10.9
 100 4.0 2.3 6.8

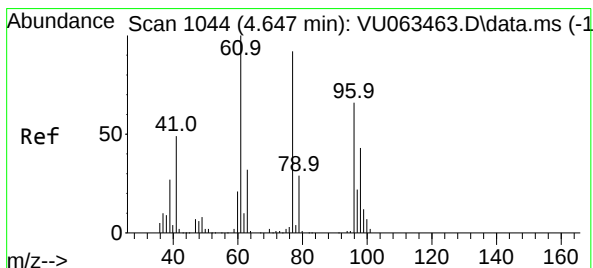
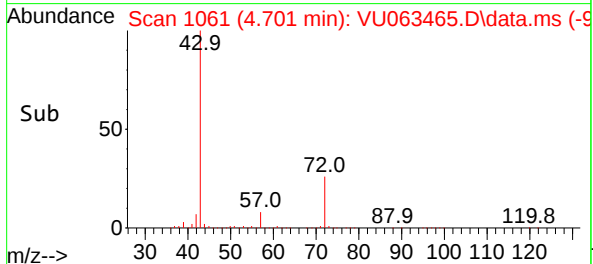
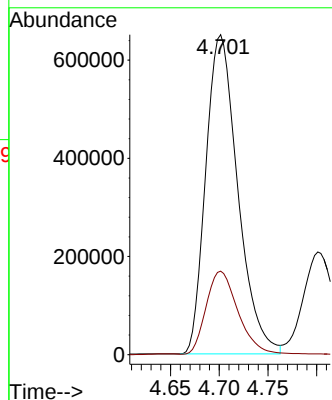
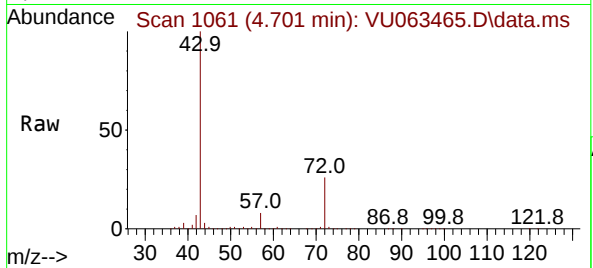




#25
2-Butanone
Concen: 864.662 ug/l
RT: 4.701 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

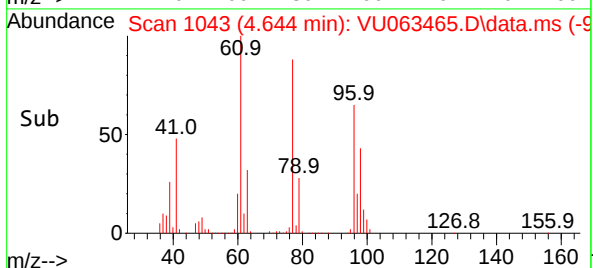
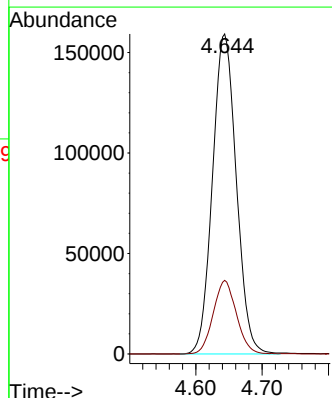
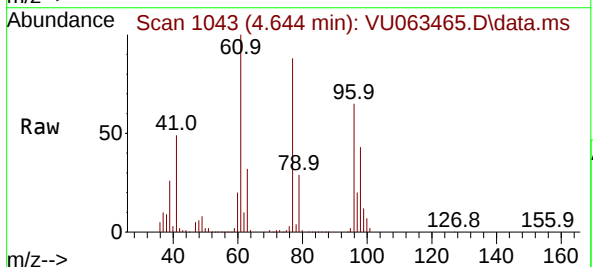
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

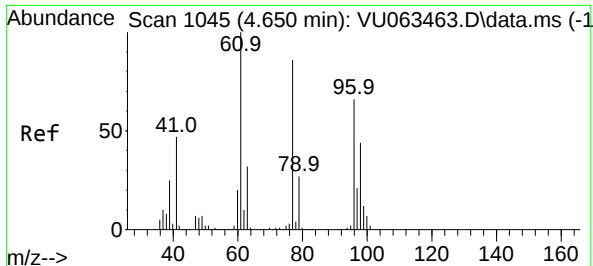
Tgt Ion: 43 Resp: 1485588
Ion Ratio Lower Upper
43 100
72 26.0 20.7 31.1



#26
2,2-Dichloropropane
Concen: 142.519 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. -0.003 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

Tgt Ion: 77 Resp: 397256
Ion Ratio Lower Upper
77 100
97 22.4 11.8 35.3

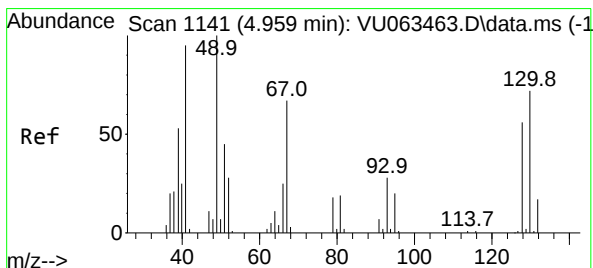
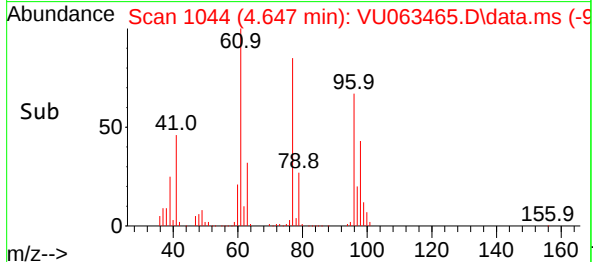
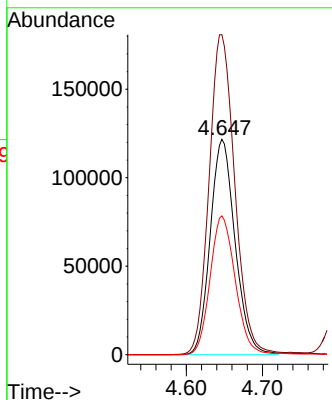
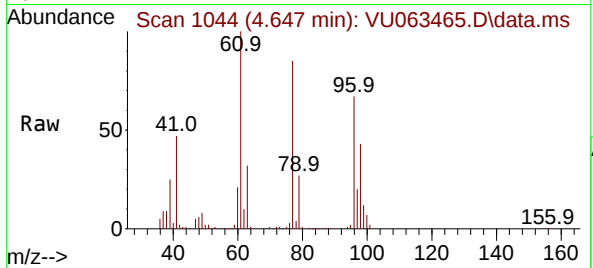




#27
 cis-1,2-Dichloroethene
 Concen: 143.128 ug/l
 RT: 4.647 min Scan# 1044
 Delta R.T. -0.003 min
 Lab File: VU063465.D
 Acq: 08 Jul 2025 14:50

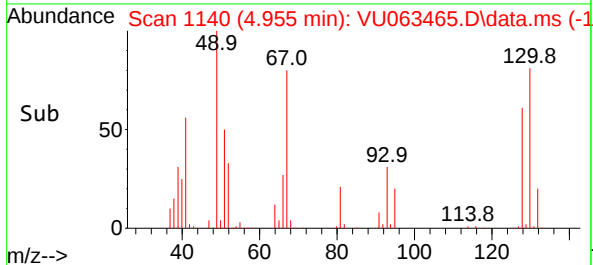
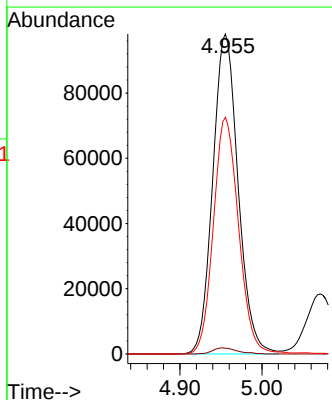
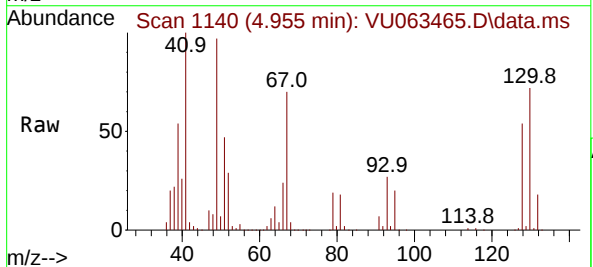
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

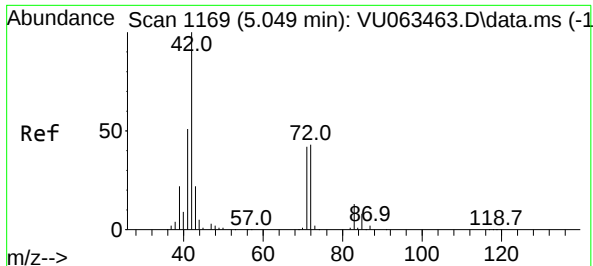
Tgt Ion: 96 Resp: 276913
 Ion Ratio Lower Upper
 96 100
 61 153.4 0.0 307.2
 98 64.9 0.0 133.0



#28
 Bromochloromethane
 Concen: 143.314 ug/l
 RT: 4.955 min Scan# 1140
 Delta R.T. -0.003 min
 Lab File: VU063465.D
 Acq: 08 Jul 2025 14:50

Tgt Ion: 49 Resp: 211266
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 73.3 59.0 88.4





#29

Tetrahydrofuran

Concen: 807.149 ug/l

RT: 5.045 min Scan# 1169

Delta R.T. -0.004 min

Lab File: VU063465.D

Acq: 08 Jul 2025 14:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

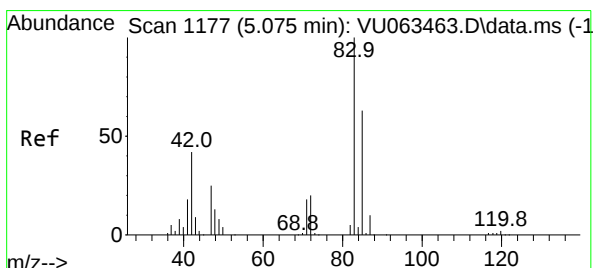
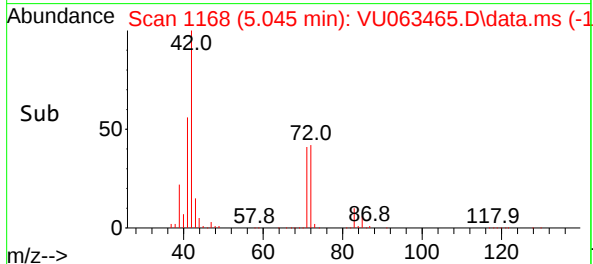
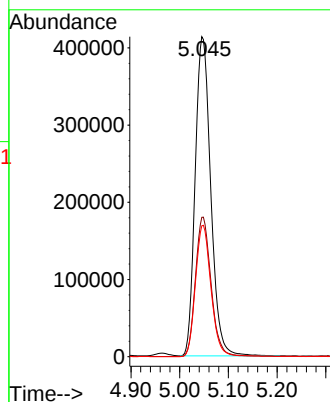
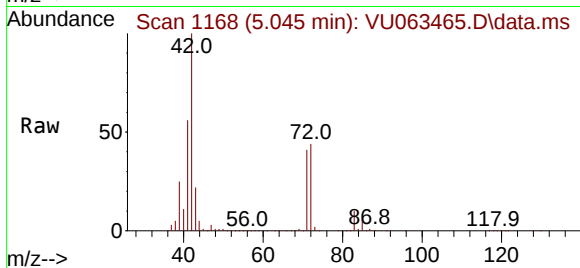
Tgt Ion: 42 Resp: 918903

Ion Ratio Lower Upper

42 100

72 43.8 36.2 54.4

71 40.9 33.3 49.9



#30

Chloroform

Concen: 143.078 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. -0.003 min

Lab File: VU063465.D

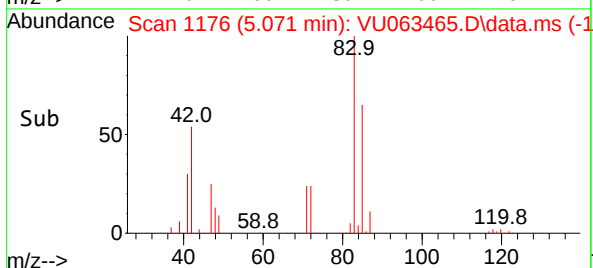
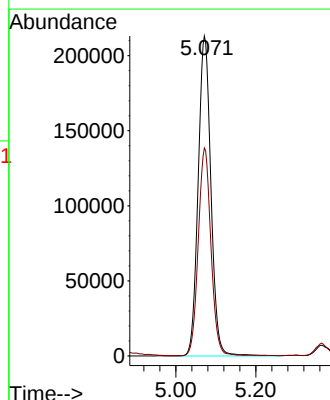
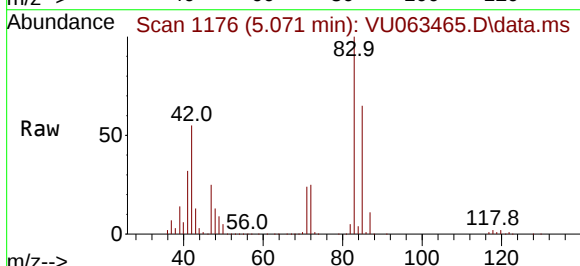
Acq: 08 Jul 2025 14:50

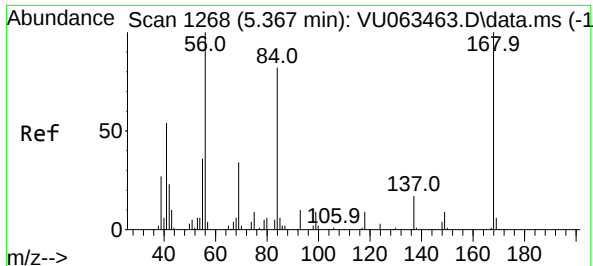
Tgt Ion: 83 Resp: 474049

Ion Ratio Lower Upper

83 100

85 64.9 50.7 76.1





#31

Cyclohexane

Concen: 131.673 ug/l

RT: 5.367 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VU063465.D

Acq: 08 Jul 2025 14:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

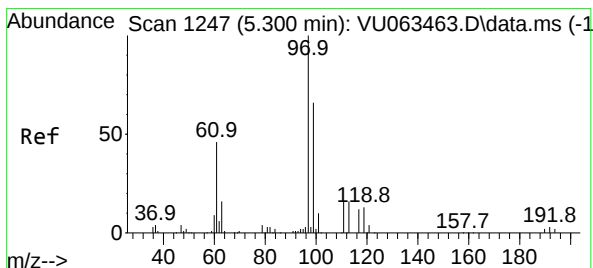
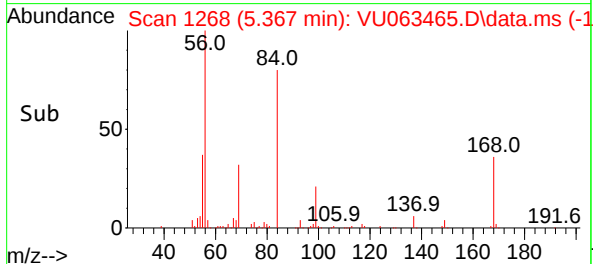
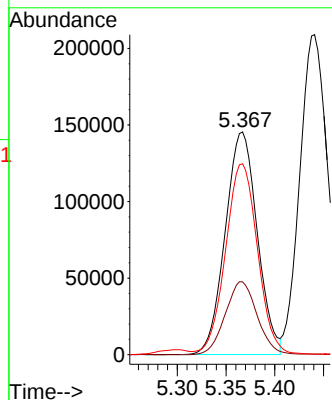
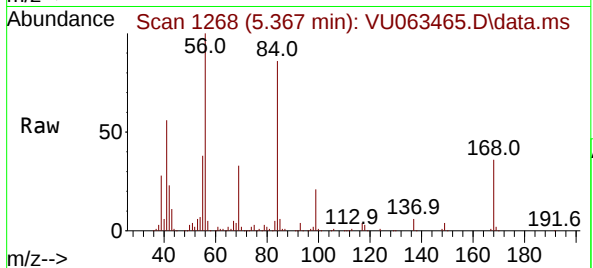
Tgt Ion: 56 Resp: 332637

Ion Ratio Lower Upper

56 100

69 32.7 27.0 40.4

84 83.6 65.7 98.5



#32

1,1,1-Trichloroethane

Concen: 145.626 ug/l

RT: 5.296 min Scan# 1246

Delta R.T. -0.003 min

Lab File: VU063465.D

Acq: 08 Jul 2025 14:50

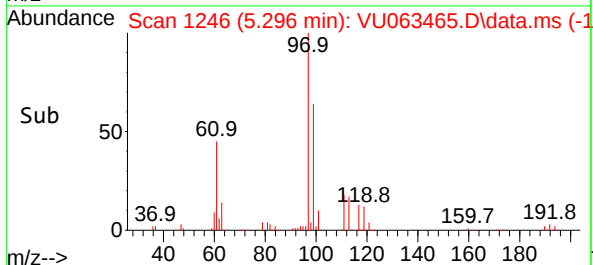
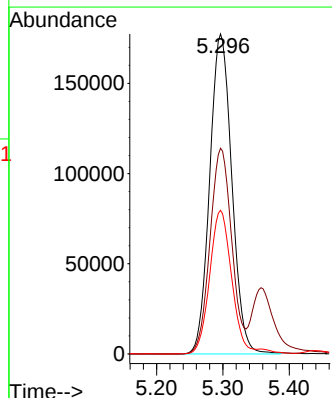
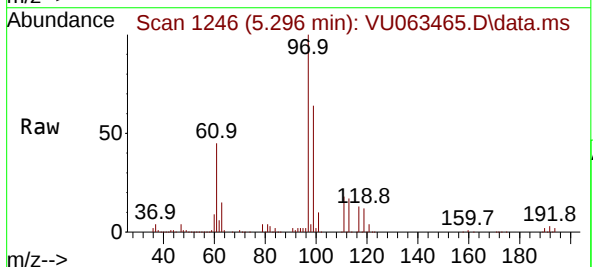
Tgt Ion: 97 Resp: 410826

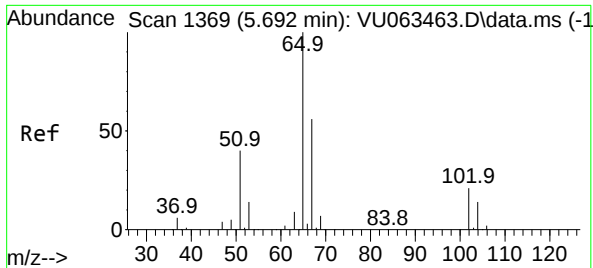
Ion Ratio Lower Upper

97 100

99 63.5 50.4 75.6

61 44.3 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 137.007 ug/l

RT: 5.688 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU063465.D

Acq: 08 Jul 2025 14:50

Instrument :

MSVOA_U

ClientSampleId :

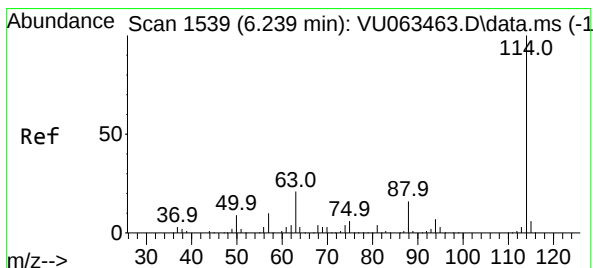
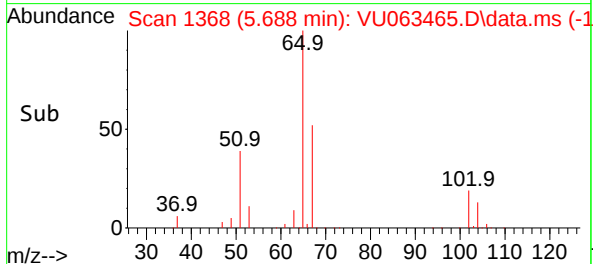
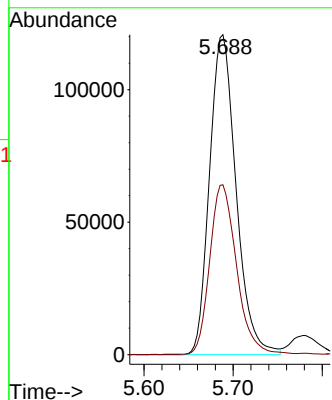
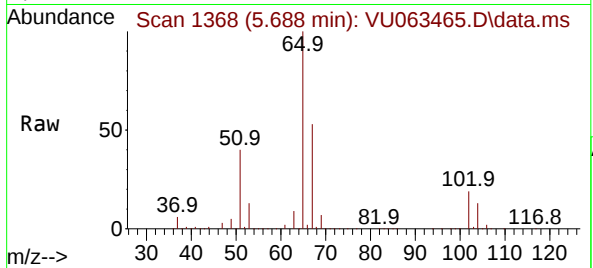
VSTDIC150

Tgt Ion: 65 Resp: 249967

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.235 min Scan# 1538

Delta R.T. -0.003 min

Lab File: VU063465.D

Acq: 08 Jul 2025 14:50

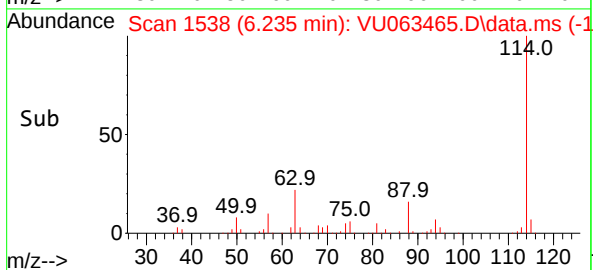
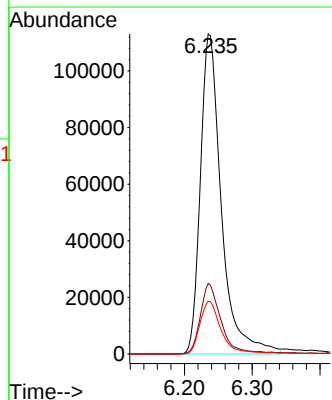
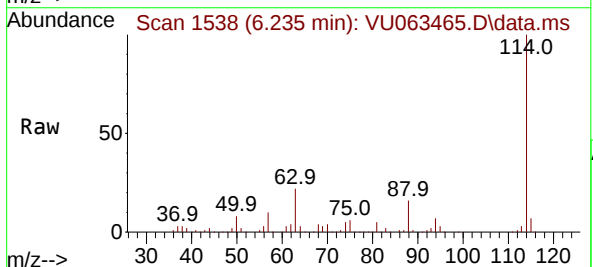
Tgt Ion: 114 Resp: 243360

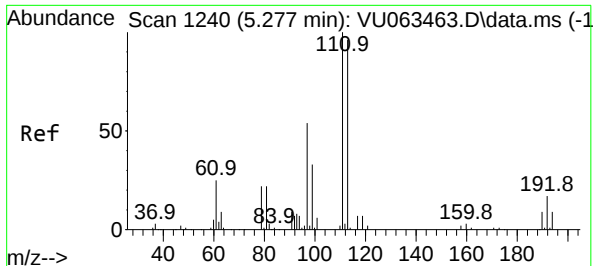
Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.6

88 16.5 0.0 32.0





#35

Dibromofluoromethane

Concen: 144.612 ug/l

RT: 5.274 min Scan# 113

Delta R.T. -0.003 min

Lab File: VU063465.D

Acq: 08 Jul 2025 14:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

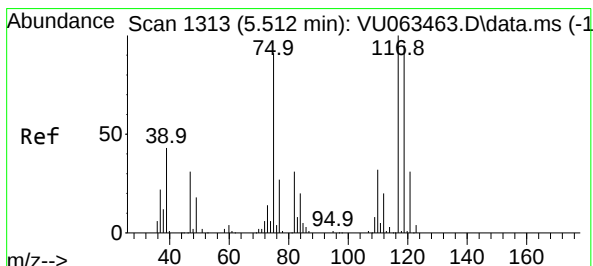
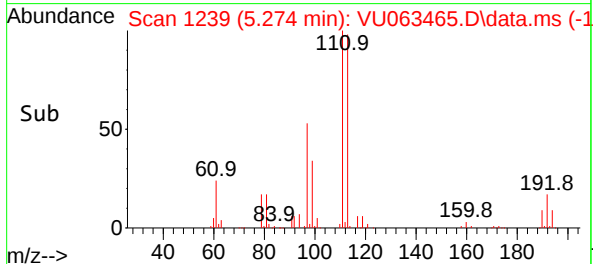
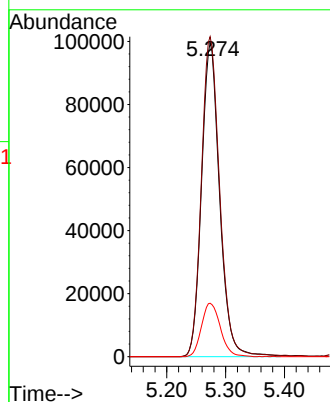
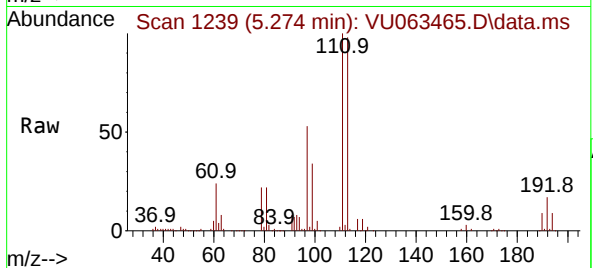
Tgt Ion:113 Resp: 212136

Ion Ratio Lower Upper

113 100

111 103.5 82.1 123.1

192 17.9 14.3 21.5



#36

1,1-Dichloropropene

Concen: 145.084 ug/l

RT: 5.508 min Scan# 1312

Delta R.T. -0.003 min

Lab File: VU063465.D

Acq: 08 Jul 2025 14:50

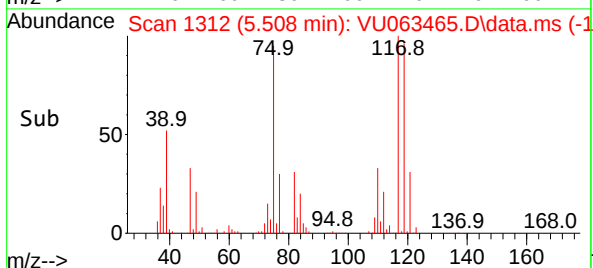
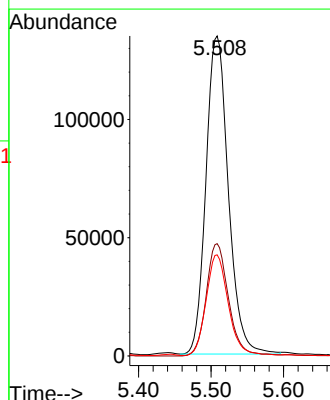
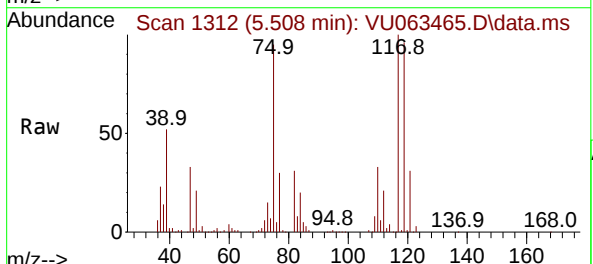
Tgt Ion: 75 Resp: 289188

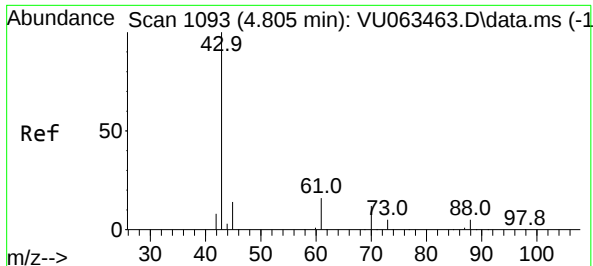
Ion Ratio Lower Upper

75 100

110 35.2 17.3 52.0

77 31.3 23.9 35.9





#37

Ethyl Acetate

Concen: 152.200 ug/l

RT: 4.801 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063465.D

Acq: 08 Jul 2025 14:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

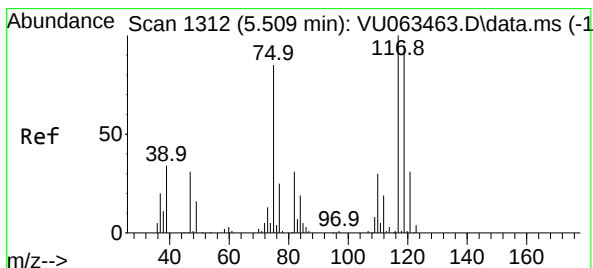
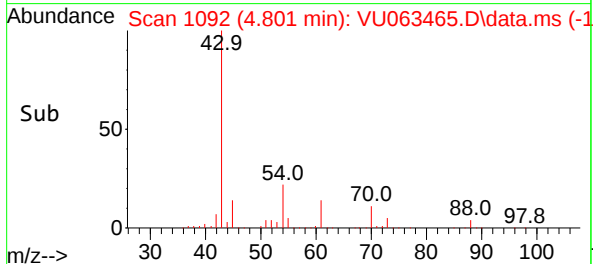
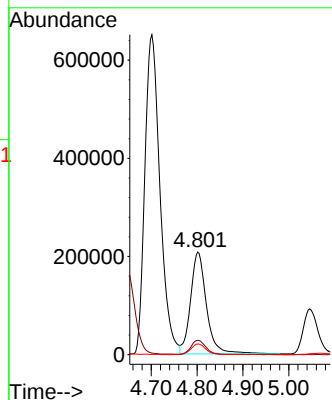
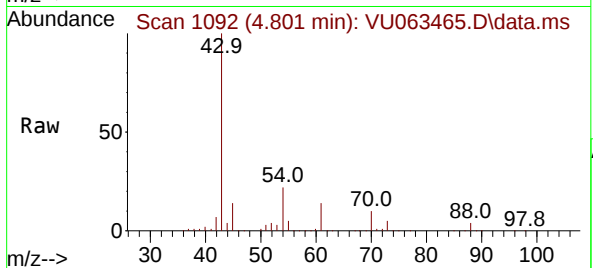
Tgt Ion: 43 Resp: 501300

Ion Ratio Lower Upper

43 100

61 12.9 10.4 15.6

70 9.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 151.344 ug/l

RT: 5.505 min Scan# 1311

Delta R.T. -0.003 min

Lab File: VU063465.D

Acq: 08 Jul 2025 14:50

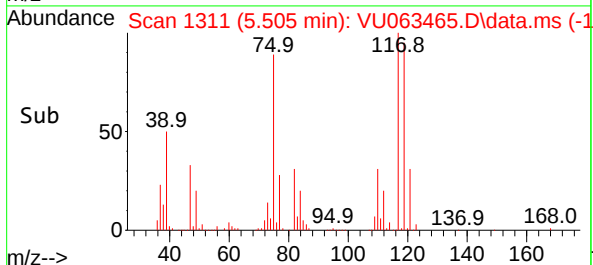
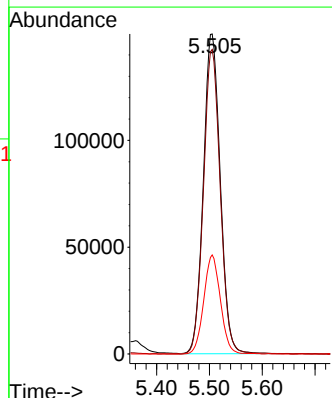
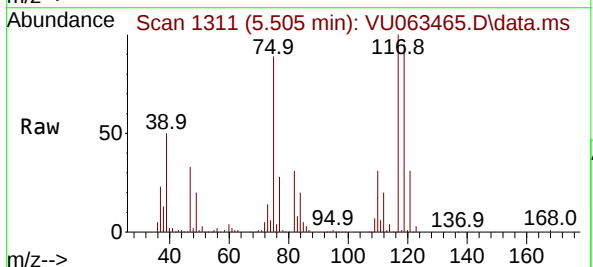
Tgt Ion:117 Resp: 332384

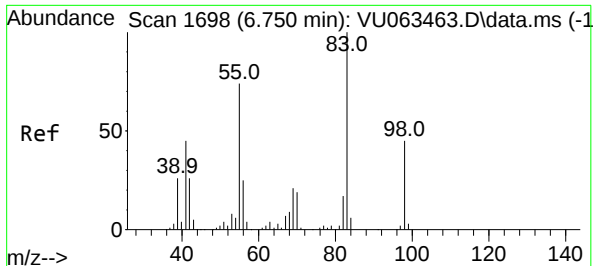
Ion Ratio Lower Upper

117 100

119 95.3 76.1 114.1

121 31.0 25.0 37.4





#39

Methylcyclohexane

Concen: 143.788 ug/l

RT: 6.746 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063465.D

Acq: 08 Jul 2025 14:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

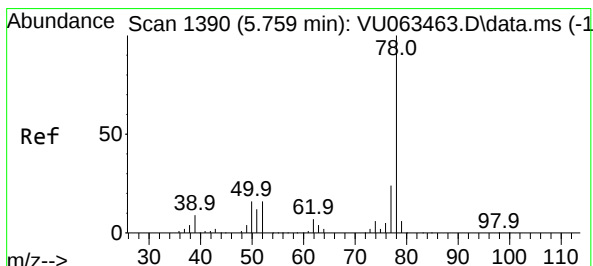
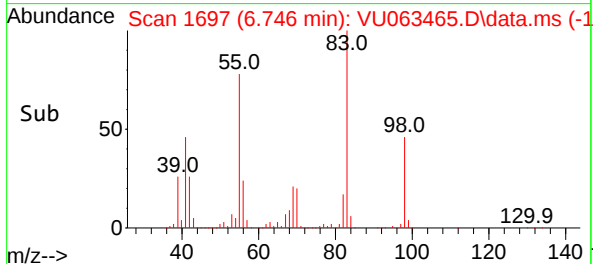
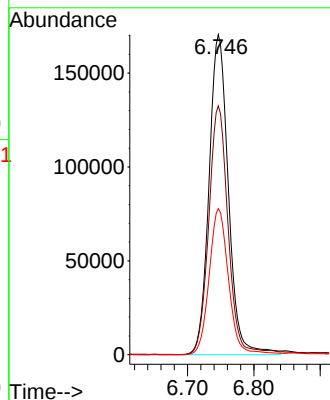
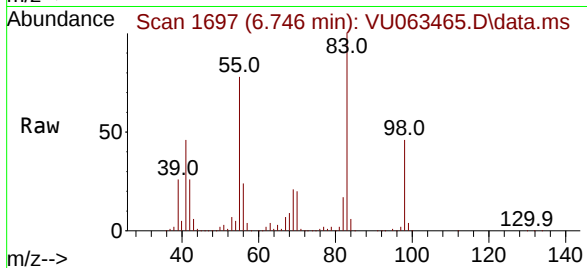
Tgt Ion: 83 Resp: 346302

Ion Ratio Lower Upper

83 100

55 77.7 59.4 89.2

98 45.7 36.2 54.4



#40

Benzene

Concen: 150.891 ug/l

RT: 5.756 min Scan# 1389

Delta R.T. -0.003 min

Lab File: VU063465.D

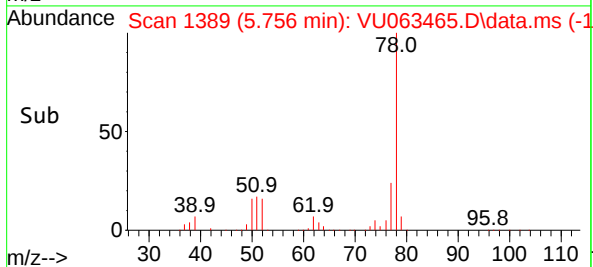
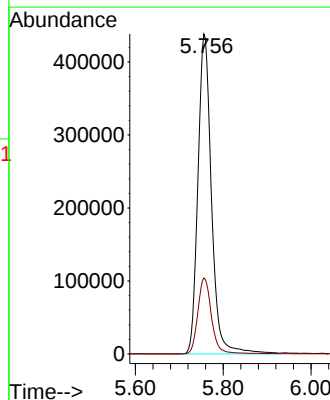
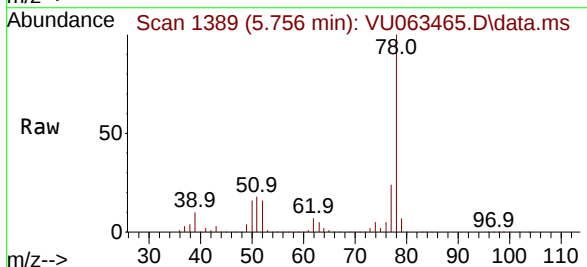
Acq: 08 Jul 2025 14:50

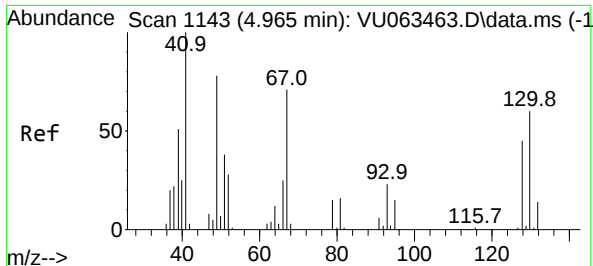
Tgt Ion: 78 Resp: 939289

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4



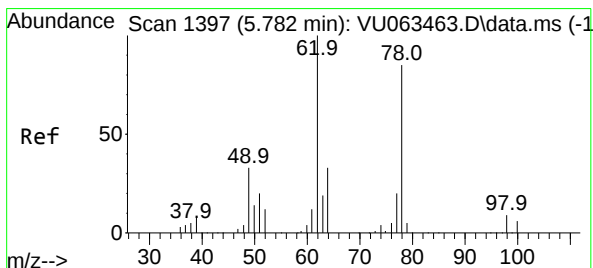
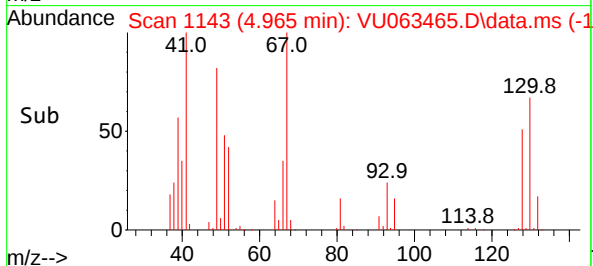
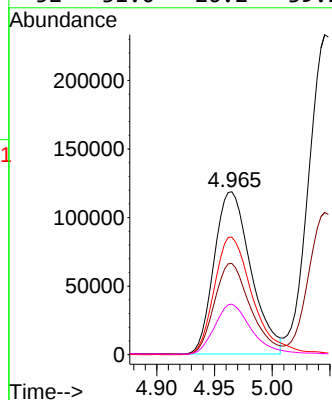
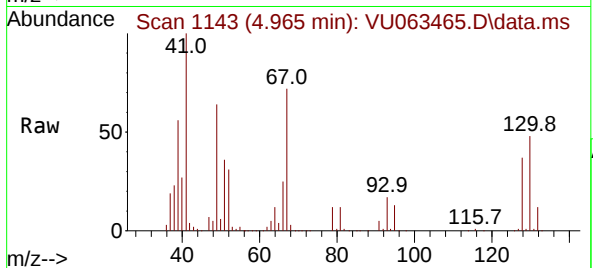


#41
Methacrylonitrile
Concen: 177.281 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150

Tgt Ion: 41 Resp: 261953

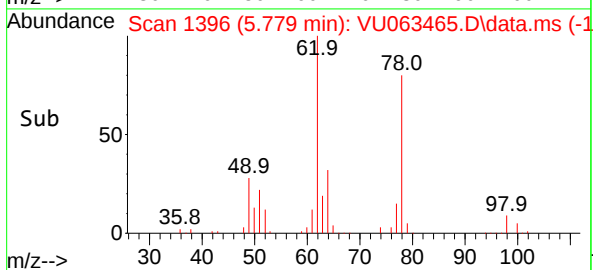
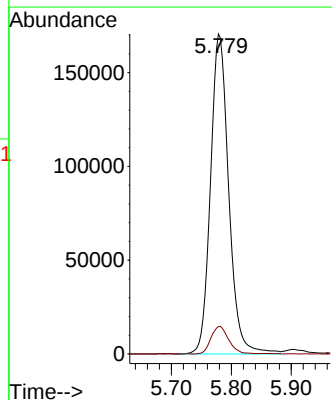
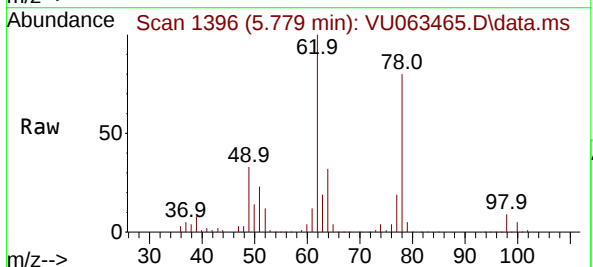
Ion	Ratio	Lower	Upper
41	100		
39	55.1	43.6	65.4
67	76.4	62.8	94.2
52	31.0	26.2	39.2

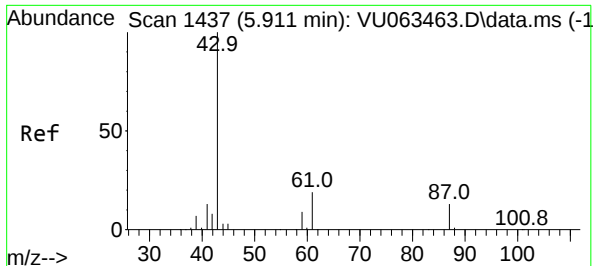


#42
1,2-Dichloroethane
Concen: 153.992 ug/l
RT: 5.779 min Scan# 1396
Delta R.T. -0.003 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

Tgt Ion: 62 Resp: 360449

Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.6

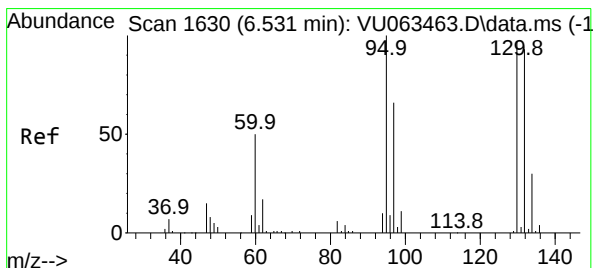
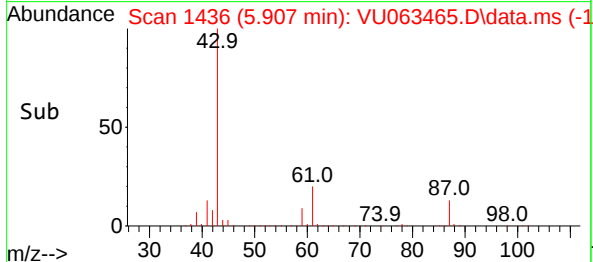
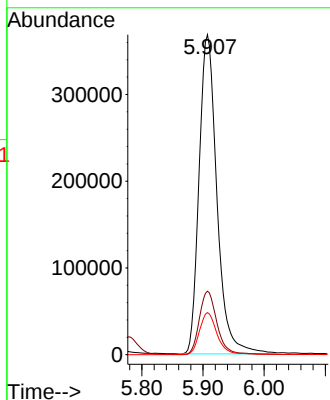
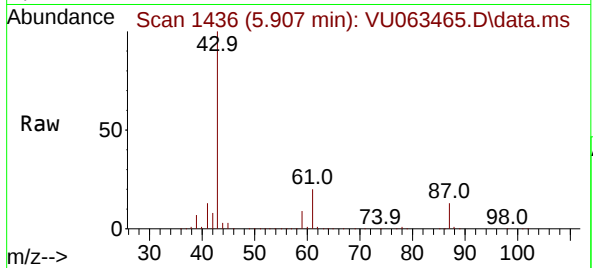




#43
Isopropyl Acetate
Concen: 174.093 ug/l
RT: 5.907 min Scan# 1436
Delta R.T. -0.003 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

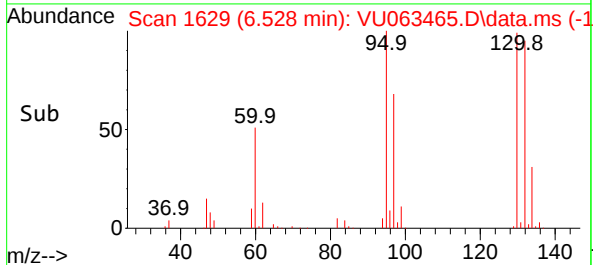
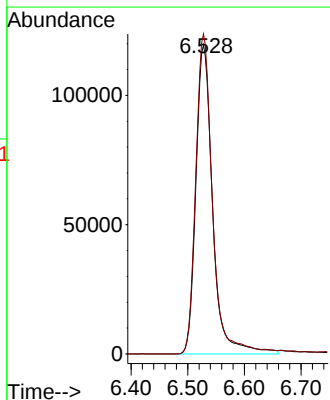
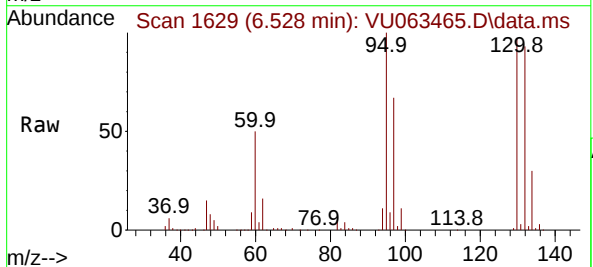
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

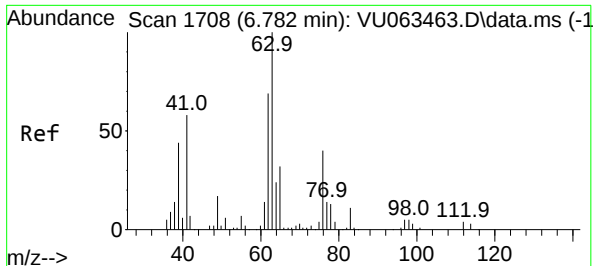
Tgt Ion: 43 Resp: 746463
Ion Ratio Lower Upper
43 100
61 19.5 15.4 23.2
87 13.1 10.5 15.7



#44
Trichloroethene
Concen: 147.686 ug/l
RT: 6.528 min Scan# 1629
Delta R.T. -0.003 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

Tgt Ion: 130 Resp: 246024
Ion Ratio Lower Upper
130 100
95 103.5 0.0 206.4





#45

1,2-Dichloropropane

Concen: 152.424 ug/l

RT: 6.778 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063465.D

Acq: 08 Jul 2025 14:50

Instrument :

MSVOA_U

ClientSampleId :

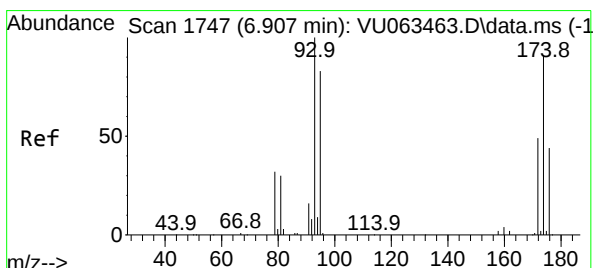
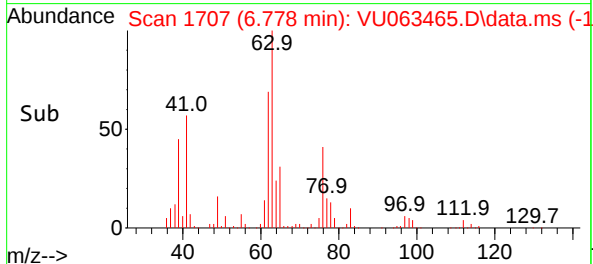
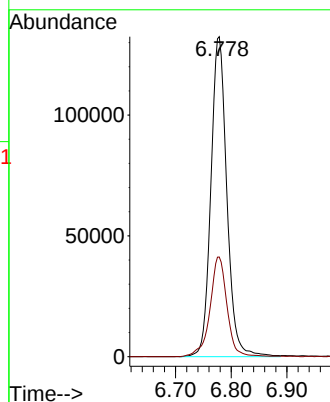
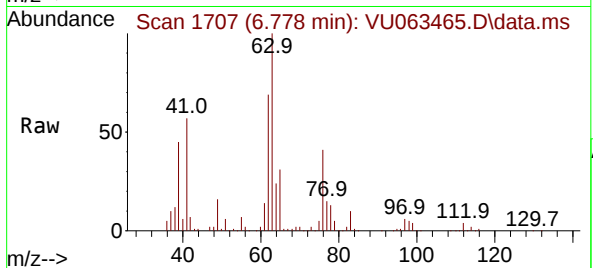
VSTDIC150

Tgt Ion: 63 Resp: 263770

Ion Ratio Lower Upper

63 100

65 31.2 25.3 37.9



#46

Dibromomethane

Concen: 156.042 ug/l

RT: 6.904 min Scan# 1746

Delta R.T. -0.003 min

Lab File: VU063465.D

Acq: 08 Jul 2025 14:50

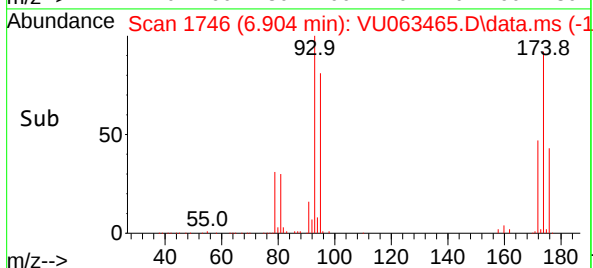
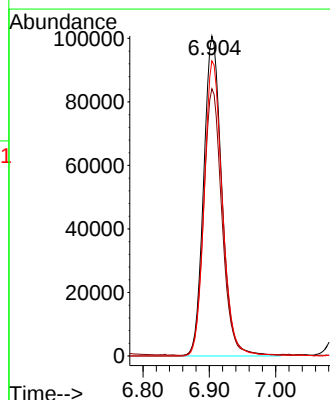
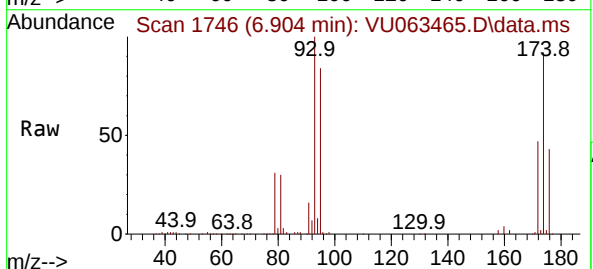
Tgt Ion: 93 Resp: 192126

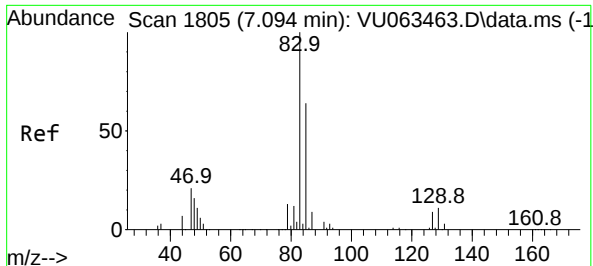
Ion Ratio Lower Upper

93 100

95 83.7 67.5 101.3

174 92.1 73.1 109.7

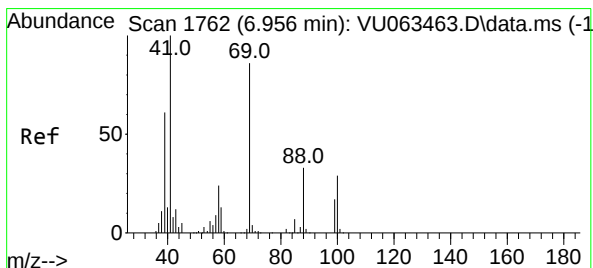
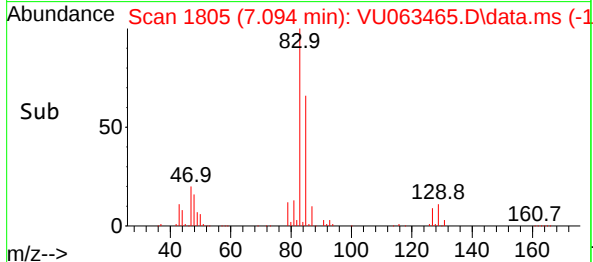
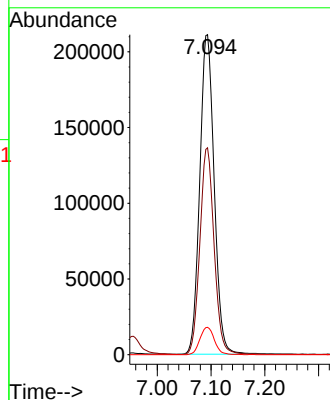
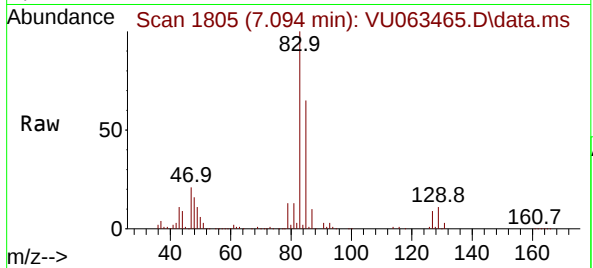




#47
Bromodichloromethane
Concen: 153.677 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

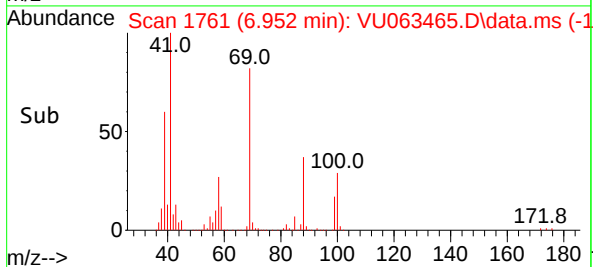
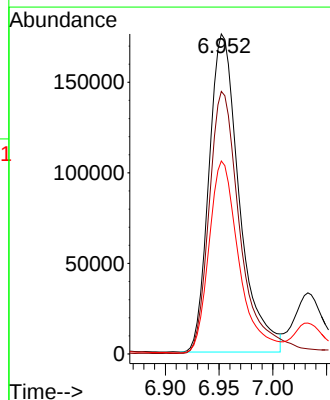
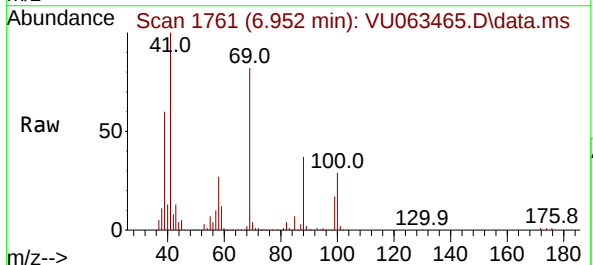
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

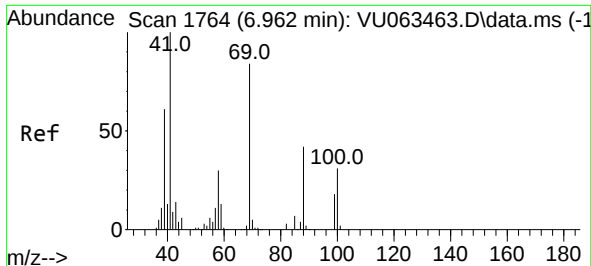
Tgt Ion: 83 Resp: 393443
Ion Ratio Lower Upper
83 100
85 64.6 51.4 77.0
127 8.6 7.0 10.4



#48
Methyl methacrylate
Concen: 174.108 ug/l
RT: 6.952 min Scan# 1761
Delta R.T. -0.003 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

Tgt Ion: 41 Resp: 345038
Ion Ratio Lower Upper
41 100
69 85.7 69.8 104.8
39 59.5 48.3 72.5





#49

1,4-Dioxane

Concen: 3510.783 ug/l

RT: 6.959 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063465.D

Acq: 08 Jul 2025 14:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

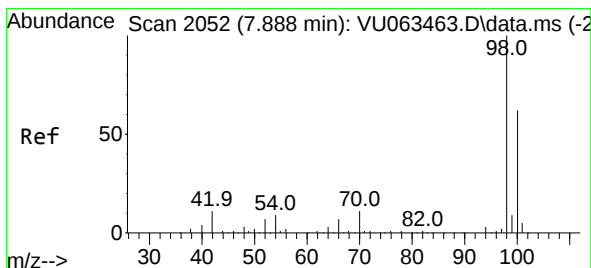
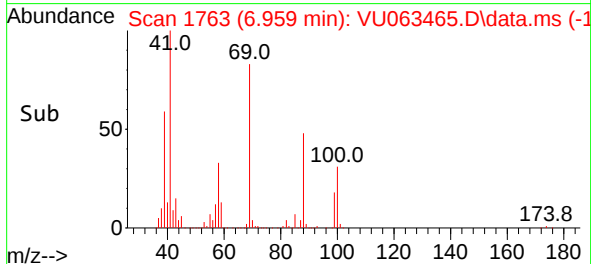
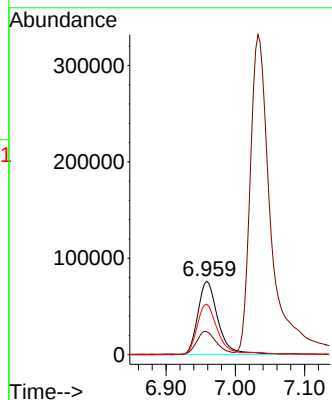
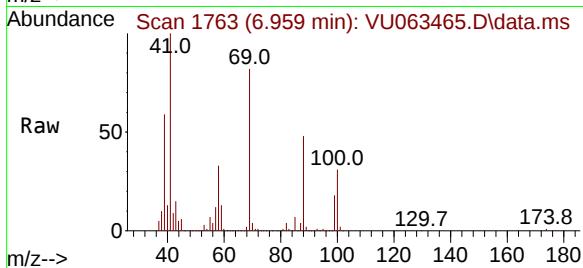
Tgt Ion: 88 Resp: 152673

Ion Ratio Lower Upper

88 100

43 30.9 25.6 38.4

58 69.9 55.0 82.6



#50

Toluene-d8

Concen: 146.527 ug/l

RT: 7.888 min Scan# 2052

Delta R.T. -0.000 min

Lab File: VU063465.D

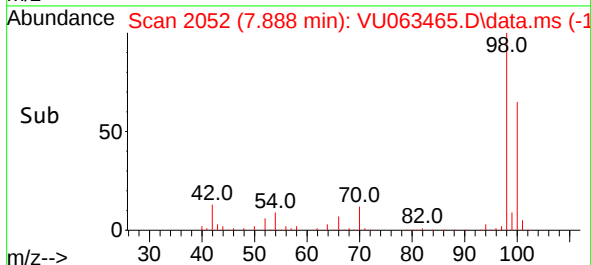
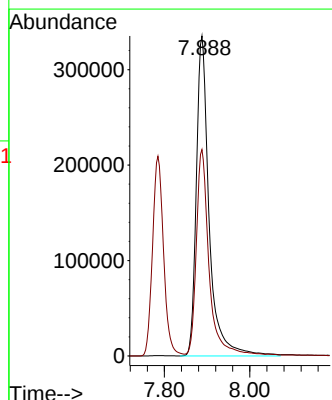
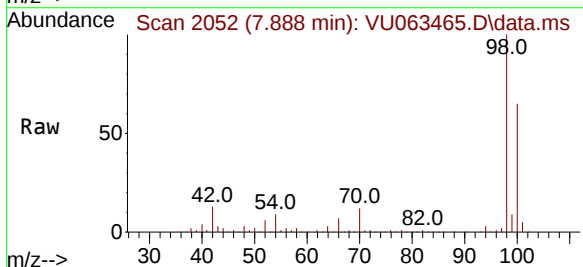
Acq: 08 Jul 2025 14:50

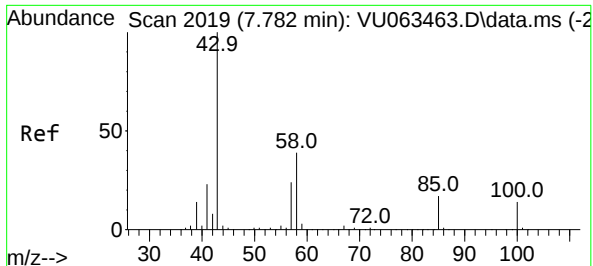
Tgt Ion: 98 Resp: 700652

Ion Ratio Lower Upper

98 100

100 62.6 48.1 72.1

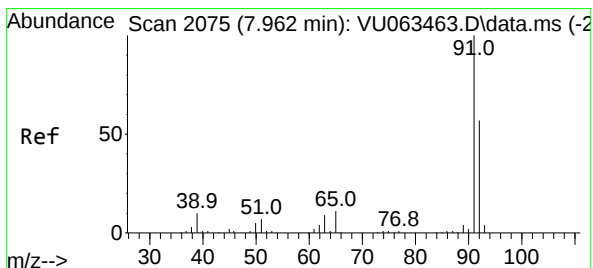
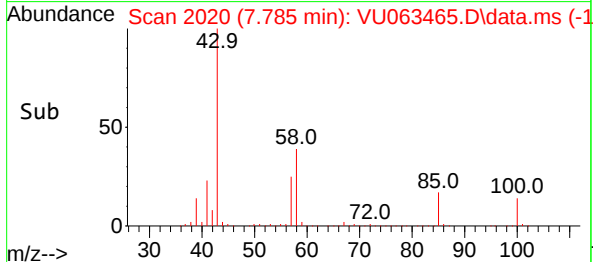
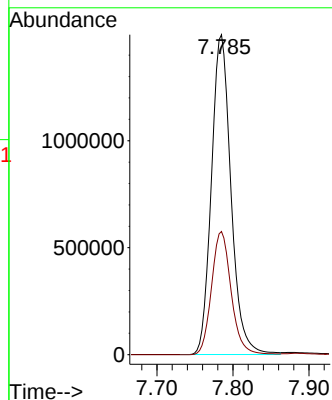
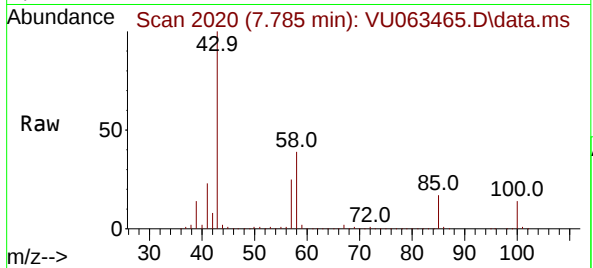




#51
4-Methyl-2-Pentanone
Concen: 860.785 ug/l
RT: 7.785 min Scan# 2019
Delta R.T. 0.003 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

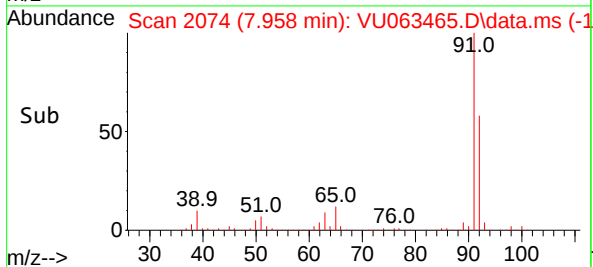
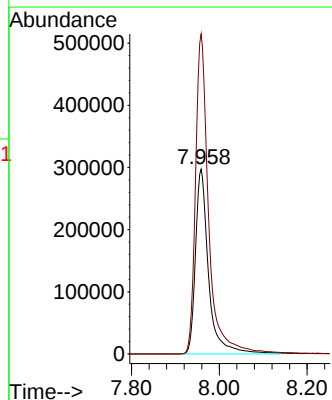
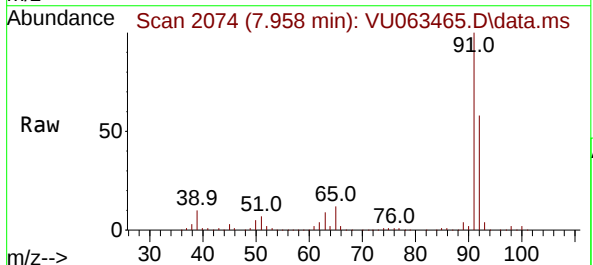
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

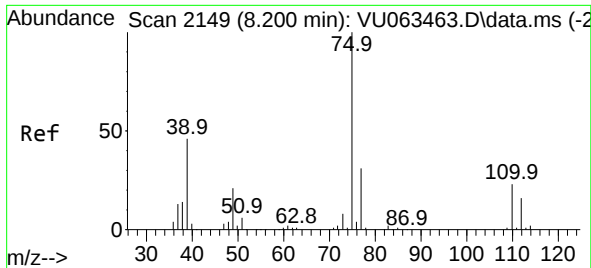
Tgt Ion: 43 Resp: 2671372
Ion Ratio Lower Upper
43 100
58 38.7 31.0 46.4



#52
Toluene
Concen: 151.735 ug/l
RT: 7.958 min Scan# 2074
Delta R.T. -0.003 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

Tgt Ion: 92 Resp: 617809
Ion Ratio Lower Upper
92 100
91 171.2 144.5 216.7

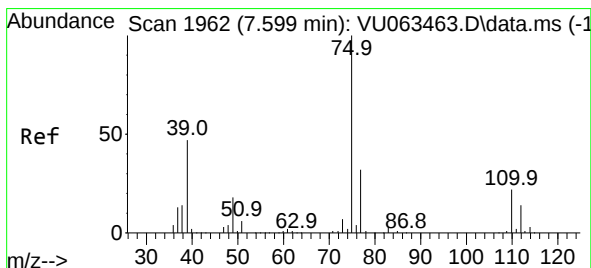
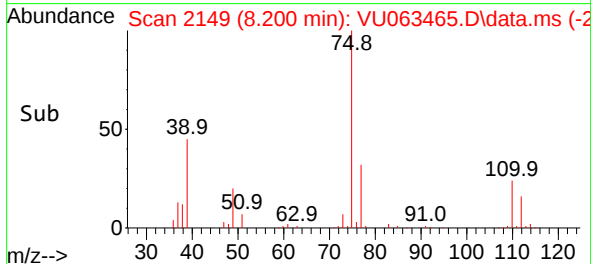
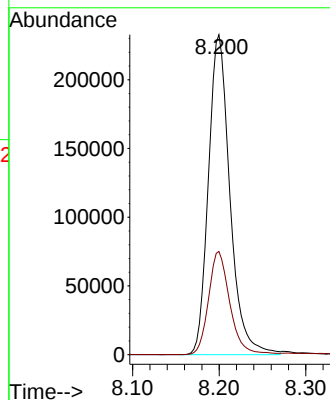
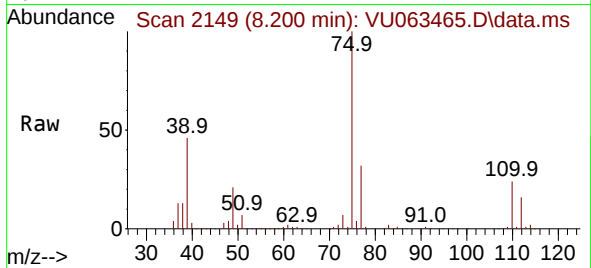




#53
 t-1,3-Dichloropropene
 Concen: 179.347 ug/l
 RT: 8.200 min Scan# 2149
 Delta R.T. -0.000 min
 Lab File: VU063465.D
 Acq: 08 Jul 2025 14:50

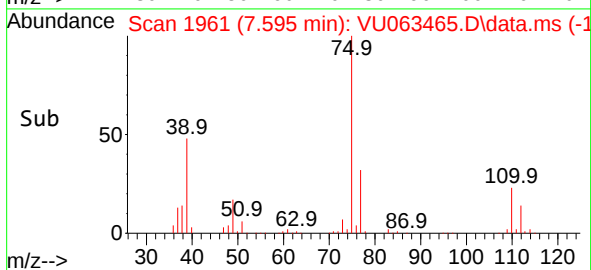
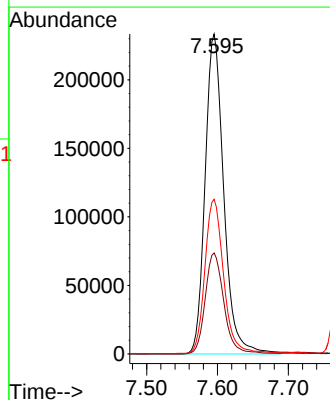
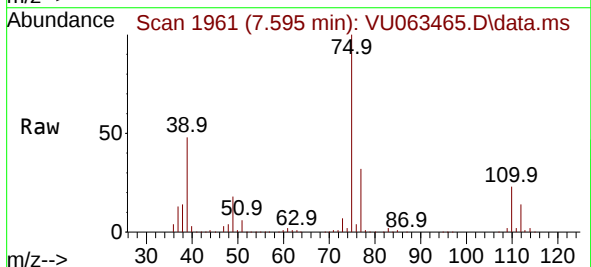
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

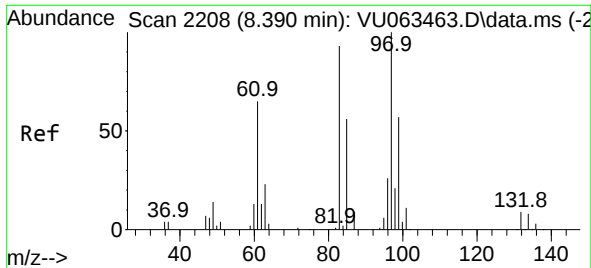
Tgt Ion: 75 Resp: 401801
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 170.154 ug/l
 RT: 7.595 min Scan# 1961
 Delta R.T. -0.003 min
 Lab File: VU063465.D
 Acq: 08 Jul 2025 14:50

Tgt Ion: 75 Resp: 426736
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0
 39 48.1 37.2 55.8

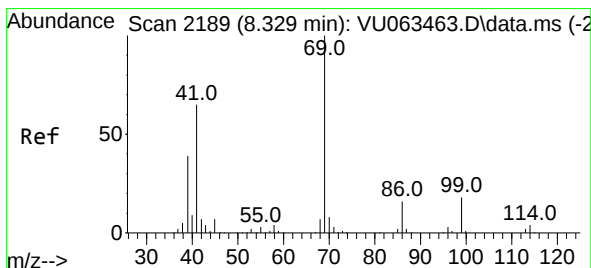
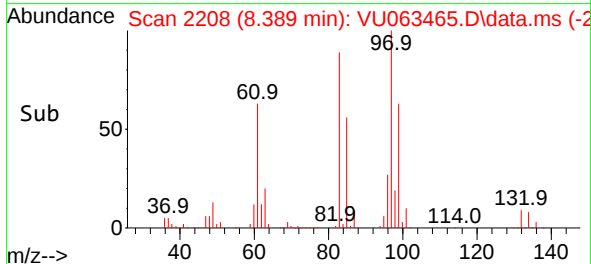
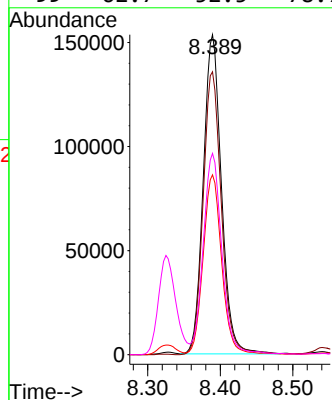
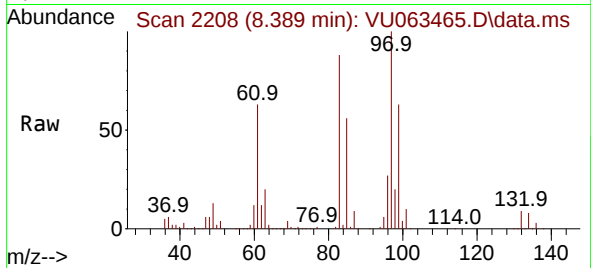




#55
1,1,2-Trichloroethane
Concen: 154.196 ug/l
RT: 8.389 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

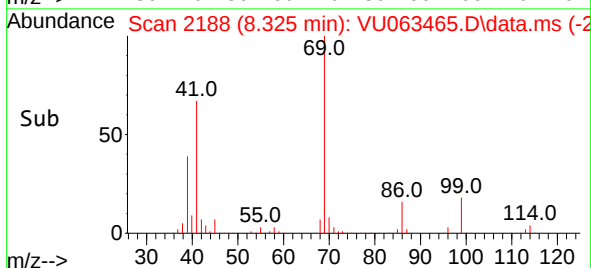
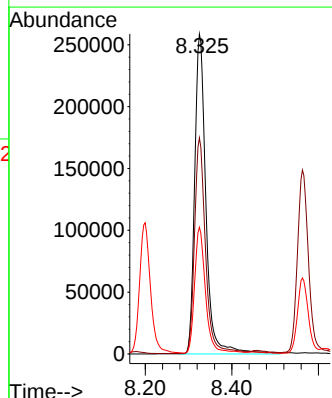
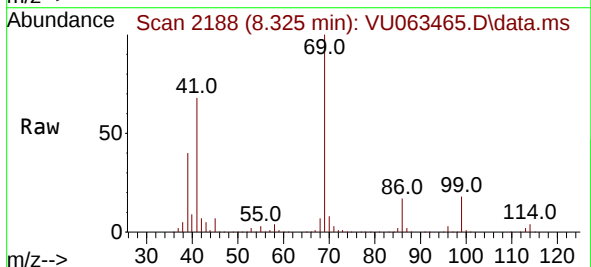
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

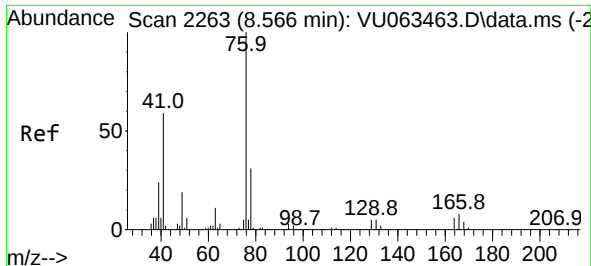
Tgt Ion:	97	Resp:	266627
Ion	Ratio	Lower	Upper
97	100		
83	88.7	74.2	111.4
85	56.1	45.8	68.8
99	62.7	52.5	78.7



#56
Ethyl methacrylate
Concen: 168.214 ug/l
RT: 8.325 min Scan# 2188
Delta R.T. -0.003 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

Tgt Ion:	69	Resp:	469203
Ion	Ratio	Lower	Upper
69	100		
41	65.8	53.0	79.6
39	37.9	31.0	46.4





#57

1,3-Dichloropropane

Concen: 154.217 ug/l

RT: 8.563 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063465.D

Acq: 08 Jul 2025 14:50

Instrument :

MSVOA_U

ClientSampleId :

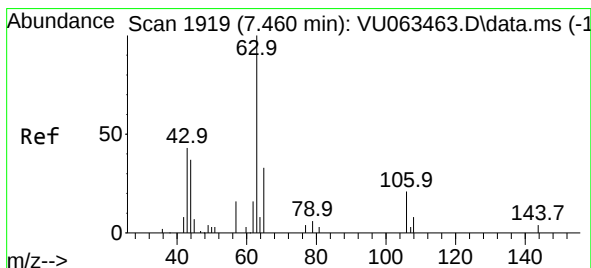
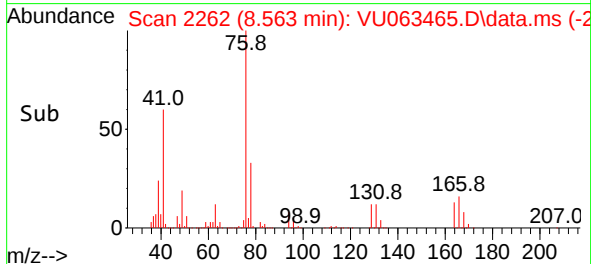
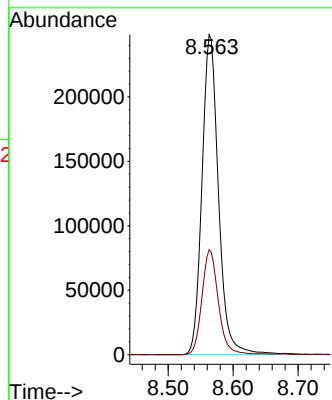
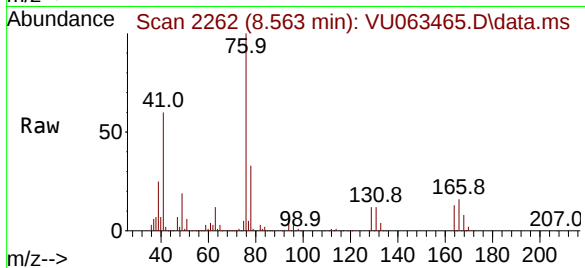
VSTDIC150

Tgt Ion: 76 Resp: 439559

Ion Ratio Lower Upper

76 100

78 32.7 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 1144.171 ug/l

RT: 7.457 min Scan# 1918

Delta R.T. -0.003 min

Lab File: VU063465.D

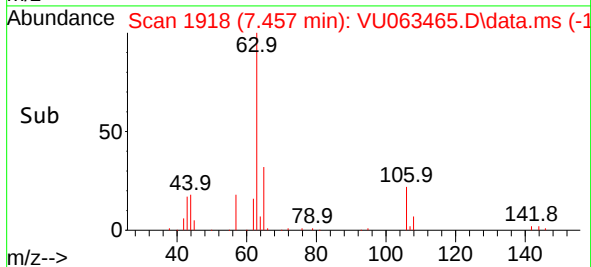
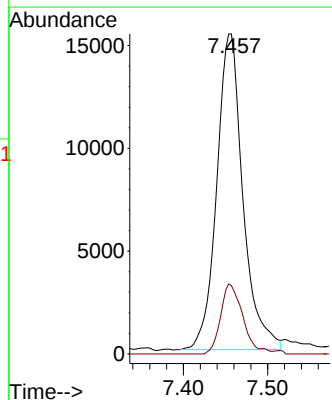
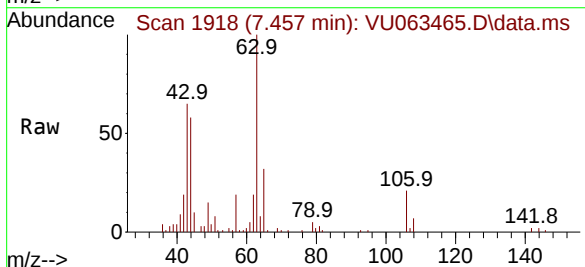
Acq: 08 Jul 2025 14:50

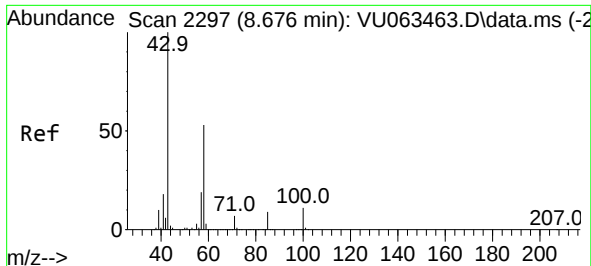
Tgt Ion: 63 Resp: 33140

Ion Ratio Lower Upper

63 100

106 18.8 11.5 17.3#

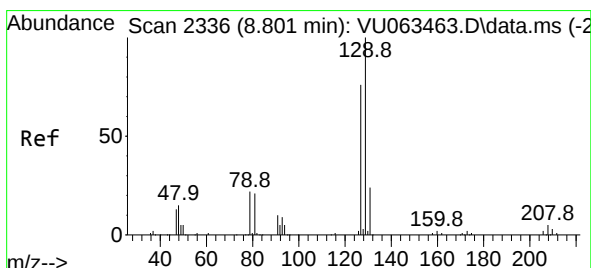
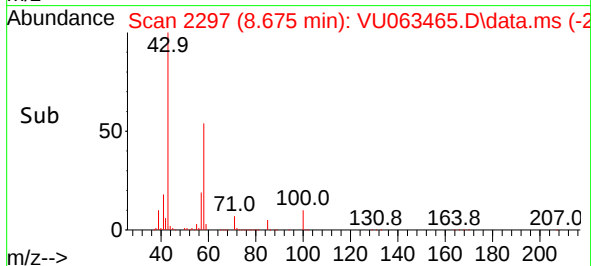
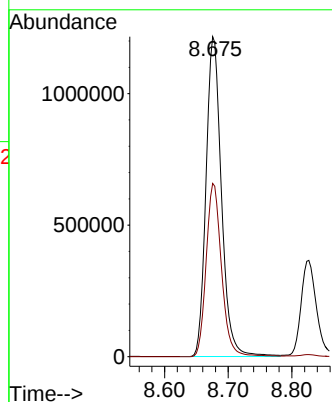
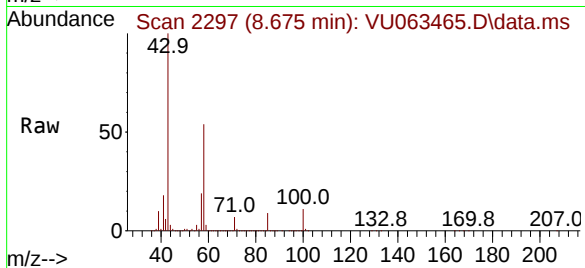




#59
2-Hexanone
Concen: 870.786 ug/l
RT: 8.675 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

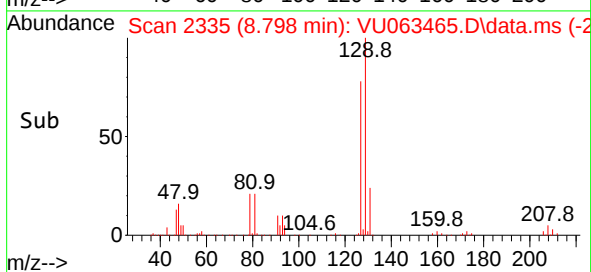
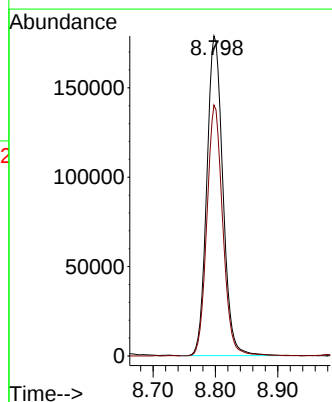
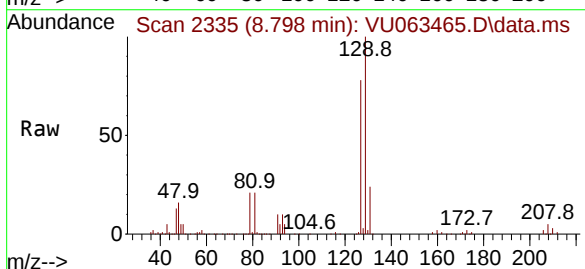
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

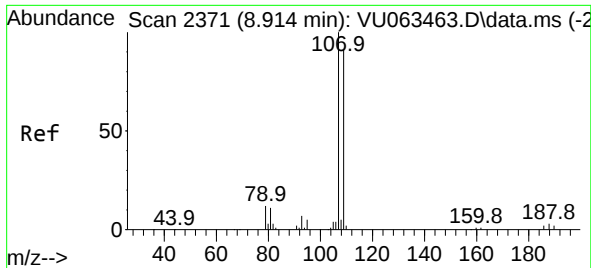
Tgt Ion: 43 Resp: 2043995
Ion Ratio Lower Upper
43 100
58 54.1 26.9 80.7



#60
Dibromochloromethane
Concen: 165.312 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

Tgt Ion: 129 Resp: 320220
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2

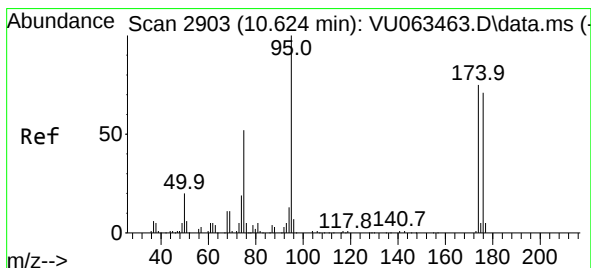
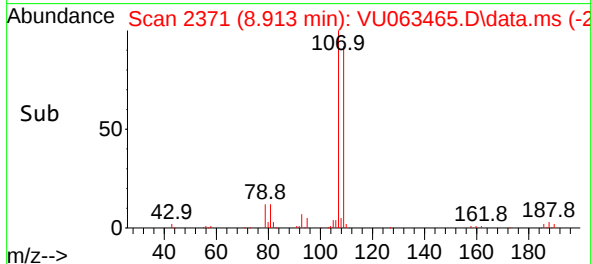
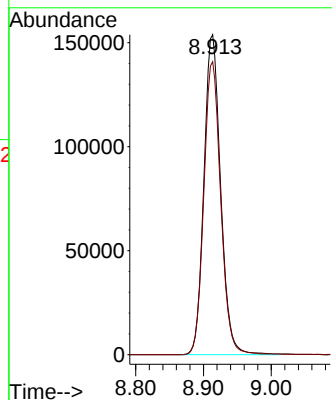
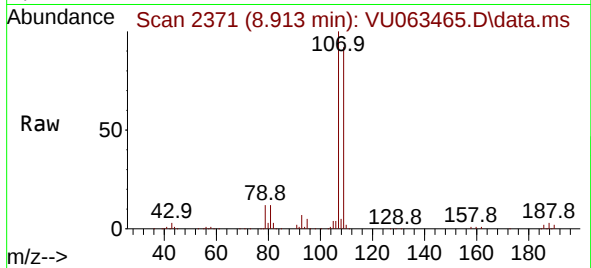




#61
1,2-Dibromoethane
Concen: 155.251 ug/l
RT: 8.913 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

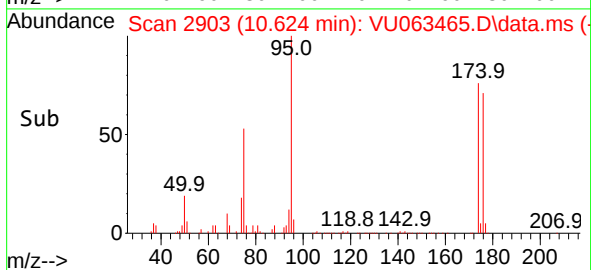
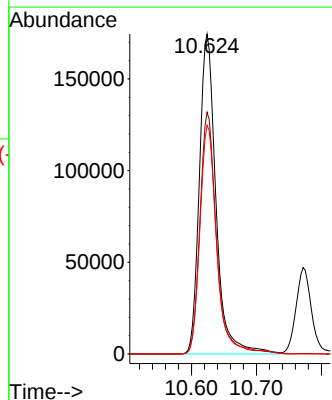
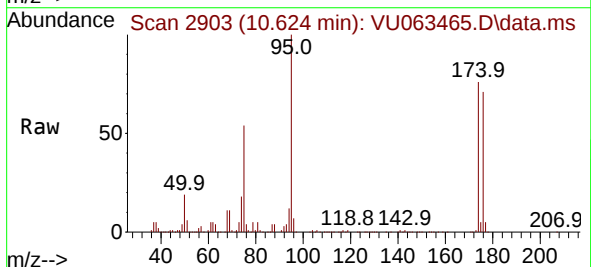
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

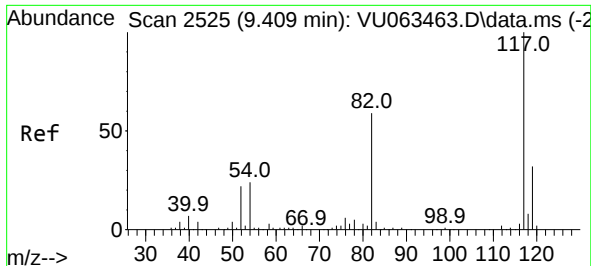
Tgt Ion:107 Resp: 263481
Ion Ratio Lower Upper
107 100
109 92.5 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 148.779 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

Tgt Ion: 95 Resp: 311181
Ion Ratio Lower Upper
95 100
174 75.3 0.0 153.6
176 72.6 0.0 145.8

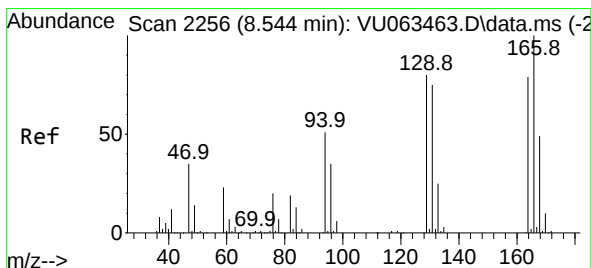
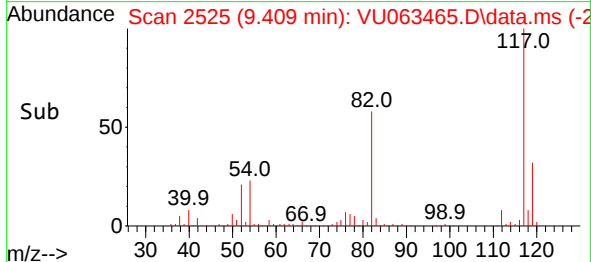
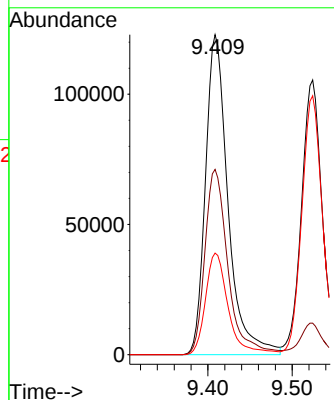
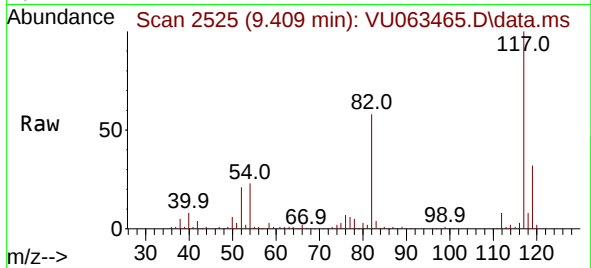




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

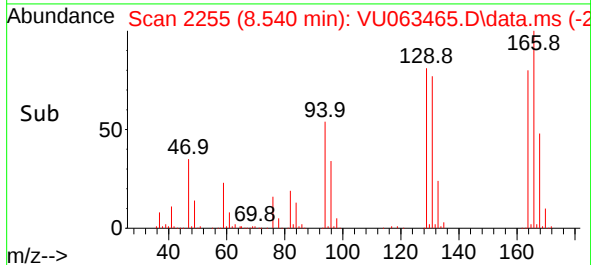
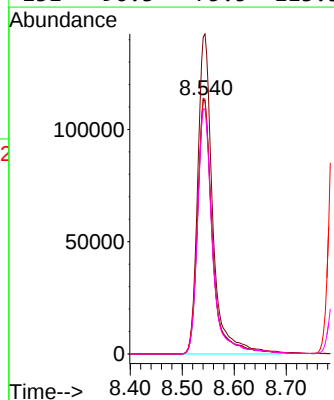
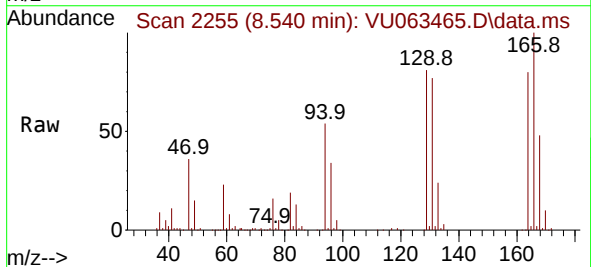
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

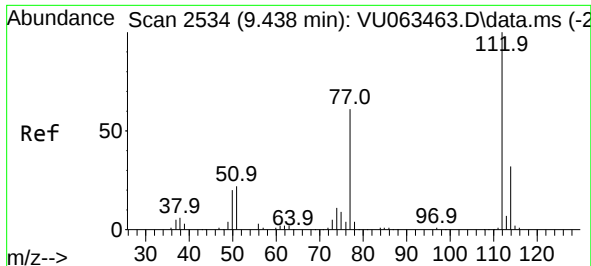
Tgt Ion:117 Resp: 229491
Ion Ratio Lower Upper
117 100
82 57.9 47.1 70.7
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 132.502 ug/l
RT: 8.540 min Scan# 2255
Delta R.T. -0.004 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

Tgt Ion:164 Resp: 226366
Ion Ratio Lower Upper
164 100
166 124.7 100.9 151.3
129 100.5 80.9 121.3
131 96.3 75.5 113.3

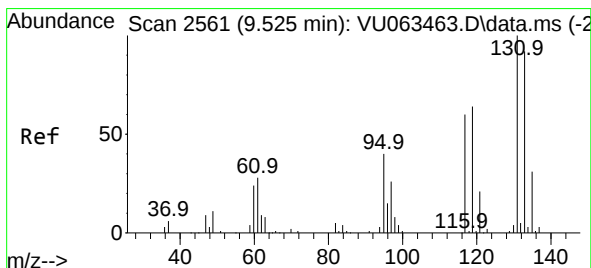
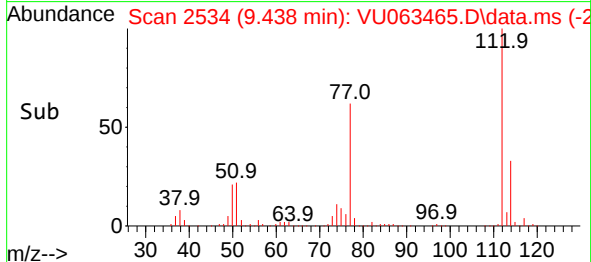
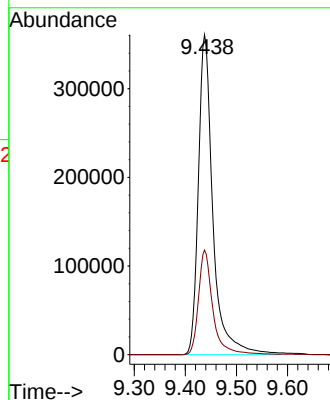
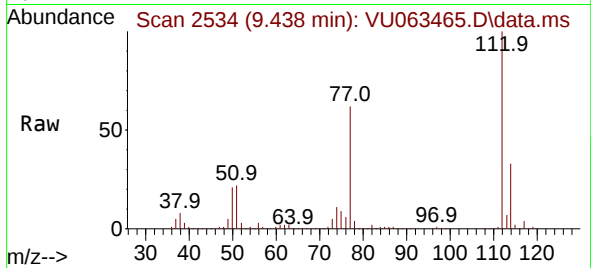




#65
Chlorobenzene
Concen: 149.318 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

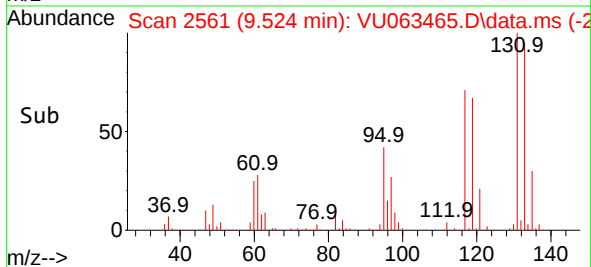
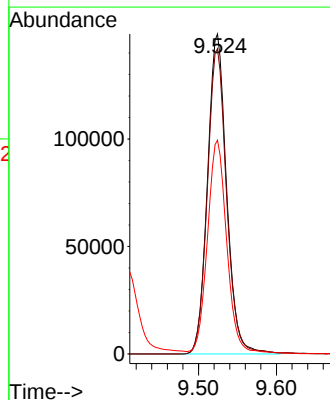
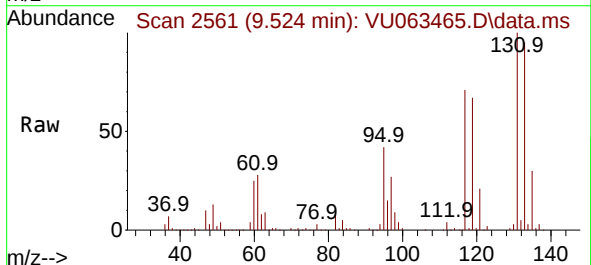
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

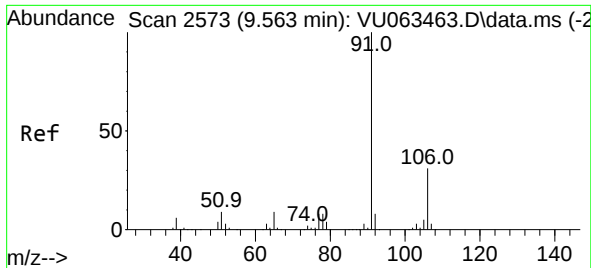
Tgt Ion:112 Resp: 712929
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 155.102 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

Tgt Ion:131 Resp: 253970
Ion Ratio Lower Upper
131 100
133 96.0 46.4 139.2
119 67.7 33.3 99.9

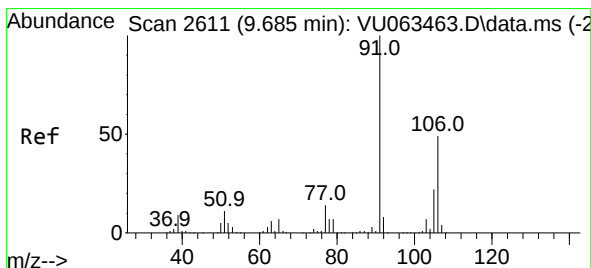
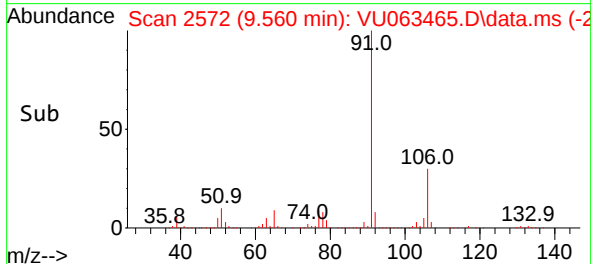
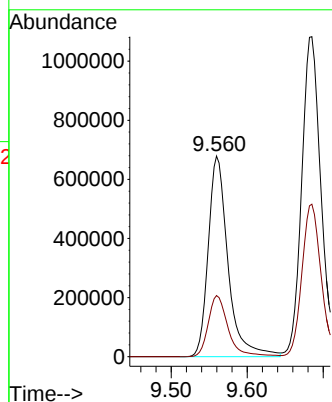
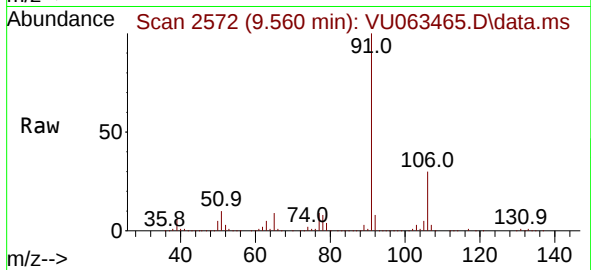




#67
Ethyl Benzene
Concen: 149.678 ug/l
RT: 9.560 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

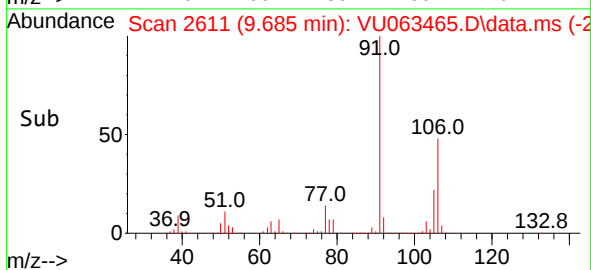
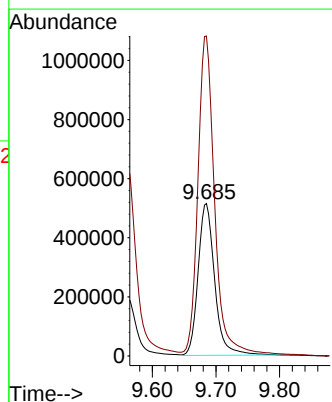
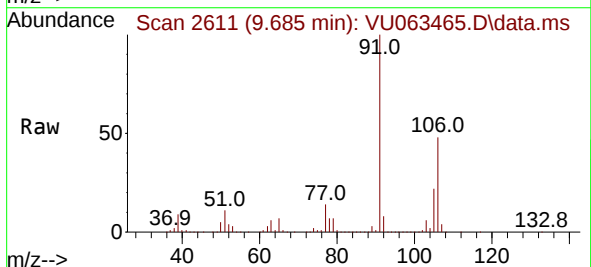
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

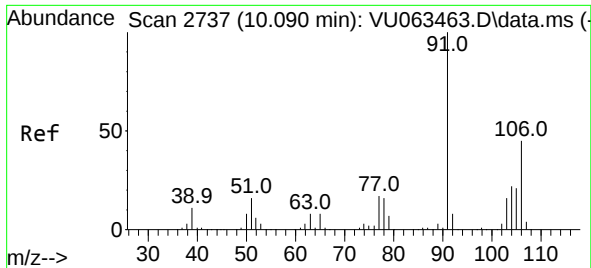
Tgt Ion: 91 Resp: 1228255
Ion Ratio Lower Upper
91 100
106 30.5 24.5 36.7



#68
m/p-Xylenes
Concen: 297.958 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

Tgt Ion:106 Resp: 933142
Ion Ratio Lower Upper
106 100
91 215.7 163.6 245.4

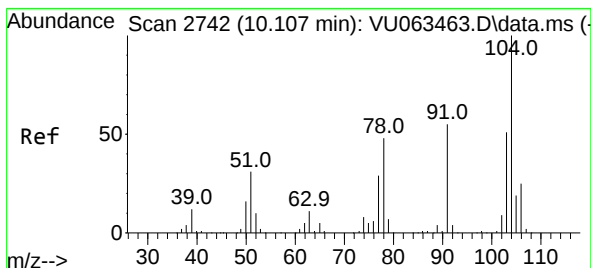
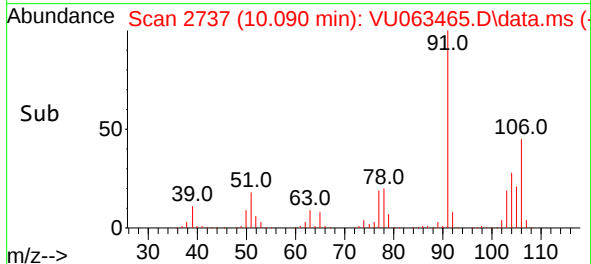
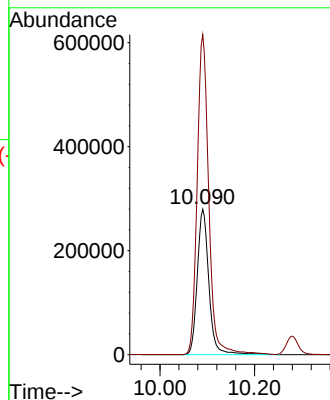
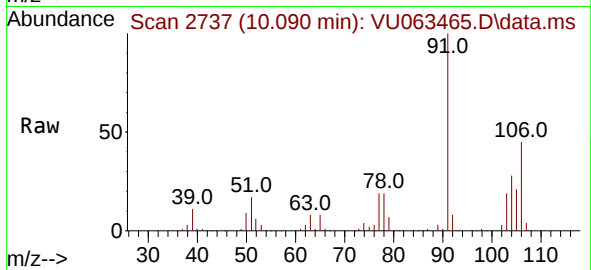




#69
o-Xylene
Concen: 149.604 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

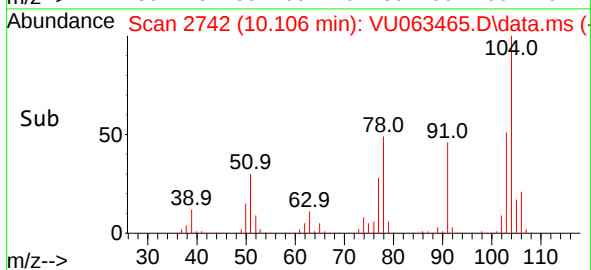
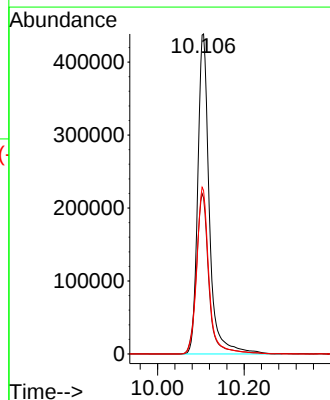
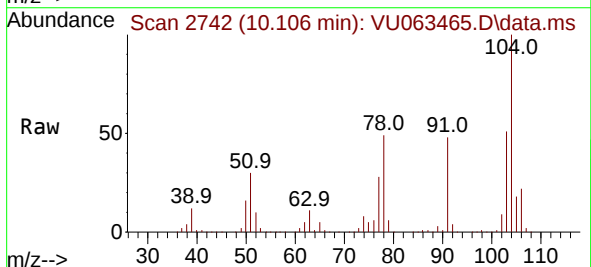
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

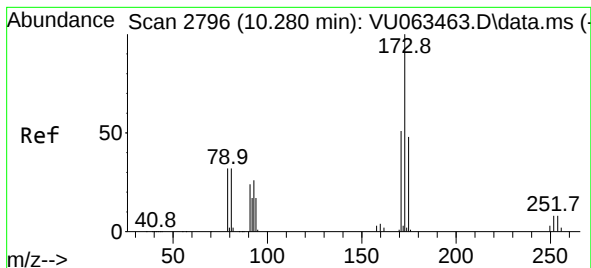
Tgt Ion:106 Resp: 476348
Ion Ratio Lower Upper
106 100
91 219.1 110.7 331.9



#70
Styrene
Concen: 160.721 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

Tgt Ion:104 Resp: 813688
Ion Ratio Lower Upper
104 100
78 53.7 41.4 62.0
103 55.0 44.3 66.5





#71

Bromoform

Concen: 171.735 ug/l

RT: 10.280 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063465.D

Acq: 08 Jul 2025 14:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

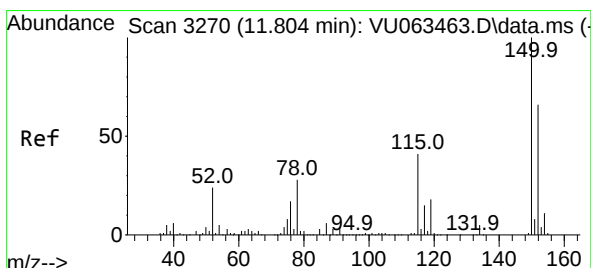
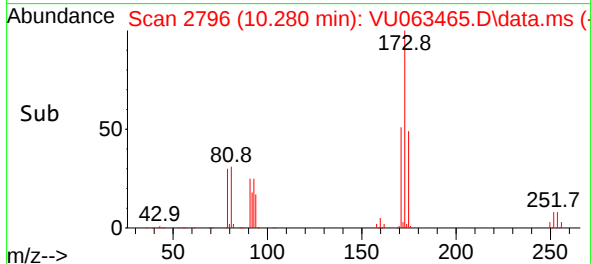
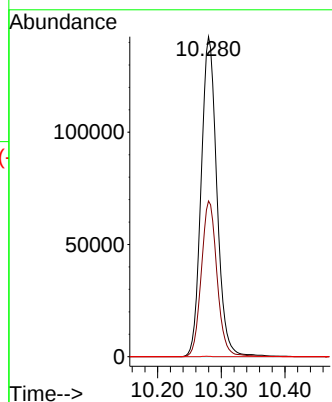
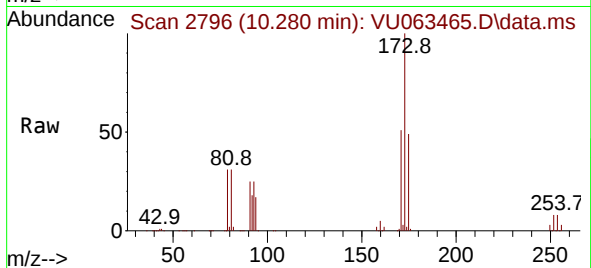
Tgt Ion:173 Resp: 245104

Ion Ratio Lower Upper

173 100

175 48.5 24.0 72.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.804 min Scan# 3270

Delta R.T. -0.000 min

Lab File: VU063465.D

Acq: 08 Jul 2025 14:50

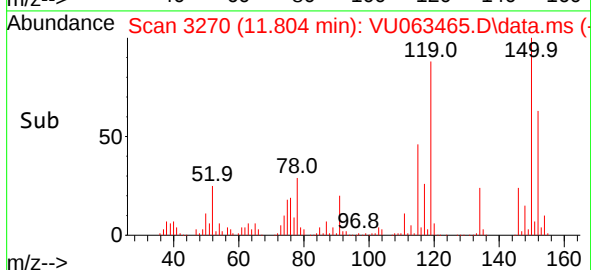
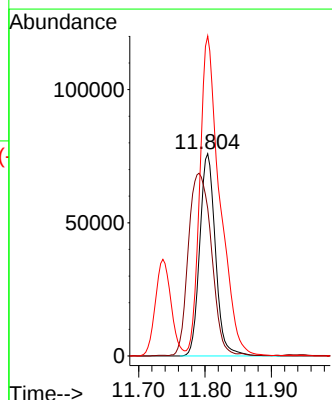
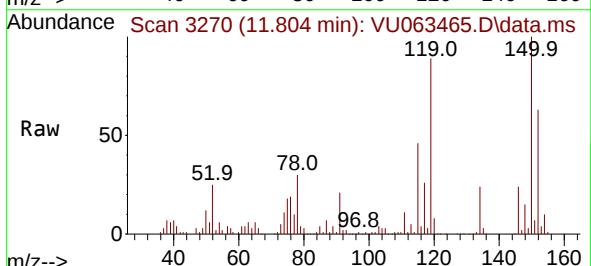
Tgt Ion:152 Resp: 125213

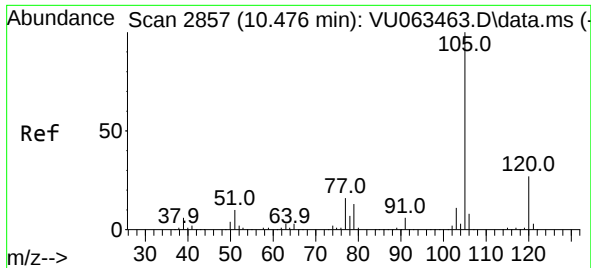
Ion Ratio Lower Upper

152 100

115 130.8 43.4 130.2#

150 201.3 0.0 341.4

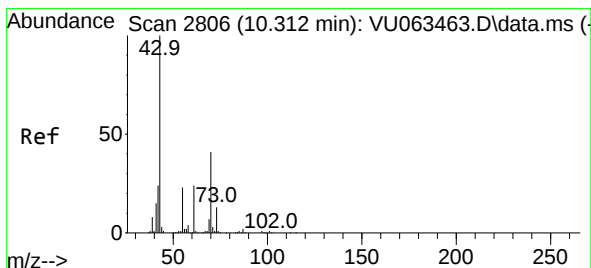
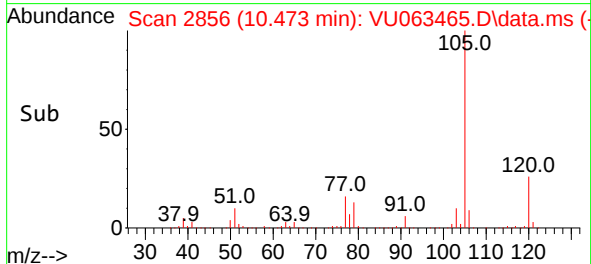
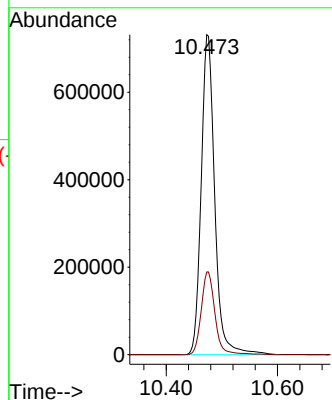
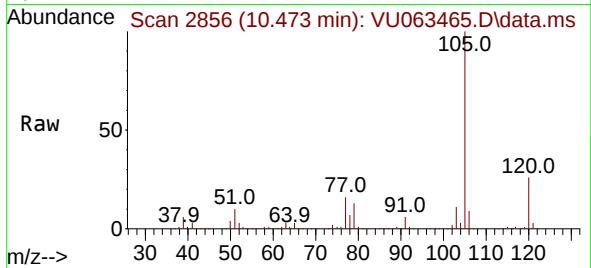




#73
Isopropylbenzene
Concen: 144.847 ug/l
RT: 10.473 min Scan# 2856
Delta R.T. -0.003 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

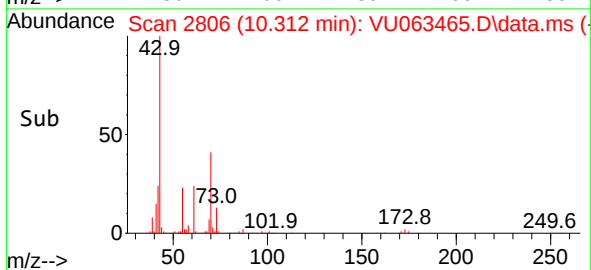
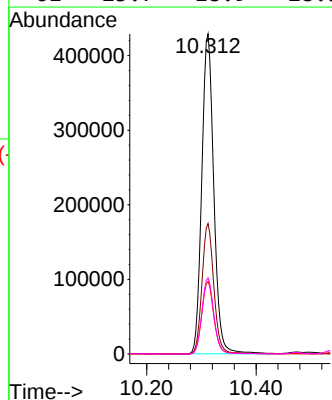
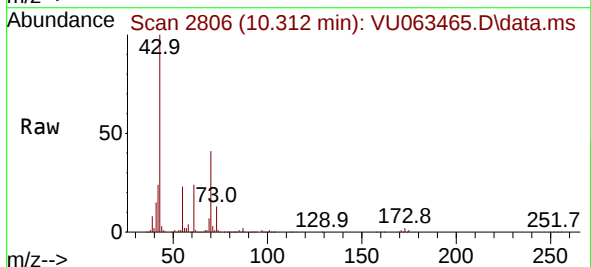
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

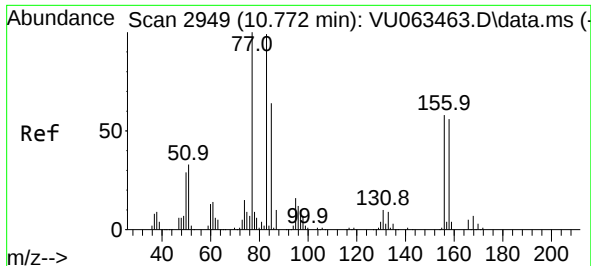
Tgt Ion:105 Resp: 1234075
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1



#74
N-ethyl acetate
Concen: 171.029 ug/l
RT: 10.312 min Scan# 2806
Delta R.T. -0.000 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

Tgt Ion: 43 Resp: 653463
Ion Ratio Lower Upper
43 100
70 40.3 32.6 48.8
55 22.6 18.6 27.8
61 23.7 18.9 28.3

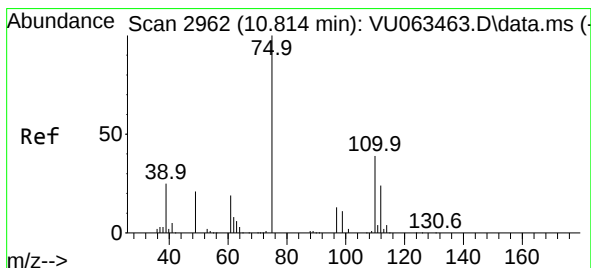
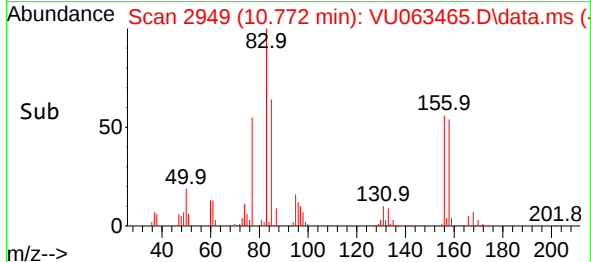
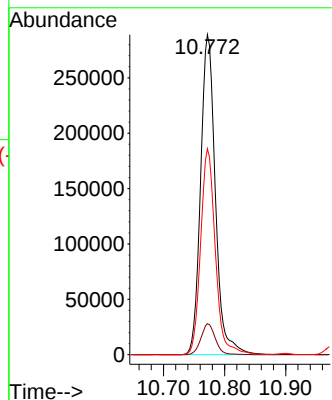
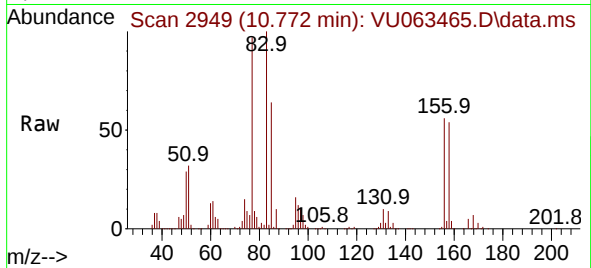




#75
1,1,2,2-Tetrachloroethane
Concen: 155.085 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

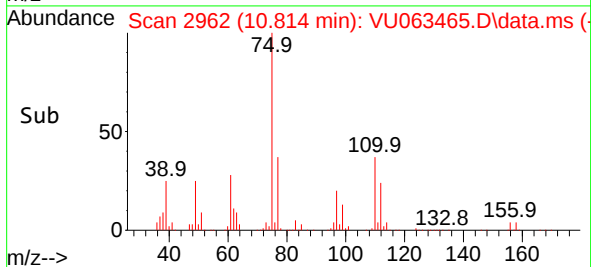
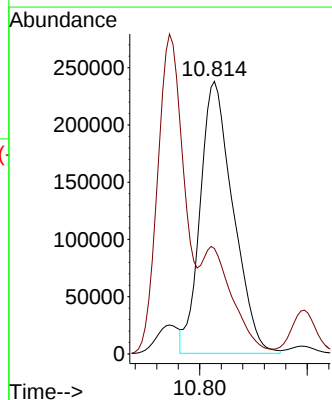
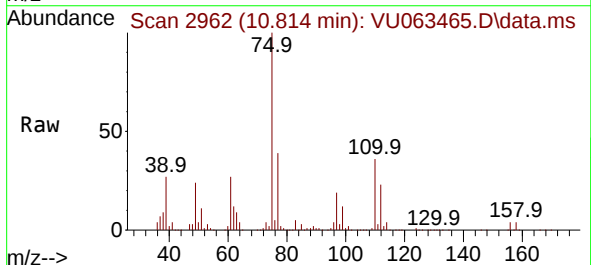
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

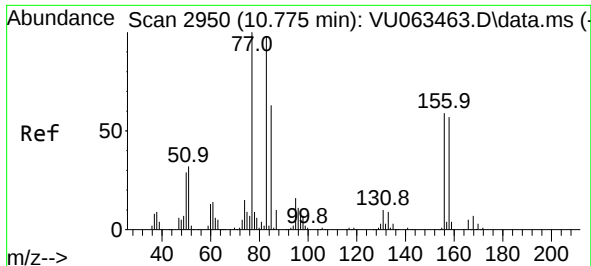
Tgt Ion: 83 Resp: 486363
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.3
85 63.9 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 152.349 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

Tgt Ion: 75 Resp: 505480
Ion Ratio Lower Upper
75 100
77 0.0 3.1 9.4#

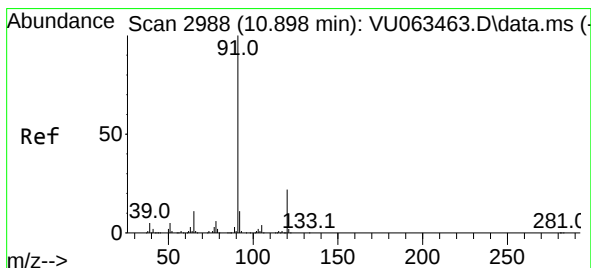
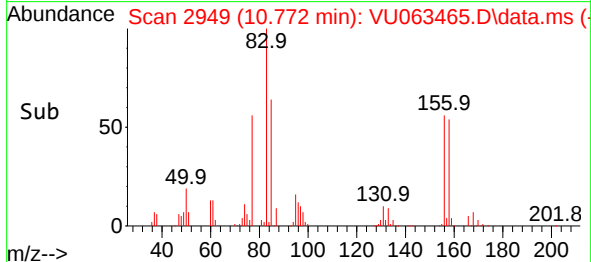
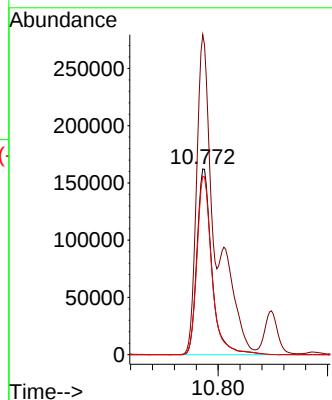
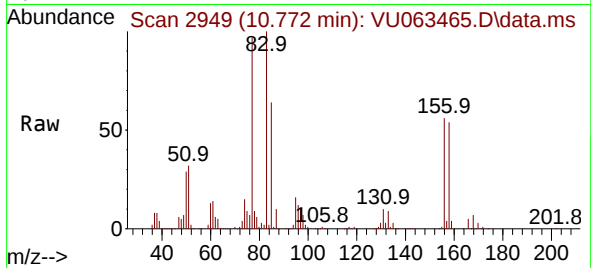




#77
Bromobenzene
Concen: 146.413 ug/l
RT: 10.772 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

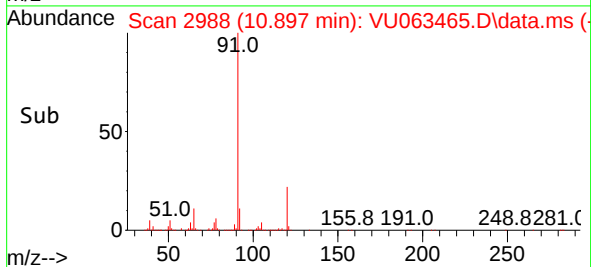
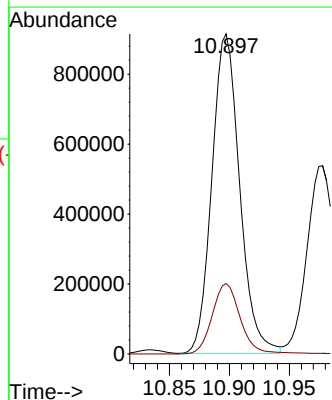
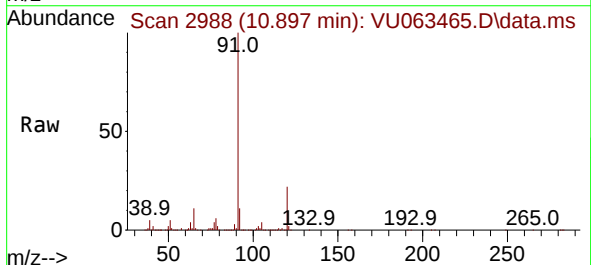
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

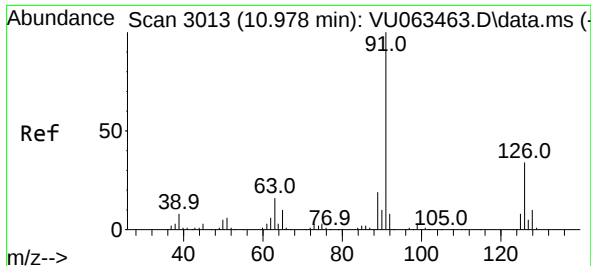
Tgt Ion:156 Resp: 305771
Ion Ratio Lower Upper
156 100
77 158.2 78.2 234.6
158 96.6 46.8 140.4



#78
n-propylbenzene
Concen: 148.955 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

Tgt Ion: 91 Resp: 1471786
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4

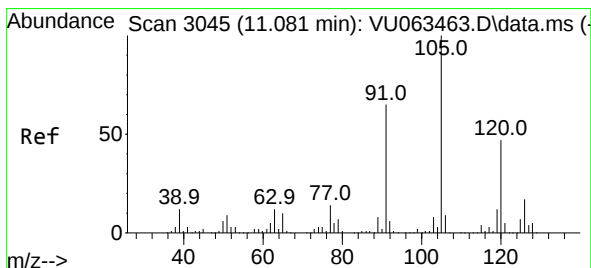
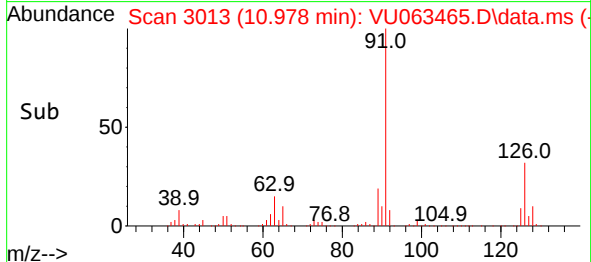
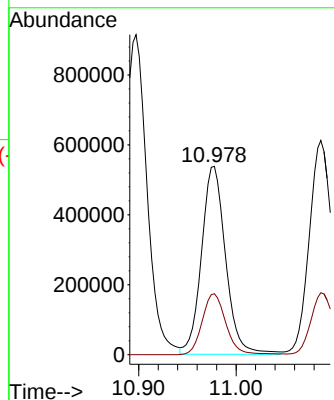
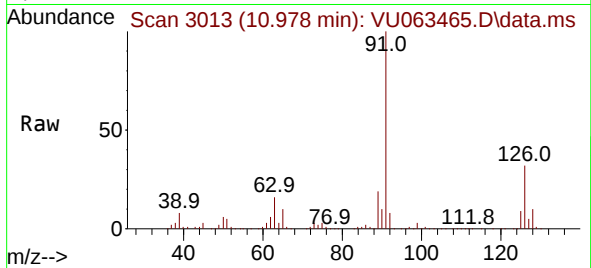




#79
2-Chlorotoluene
Concen: 149.225 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

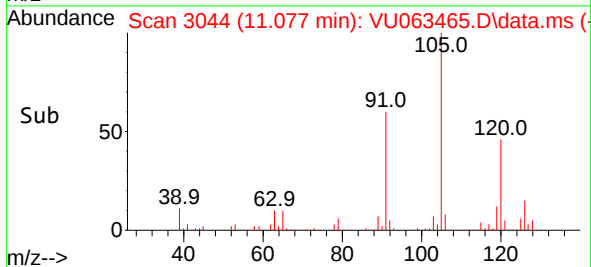
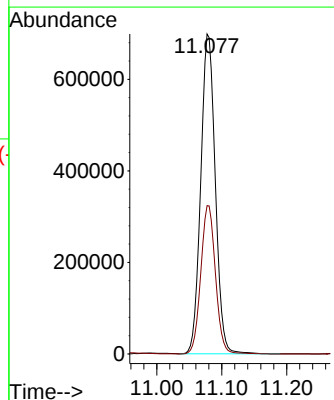
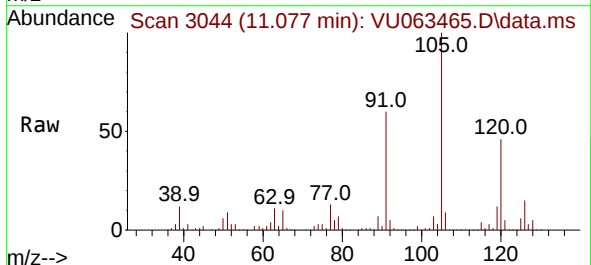
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150

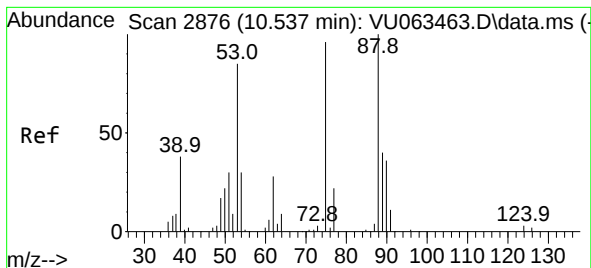
Tgt Ion: 91 Resp: 924722
Ion Ratio Lower Upper
91 100
126 32.0 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 146.327 ug/l
RT: 11.077 min Scan# 3044
Delta R.T. -0.003 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

Tgt Ion:105 Resp: 1090429
Ion Ratio Lower Upper
105 100
120 46.8 23.4 70.2

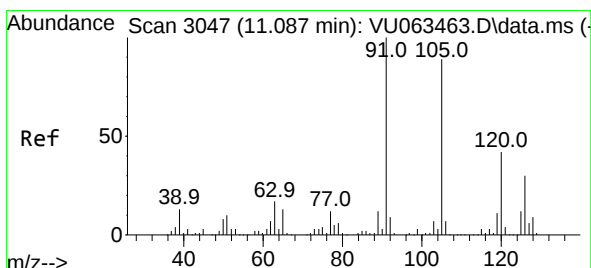
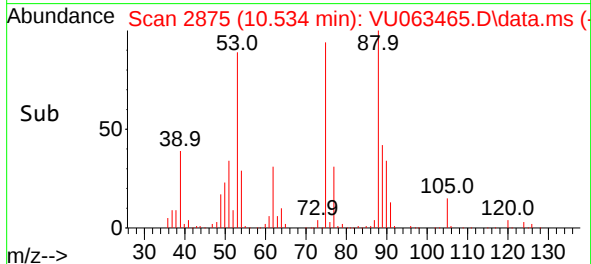
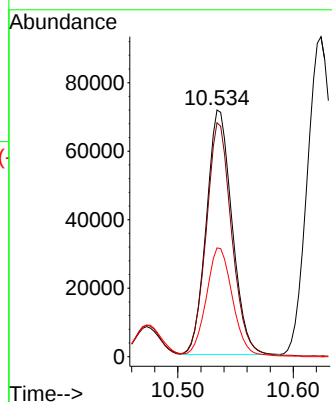
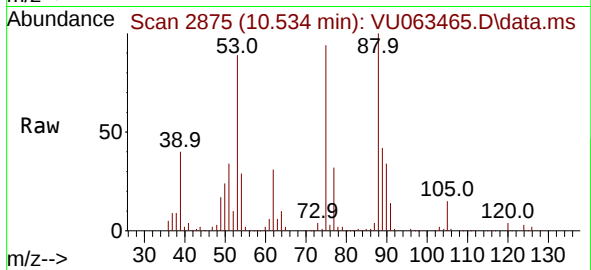




#81
trans-1,4-Dichloro-2-butene
Concen: 165.421 ug/l
RT: 10.534 min Scan# 2875
Delta R.T. -0.003 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

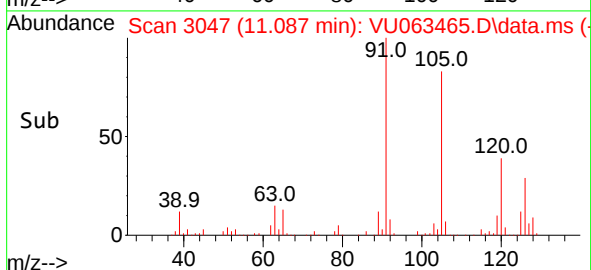
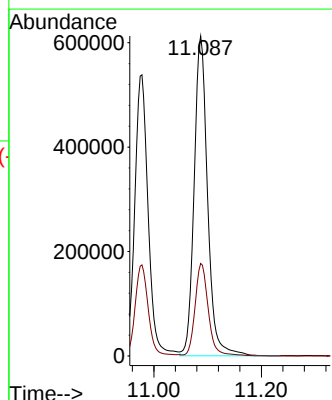
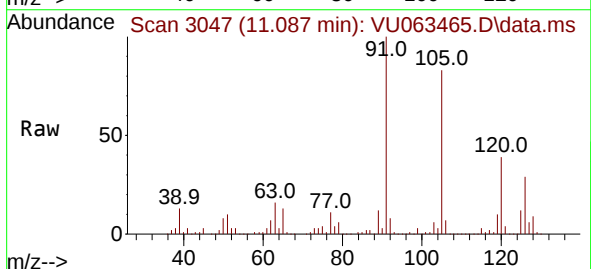
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

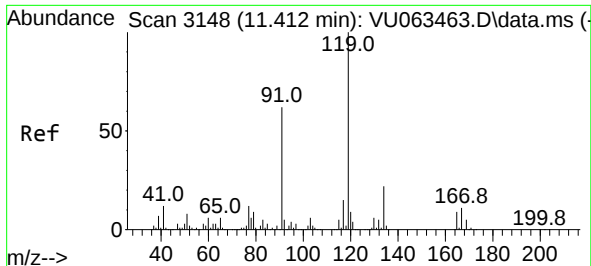
Tgt Ion: 75 Resp: 110046
Ion Ratio Lower Upper
75 100
53 95.8 74.6 111.8
89 46.2 36.3 54.5



#82
4-Chlorotoluene
Concen: 151.100 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. -0.000 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

Tgt Ion: 91 Resp: 1063014
Ion Ratio Lower Upper
91 100
126 28.6 14.4 43.2

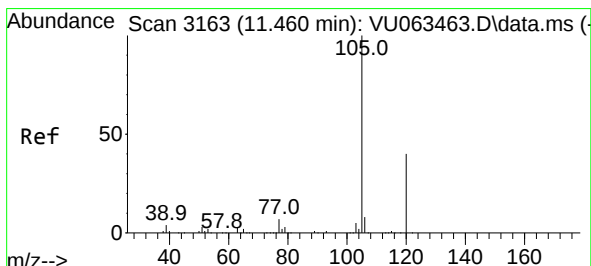
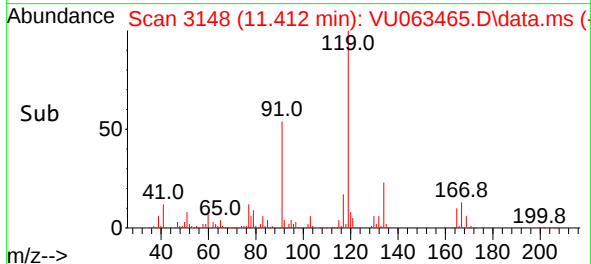
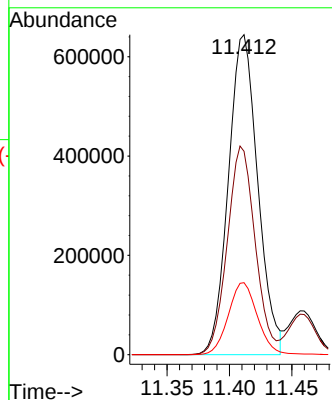
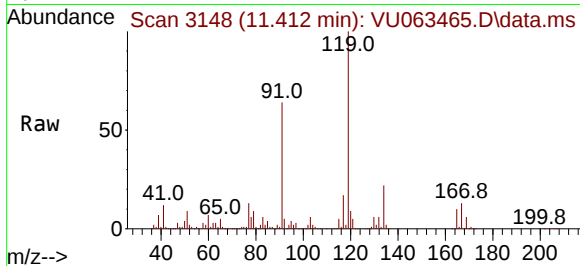




#83
 tert-Butylbenzene
 Concen: 147.948 ug/l
 RT: 11.412 min Scan# 3148
 Delta R.T. -0.000 min
 Lab File: VU063465.D
 Acq: 08 Jul 2025 14:50

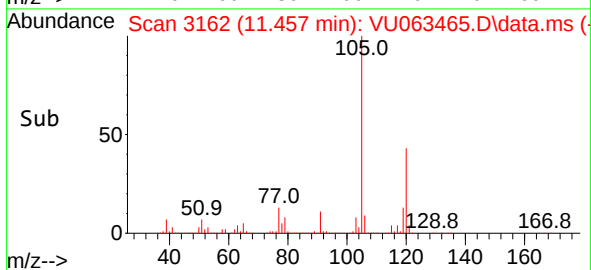
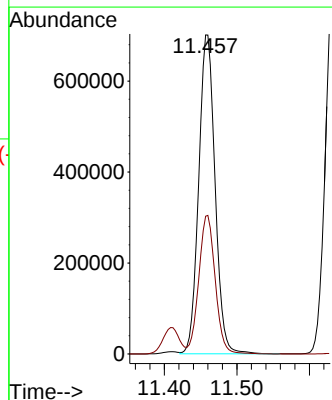
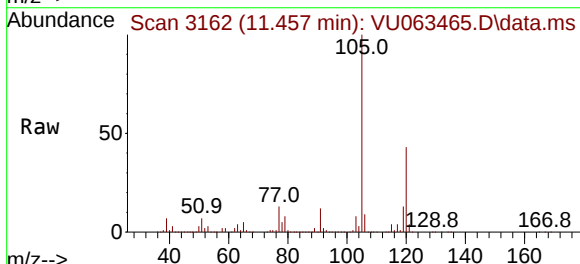
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

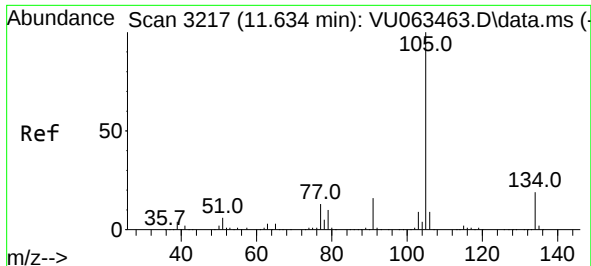
Tgt Ion:119 Resp: 1057297
 Ion Ratio Lower Upper
 119 100
 91 61.6 30.3 91.0
 134 22.4 11.2 33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 150.092 ug/l
 RT: 11.457 min Scan# 3162
 Delta R.T. -0.003 min
 Lab File: VU063465.D
 Acq: 08 Jul 2025 14:50

Tgt Ion:105 Resp: 1098330
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.1 66.3

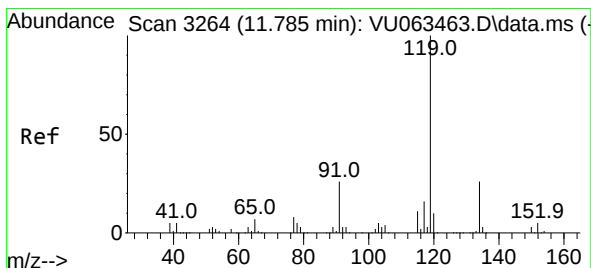
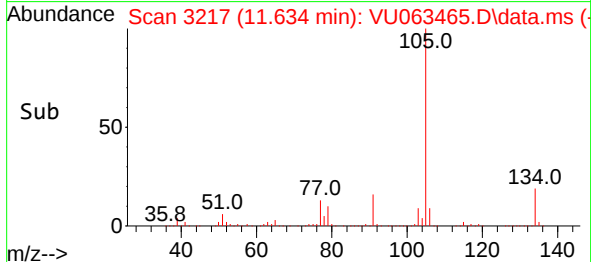
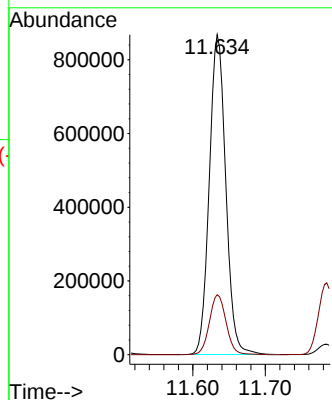
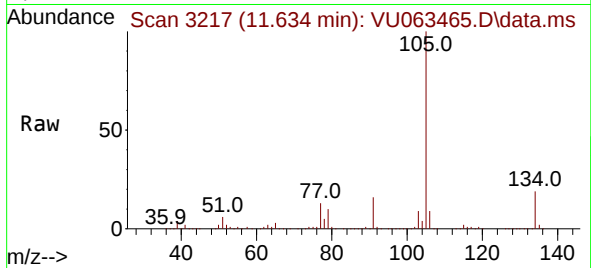




#85
 sec-Butylbenzene
 Concen: 145.061 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063465.D
 Acq: 08 Jul 2025 14:50

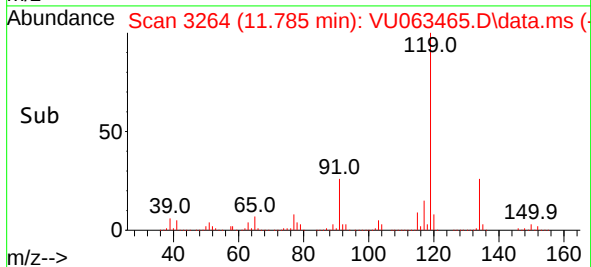
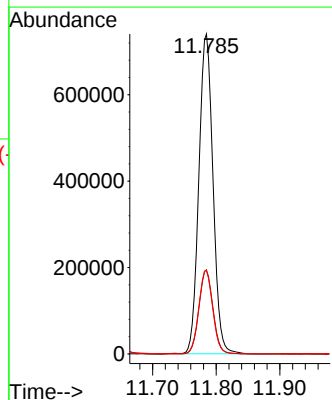
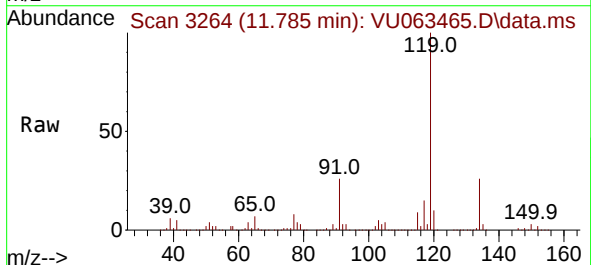
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

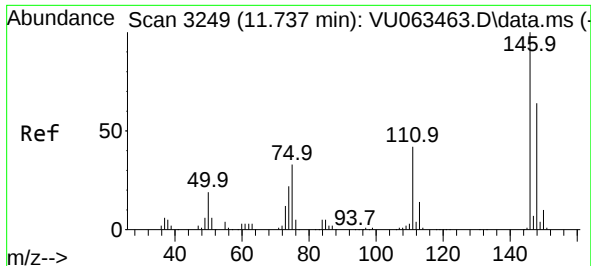
Tgt Ion:105 Resp: 1367941
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 149.327 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU063465.D
 Acq: 08 Jul 2025 14:50

Tgt Ion:119 Resp: 1142410
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 38.9
 91 25.7 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 146.440 ug/l

RT: 11.736 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU063465.D

Acq: 08 Jul 2025 14:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

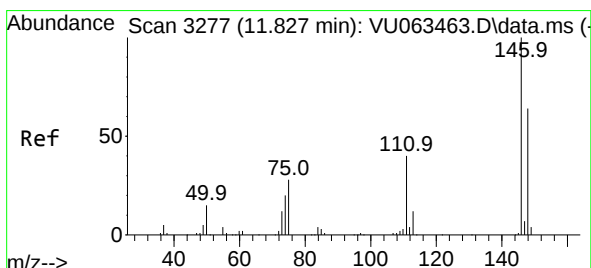
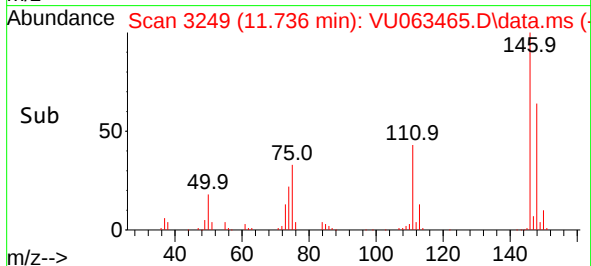
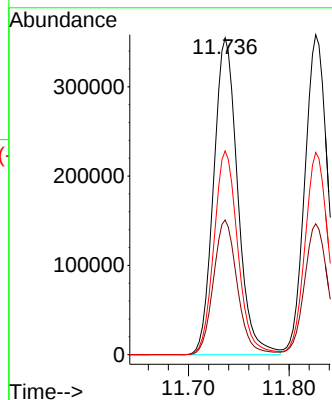
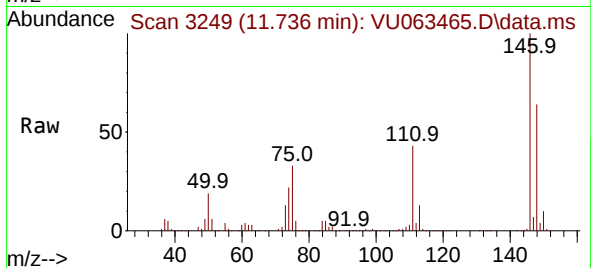
Tgt Ion:146 Resp: 589333

Ion Ratio Lower Upper

146 100

111 42.3 20.9 62.7

148 64.1 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 144.176 ug/l

RT: 11.826 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU063465.D

Acq: 08 Jul 2025 14:50

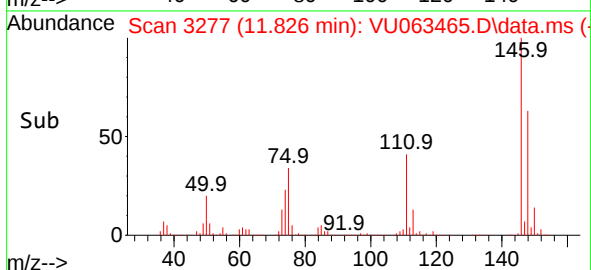
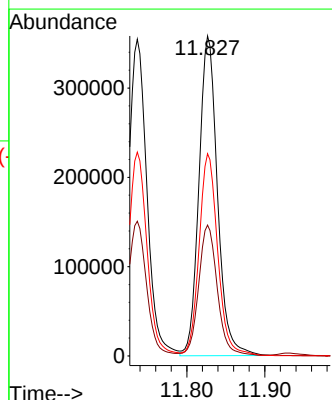
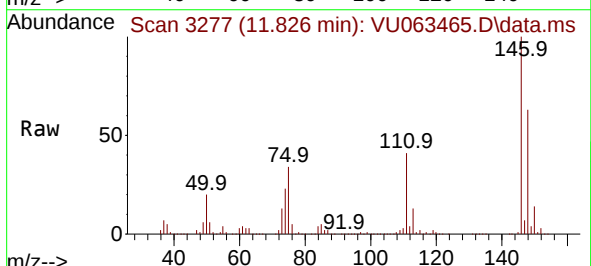
Tgt Ion:146 Resp: 590909

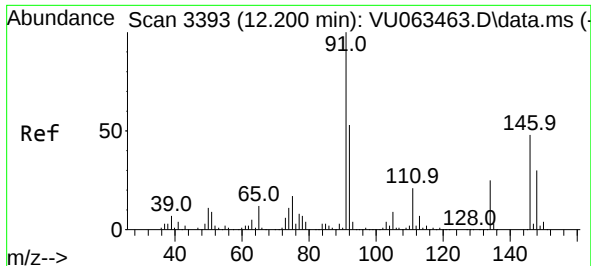
Ion Ratio Lower Upper

146 100

111 41.6 20.8 62.4

148 63.7 31.9 95.9

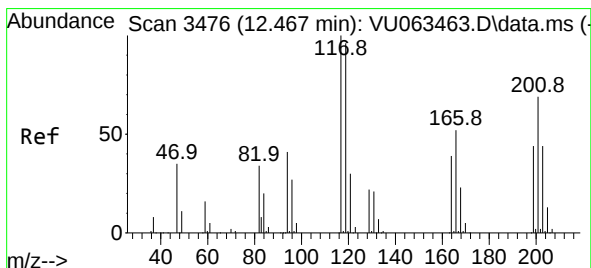
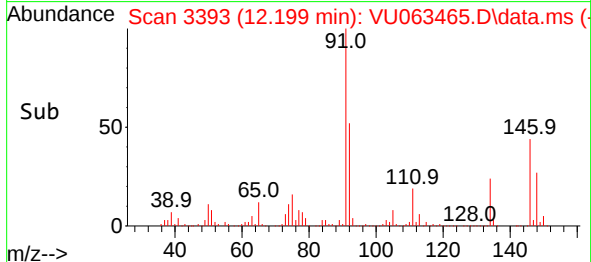
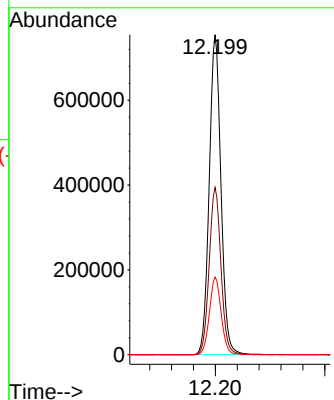
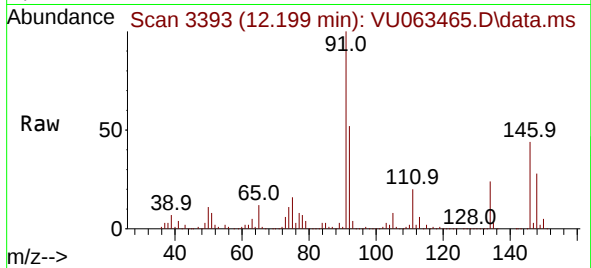




#89
n-Butylbenzene
Concen: 158.445 ug/l
RT: 12.199 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

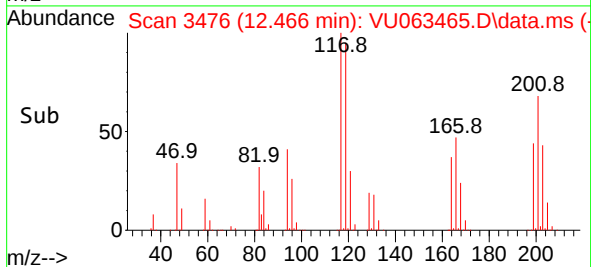
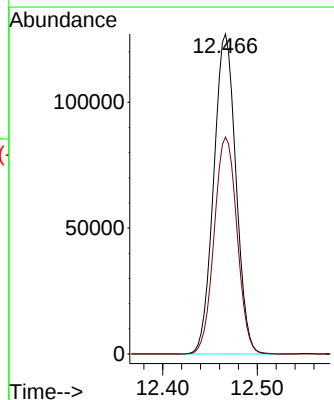
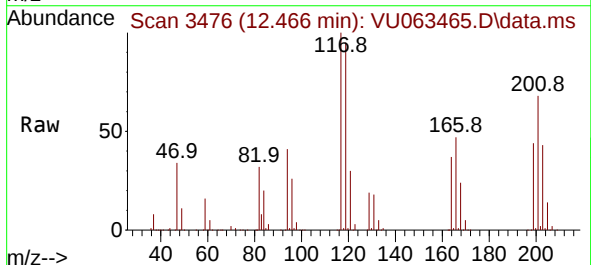
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150

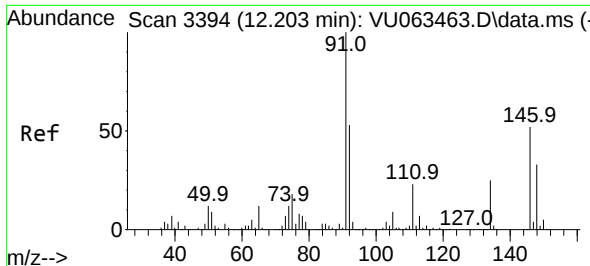
Tgt Ion: 91 Resp: 1121910
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.2
134 24.3 12.4 37.0



#90
Hexachloroethane
Concen: 162.147 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

Tgt Ion:117 Resp: 207473
Ion Ratio Lower Upper
117 100
201 69.8 34.4 103.2

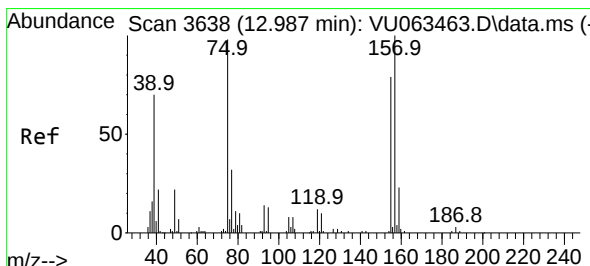
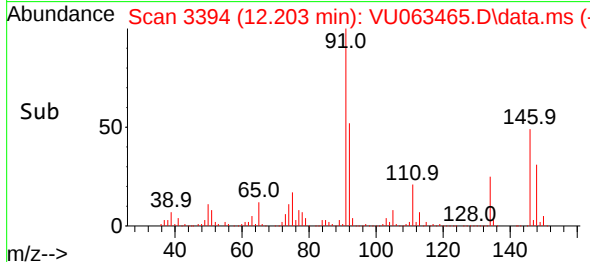
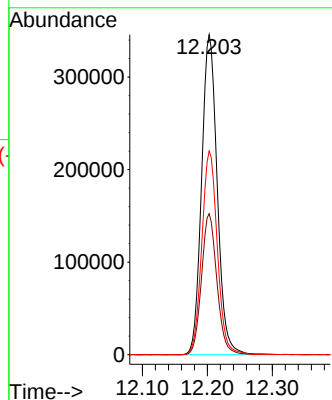
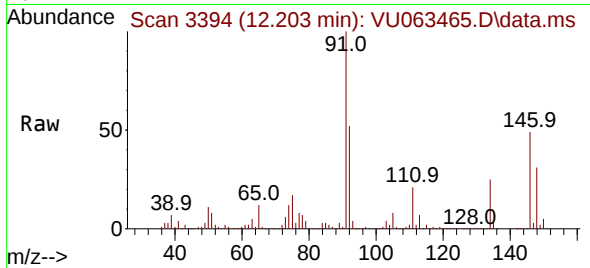




#91
 1,2-Dichlorobenzene
 Concen: 147.528 ug/l
 RT: 12.203 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063465.D
 Acq: 08 Jul 2025 14:50

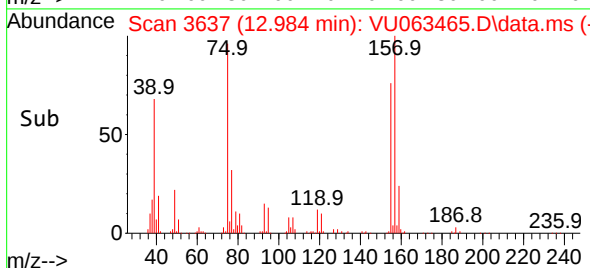
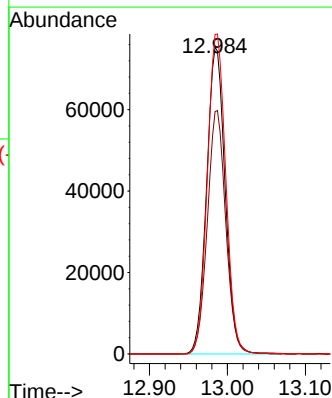
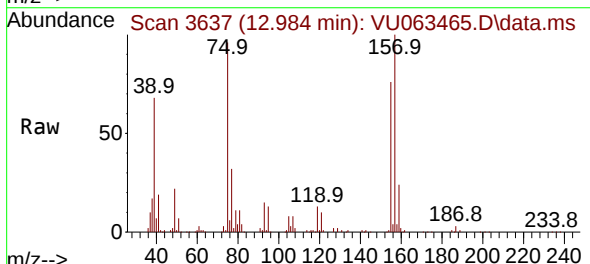
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

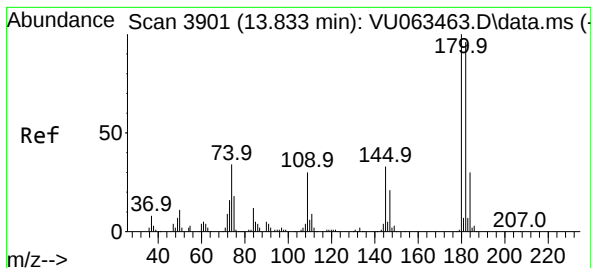
Tgt Ion:146 Resp: 578949
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.9 65.5
 148 63.3 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 167.646 ug/l
 RT: 12.984 min Scan# 3637
 Delta R.T. -0.003 min
 Lab File: VU063465.D
 Acq: 08 Jul 2025 14:50

Tgt Ion: 75 Resp: 124520
 Ion Ratio Lower Upper
 75 100
 155 78.8 39.1 117.5
 157 103.7 49.4 148.2





#93

1,2,4-Trichlorobenzene

Concen: 160.918 ug/l

RT: 13.830 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU063465.D

Acq: 08 Jul 2025 14:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

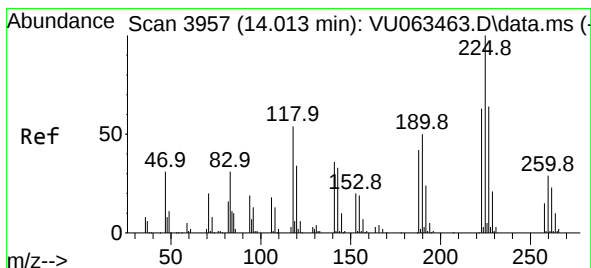
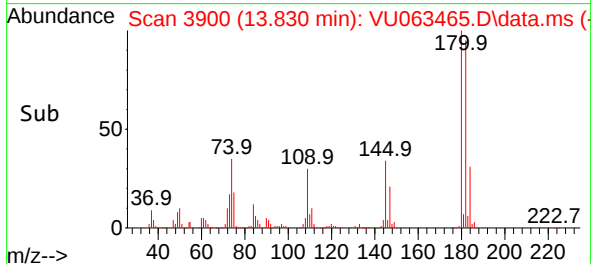
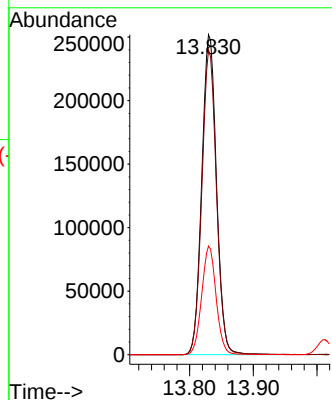
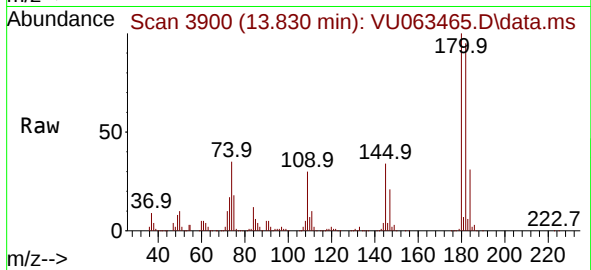
Tgt Ion:180 Resp: 404419

Ion Ratio Lower Upper

180 100

182 94.4 47.7 143.1

145 33.3 16.6 49.7



#94

Hexachlorobutadiene

Concen: 150.097 ug/l

RT: 14.010 min Scan# 3956

Delta R.T. -0.003 min

Lab File: VU063465.D

Acq: 08 Jul 2025 14:50

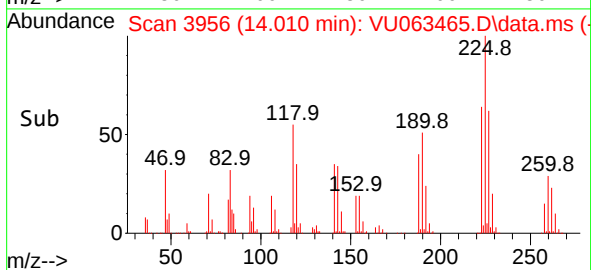
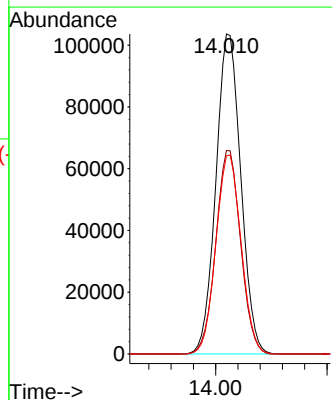
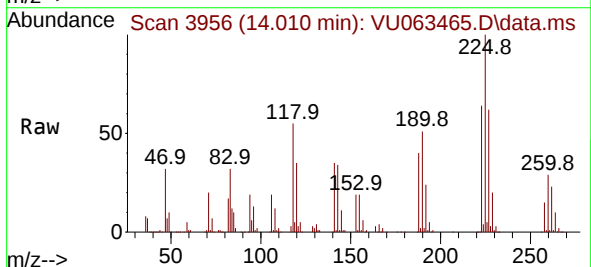
Tgt Ion:225 Resp: 161250

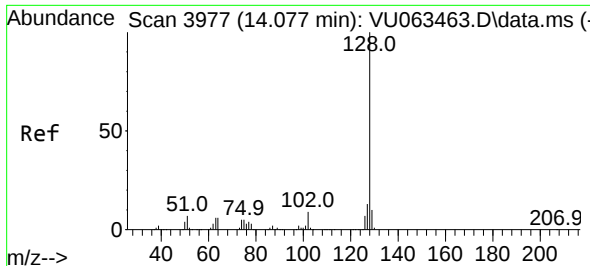
Ion Ratio Lower Upper

225 100

223 63.1 32.4 97.0

227 62.7 32.3 96.9

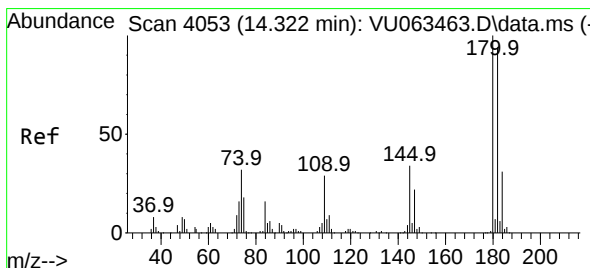
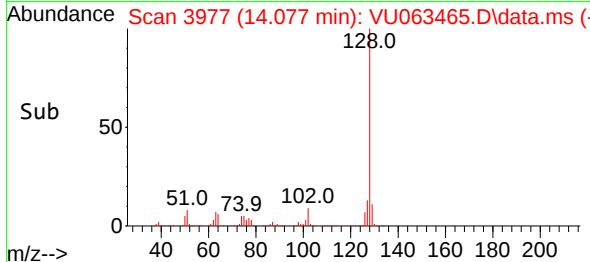
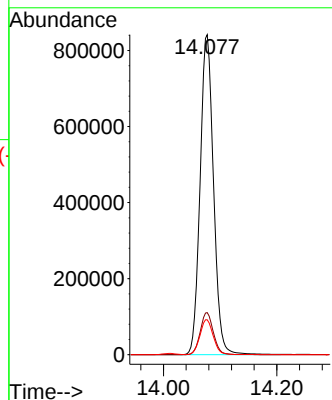
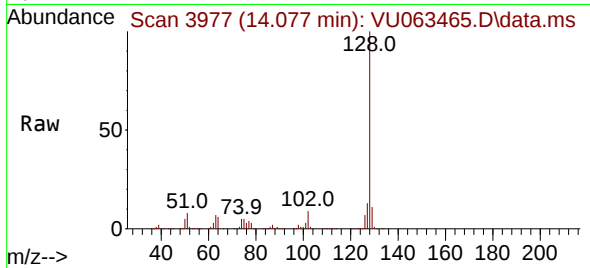




#95
Naphthalene
Concen: 168.167 ug/l
RT: 14.077 min Scan# 3977
Delta R.T. -0.000 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1384089
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 159.674 ug/l
RT: 14.318 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU063465.D
Acq: 08 Jul 2025 14:50

Tgt Ion:180 Resp: 394366
Ion Ratio Lower Upper
180 100
182 95.2 47.8 143.3
145 34.7 17.2 51.5

