

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070825\
 Data File : VU063464.D
 Acq On : 08 Jul 2025 14:21
 Operator : MD/SY
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 09 03:25:27 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	5.358	168	162261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.239	114	282769	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	254804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	132823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.689	65	172300	83.226	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 166.460%#	
35) Dibromofluoromethane	5.274	113	142006	83.313	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 166.620%#	
50) Toluene-d8	7.888	98	473086	85.148	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 170.300%#	
62) 4-Bromofluorobenzene	10.624	95	207313	85.305	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 170.600%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	108812	84.318	ug/l	98
3) Chloromethane	1.515	50	119562	89.003	ug/l	100
4) Vinyl Chloride	1.599	62	144117	82.688	ug/l	98
5) Bromomethane	1.827	94	96181	78.765	ug/l	98
6) Chloroethane	1.914	64	93086	92.693	ug/l	98
7) Trichlorofluoromethane	2.123	101	237403	84.433	ug/l	99
8) Diethyl Ether	2.367	74	95230	81.269	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.567	101	140522	84.497	ug/l	98
10) Methyl Iodide	2.705	142	149057	85.807	ug/l	97
11) Tert butyl alcohol	3.194	59	317643	457.615	ug/l	98
12) 1,1-Dichloroethene	2.563	96	125685	80.339	ug/l	97
13) Acrolein	2.477	56	44158	450.705	ug/l	93
14) Allyl chloride	2.904	41	303822	80.414	ug/l	98
15) Acrylonitrile	3.303	53	697037	468.810	ug/l	98
16) Acetone	2.618	43	773634	445.475	ug/l	98
17) Carbon Disulfide	2.772	76	270616	91.360	ug/l	98
18) Methyl Acetate	2.940	43	397384	87.381	ug/l	99
19) Methyl tert-butyl Ether	3.358	73	574388	86.031	ug/l	99
20) Methylene Chloride	3.026	84	165488	90.645	ug/l	99
21) trans-1,2-Dichloroethene	3.332	96	130476	90.902	ug/l	96
22) Diisopropyl ether	3.988	45	520674	82.984	ug/l	95
23) Vinyl Acetate	3.943	43	2301589	472.747	ug/l	99
24) 1,1-Dichloroethane	3.846	63	297823	83.636	ug/l	98
25) 2-Butanone	4.702	43	969268	497.173	ug/l	100
26) 2,2-Dichloropropane	4.644	77	268099	84.764	ug/l	98
27) cis-1,2-Dichloroethene	4.647	96	188011	85.641	ug/l	98
28) Bromochloromethane	4.956	49	139742	83.542	ug/l	99
29) Tetrahydrofuran	5.046	42	588667	455.690	ug/l	99
30) Chloroform	5.071	83	315979	84.047	ug/l	99
31) Cyclohexane	5.367	56	229272	79.982	ug/l	98
32) 1,1,1-Trichloroethane	5.296	97	274220	85.663	ug/l	100
36) 1,1-Dichloropropene	5.509	75	194253	83.873	ug/l	99
37) Ethyl Acetate	4.801	43	325140	84.958	ug/l	99
38) Carbon Tetrachloride	5.505	117	217574	85.261	ug/l	97
39) Methylcyclohexane	6.747	83	226716	81.015	ug/l	97
40) Benzene	5.759	78	622962	86.128	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.962	41	170222	99.145	ug/l	98
42) 1,2-Dichloroethane	5.779	62	239302	87.987	ug/l	99
43) Isopropyl Acetate	5.907	43	479710	96.287	ug/l	100
44) Trichloroethene	6.528	130	160244	82.787	ug/l	99
45) 1,2-Dichloropropane	6.779	63	172734	85.906	ug/l	99
46) Dibromomethane	6.904	93	128060	89.513	ug/l	99
47) Bromodichloromethane	7.094	83	256442	86.205	ug/l	99
48) Methyl methacrylate	6.952	41	218467	94.876	ug/l	99
49) 1,4-Dioxane	6.959	88	93843	1857.210	ug/l	99
51) 4-Methyl-2-Pentanone	7.782	43	1681919	466.426	ug/l	99
52) Toluene	7.959	92	403391	85.266	ug/l	96
53) t-1,3-Dichloropropene	8.200	75	259411	99.653	ug/l	99
54) cis-1,3-Dichloropropene	7.595	75	275357	94.492	ug/l	99
55) 1,1,2-Trichloroethane	8.390	97	170257	84.740	ug/l	96
56) Ethyl methacrylate	8.325	69	290488	89.629	ug/l	98
57) 1,3-Dichloropropane	8.563	76	287847	86.915	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.457	63	18568	551.723	ug/l	99
59) 2-Hexanone	8.676	43	1297484	475.720	ug/l	100
60) Dibromochloromethane	8.798	129	205975	91.514	ug/l	100
61) 1,2-Dibromoethane	8.914	107	168789	85.595	ug/l	100
64) Tetrachloroethene	8.544	164	154415	81.407	ug/l	97
65) Chlorobenzene	9.438	112	464557	87.632	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.525	131	167019	91.867	ug/l	98
67) Ethyl Benzene	9.560	91	794354	87.185	ug/l	99
68) m/p-Xylenes	9.685	106	610840	175.669	ug/l	92
69) o-Xylene	10.090	106	308430	87.244	ug/l	99
70) Styrene	10.103	104	521837	92.834	ug/l	99
71) Bromoform	10.280	173	153072	96.597	ug/l #	100
73) Isopropylbenzene	10.473	105	802031	88.743	ug/l	99
74) N-amyl acetate	10.309	43	405146	99.962	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.772	83	311484	93.631	ug/l	100
76) 1,2,3-Trichloropropane	10.814	75	321639	91.386	ug/l #	81
77) Bromobenzene	10.772	156	200996	90.729	ug/l	98
78) n-propylbenzene	10.897	91	953929	91.013	ug/l	100
79) 2-Chlorotoluene	10.978	91	604210	91.917	ug/l	100
80) 1,3,5-Trimethylbenzene	11.078	105	710622	89.897	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.537	75	65510	92.833	ug/l	98
82) 4-Chlorotoluene	11.087	91	696195	93.290	ug/l	99
83) tert-Butylbenzene	11.412	119	679000	89.569	ug/l	99
84) 1,2,4-Trimethylbenzene	11.460	105	711774	91.694	ug/l	100
85) sec-Butylbenzene	11.634	105	895518	89.523	ug/l	100
86) p-Isopropyltoluene	11.785	119	751724	92.630	ug/l	99
87) 1,3-Dichlorobenzene	11.737	146	385767	90.365	ug/l	99
88) 1,4-Dichlorobenzene	11.827	146	388861	89.442	ug/l	100
89) n-Butylbenzene	12.200	91	725461	96.586	ug/l	99
90) Hexachloroethane	12.467	117	132203	97.401	ug/l	100
91) 1,2-Dichlorobenzene	12.203	146	381133	91.556	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.984	75	79786	101.264	ug/l	97
93) 1,2,4-Trichlorobenzene	13.830	180	262144	98.331	ug/l	99
94) Hexachlorobutadiene	14.013	225	109266	95.881	ug/l	97
95) Naphthalene	14.077	128	880356	100.835	ug/l	100
96) 1,2,3-Trichlorobenzene	14.319	180	253138	96.620	ug/l	99

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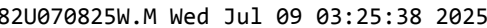
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

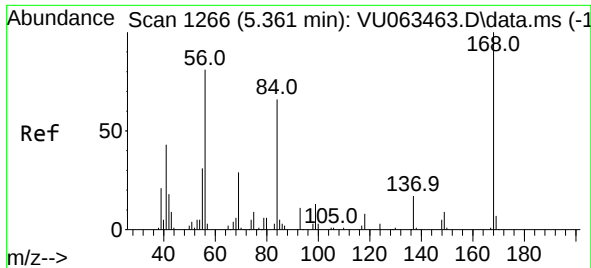
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Quant Title : SW846 8260
QLast Update : Wed Jul 09 03:15:26 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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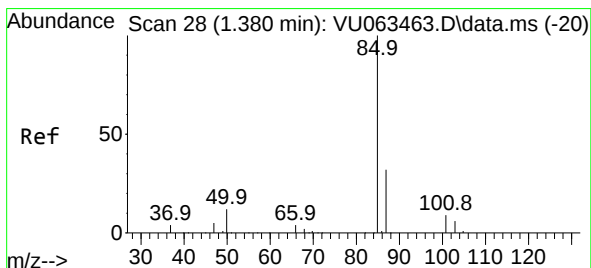
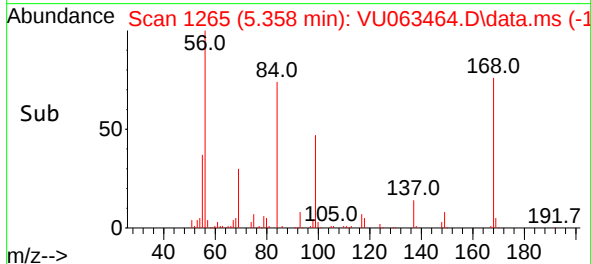
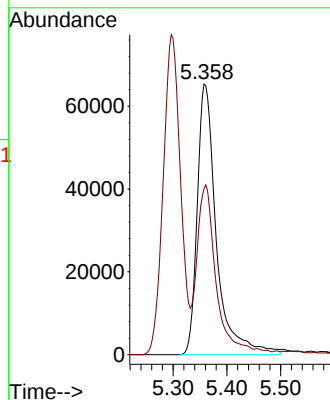
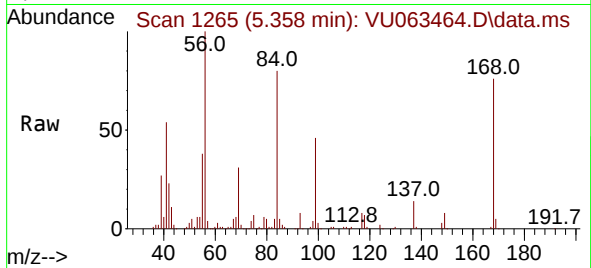




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.358 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063464.D
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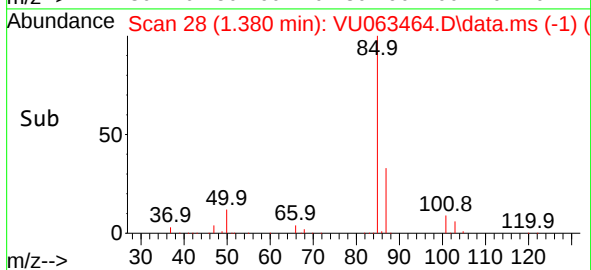
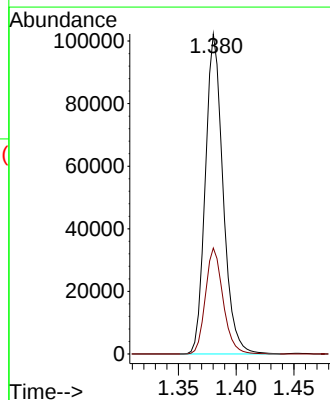
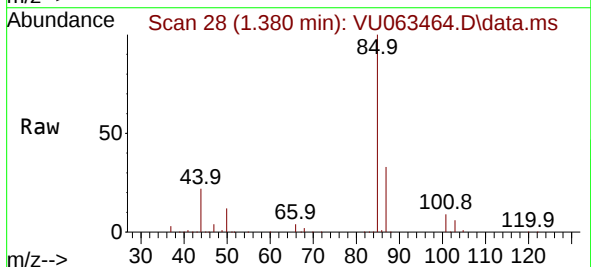
Instrument :
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ClientSampleId :
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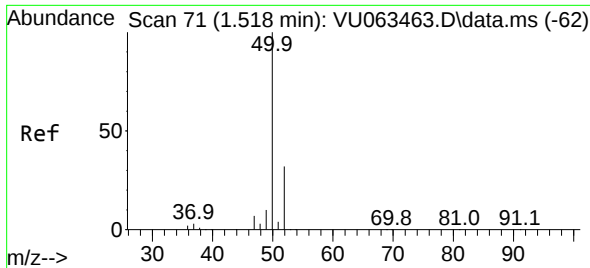
Tgt Ion:168 Resp: 162261
Ion Ratio Lower Upper
168 100
99 60.3 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 84.318 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

Tgt Ion: 85 Resp: 108812
Ion Ratio Lower Upper
85 100
87 33.1 16.1 48.2

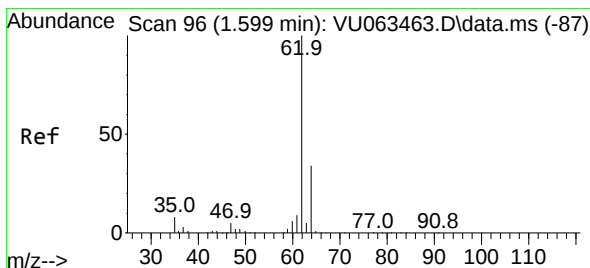
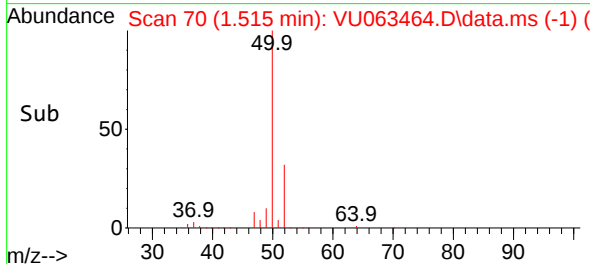
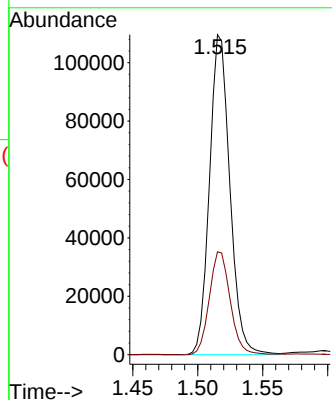
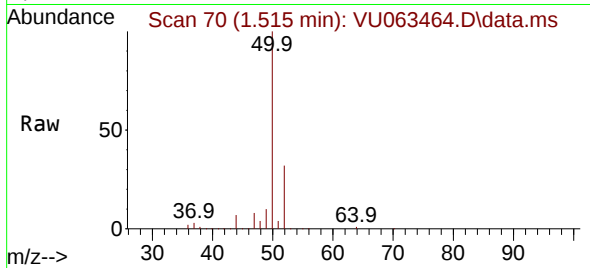




#3
Chloromethane
Concen: 89.003 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

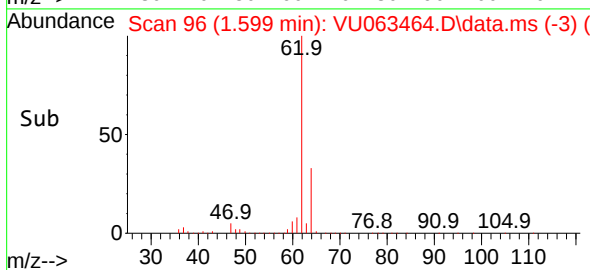
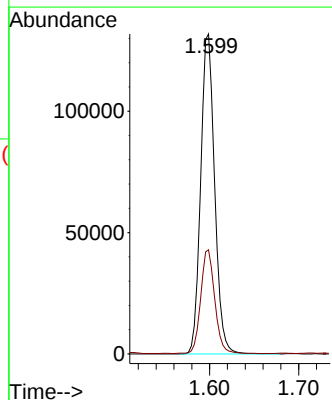
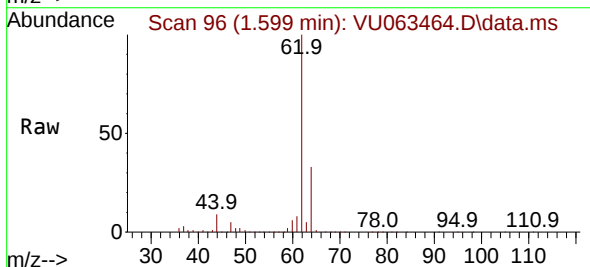
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ClientSampleId :
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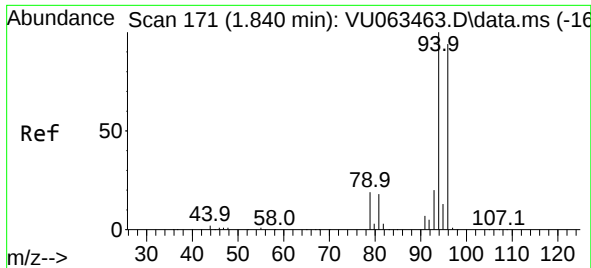
Tgt Ion: 50 Resp: 119562
Ion Ratio Lower Upper
50 100
52 32.2 25.8 38.8



#4
Vinyl Chloride
Concen: 82.688 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063464.D
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Tgt Ion: 62 Resp: 144117
Ion Ratio Lower Upper
62 100
64 32.3 26.9 40.3

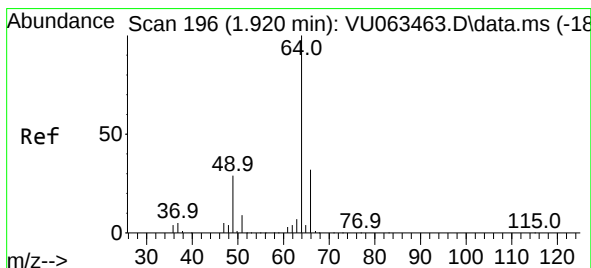
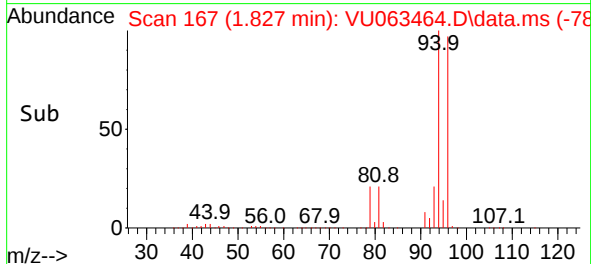
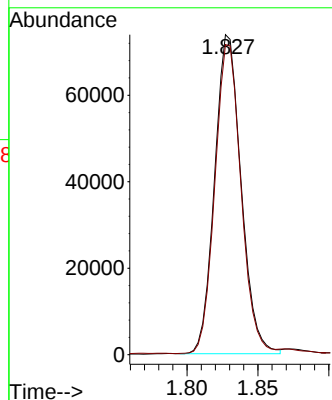
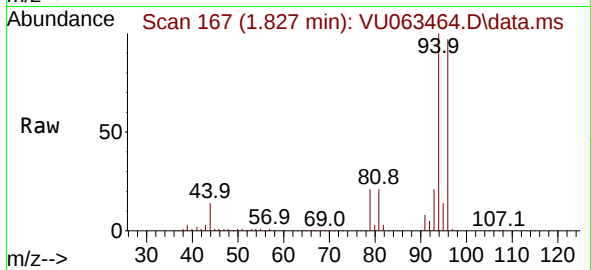




#5
Bromomethane
Concen: 78.765 ug/l
RT: 1.827 min Scan# 1
Delta R.T. -0.013 min
Lab File: VU063464.D
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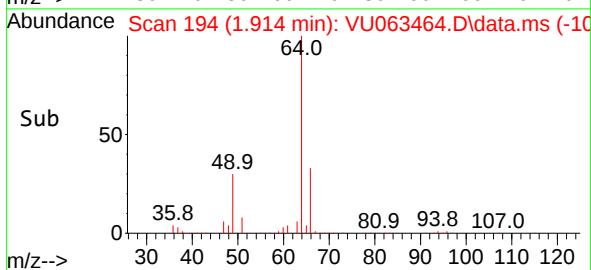
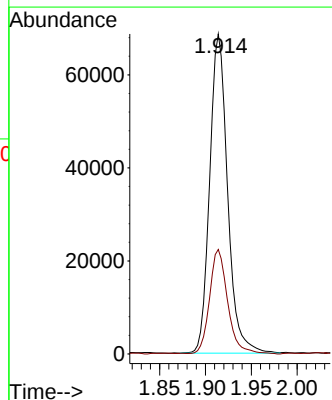
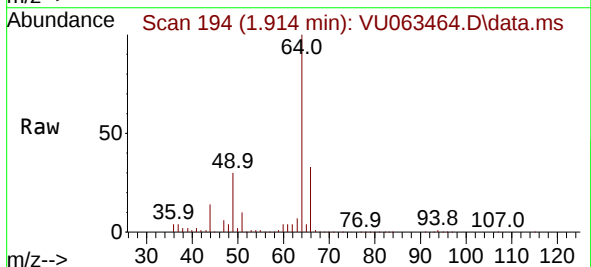
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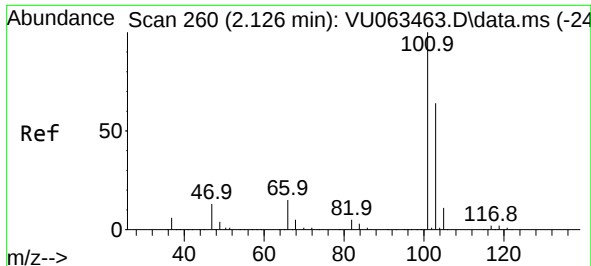
Tgt Ion: 94 Resp: 96181
Ion Ratio Lower Upper
94 100
96 96.8 75.5 113.3



#6
Chloroethane
Concen: 92.693 ug/l
RT: 1.914 min Scan# 194
Delta R.T. -0.006 min
Lab File: VU063464.D
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Tgt Ion: 64 Resp: 93086
Ion Ratio Lower Upper
64 100
66 32.7 25.3 37.9

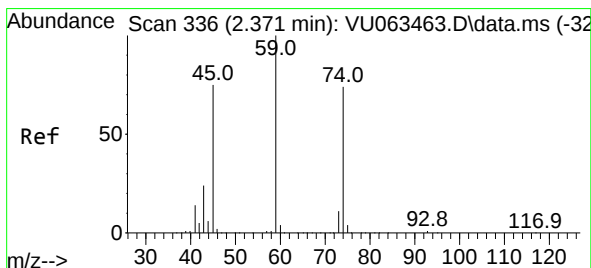
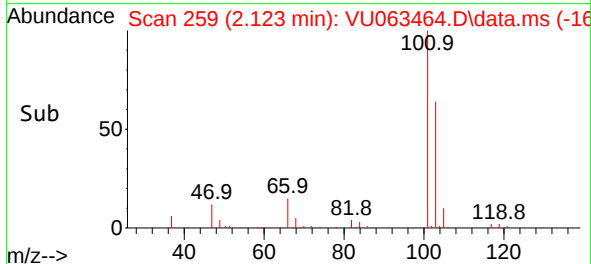
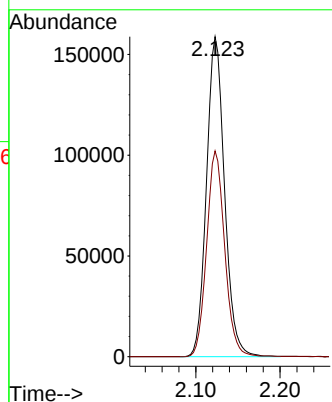
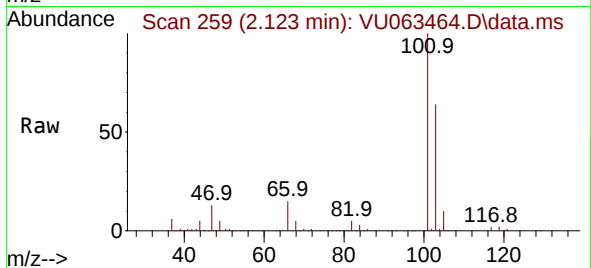




#7
 Trichlorofluoromethane
 Concen: 84.433 ug/l
 RT: 2.123 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU063464.D
 Acq: 08 Jul 2025 14:21

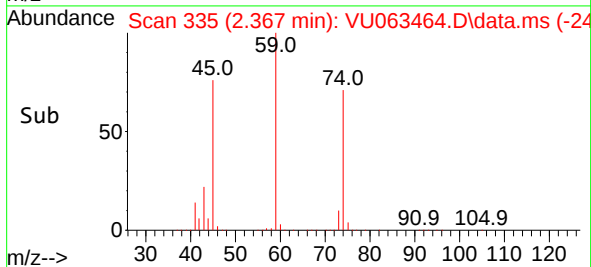
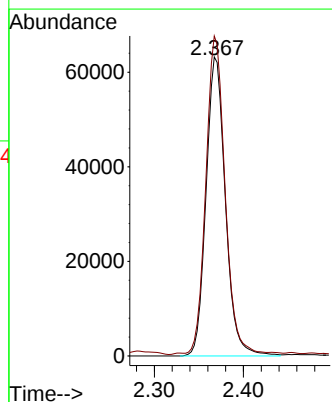
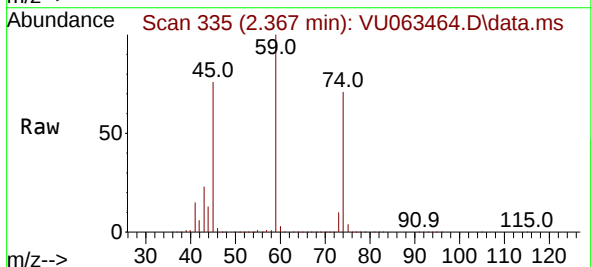
Instrument :
 MSVOA_U
 ClientSampleId :
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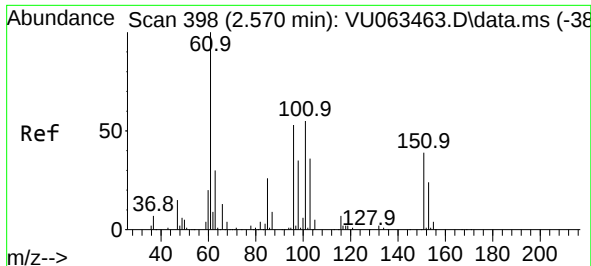
Tgt Ion:101 Resp: 237403
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.1 76.7



#8
 Diethyl Ether
 Concen: 81.269 ug/l
 RT: 2.367 min Scan# 335
 Delta R.T. -0.003 min
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Tgt Ion: 74 Resp: 95230
 Ion Ratio Lower Upper
 74 100
 45 106.6 49.7 149.1

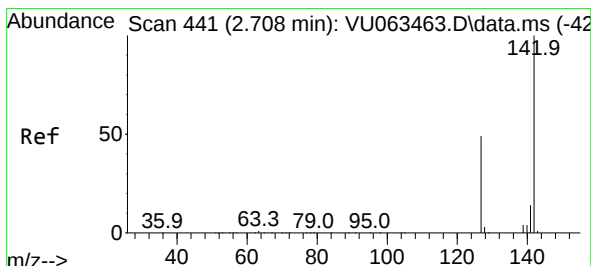
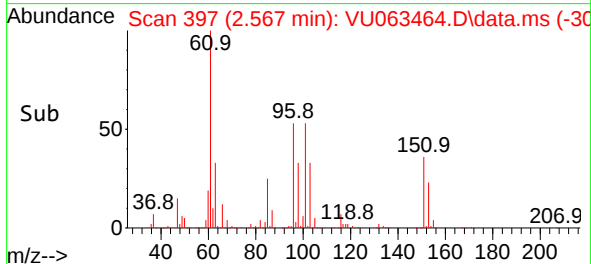
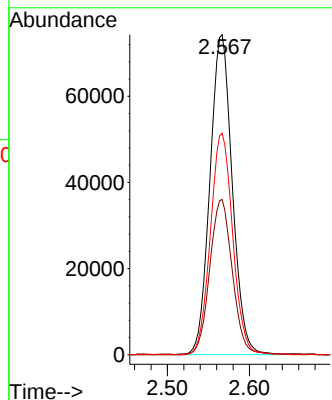
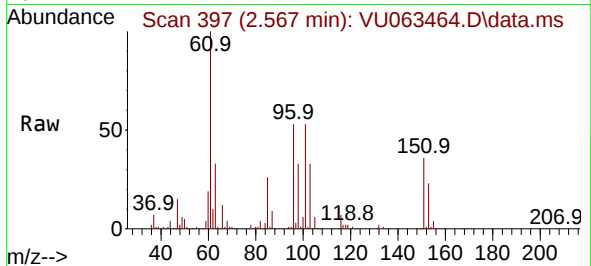




#9
1,1,2-Trichlorotrifluoroethane
Concen: 84.497 ug/l
RT: 2.567 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

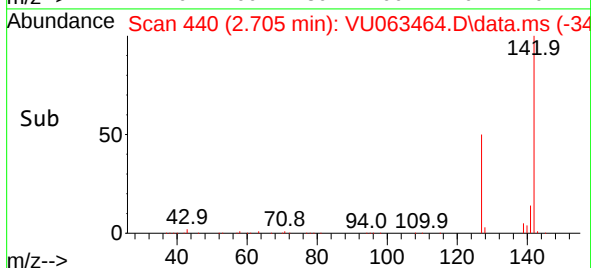
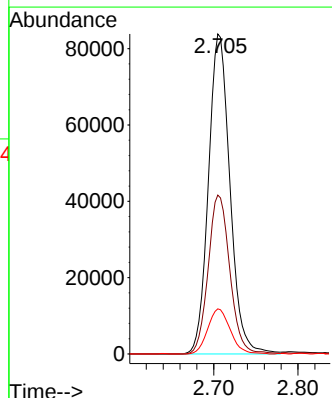
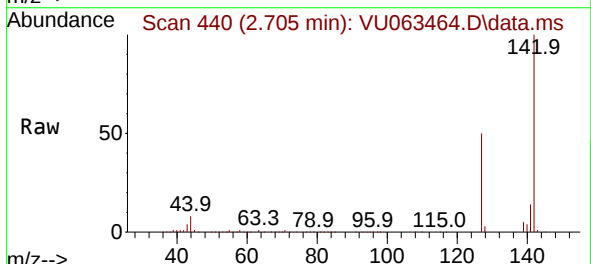
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

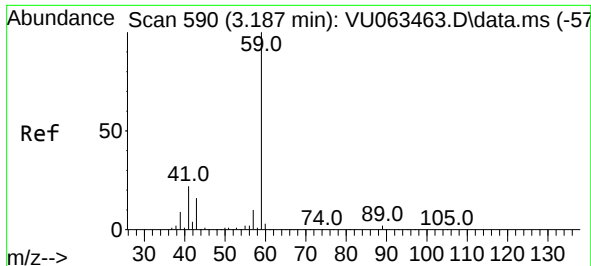
Tgt Ion:101 Resp: 140522
Ion Ratio Lower Upper
101 100
85 49.1 39.6 59.4
151 69.3 57.2 85.8



#10
Methyl Iodide
Concen: 85.807 ug/l
RT: 2.705 min Scan# 440
Delta R.T. -0.003 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

Tgt Ion:142 Resp: 149057
Ion Ratio Lower Upper
142 100
127 49.9 38.2 57.4
141 14.7 11.1 16.7

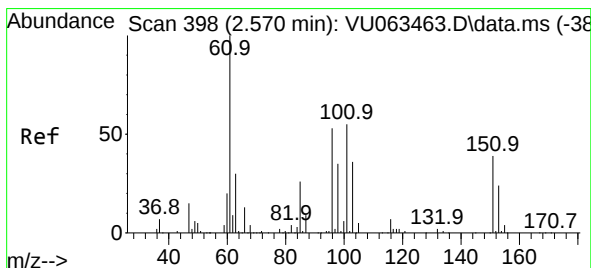
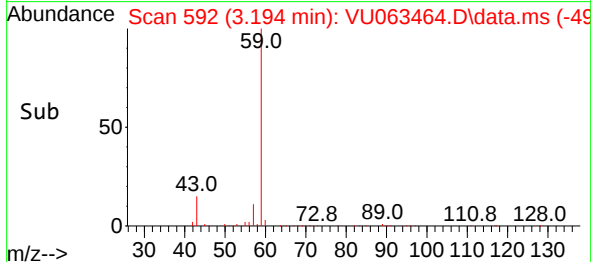
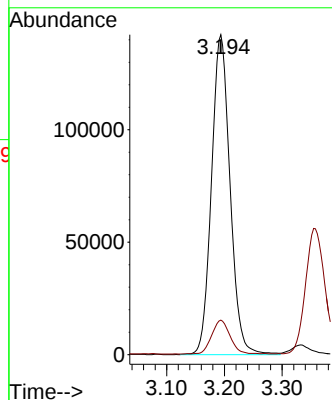
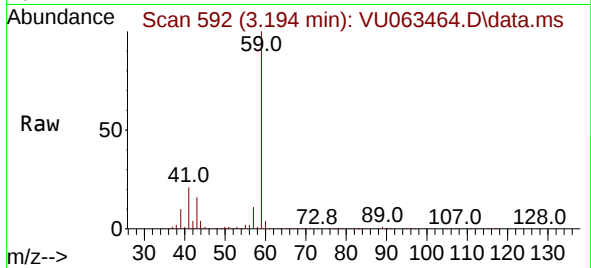




#11
Tert butyl alcohol
Concen: 457.615 ug/l
RT: 3.194 min Scan# 591
Delta R.T. 0.006 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

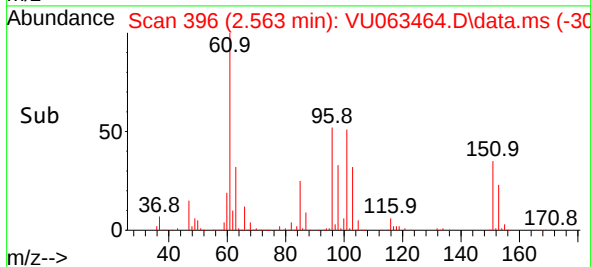
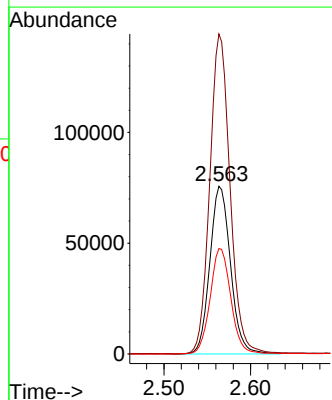
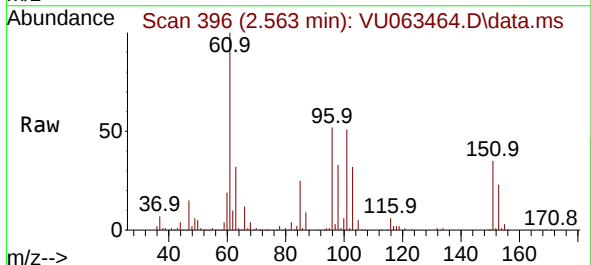
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

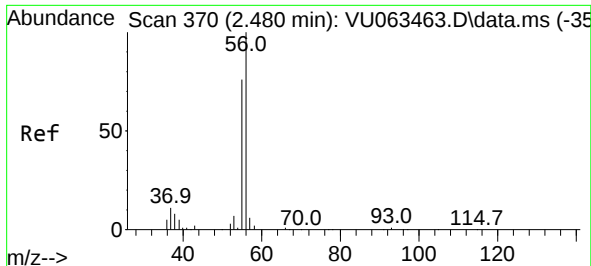
Tgt Ion: 59 Resp: 317643
Ion Ratio Lower Upper
59 100
57 10.3 8.8 13.2



#12
1,1-Dichloroethene
Concen: 80.339 ug/l
RT: 2.563 min Scan# 396
Delta R.T. -0.006 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

Tgt Ion: 96 Resp: 125685
Ion Ratio Lower Upper
96 100
61 190.8 149.6 224.4
98 62.7 52.0 78.0

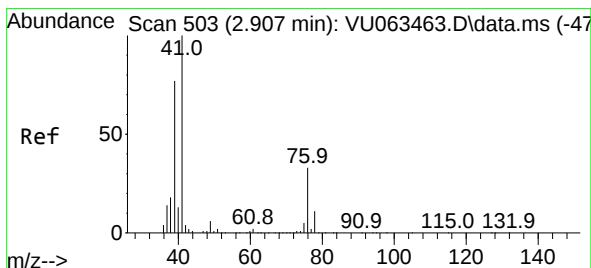
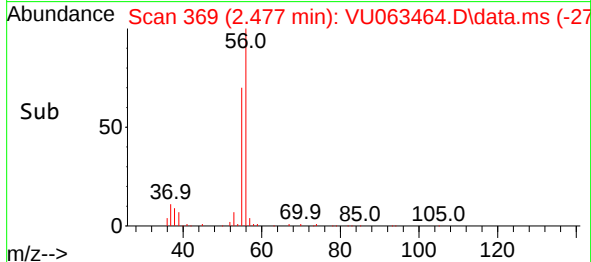
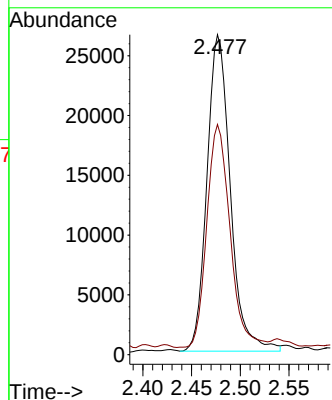
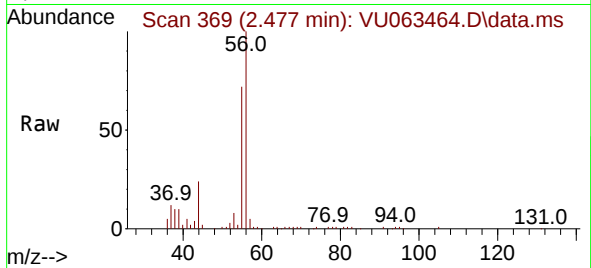




#13
Acrolein
Concen: 450.705 ug/l
RT: 2.477 min Scan# 30
Delta R.T. -0.003 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

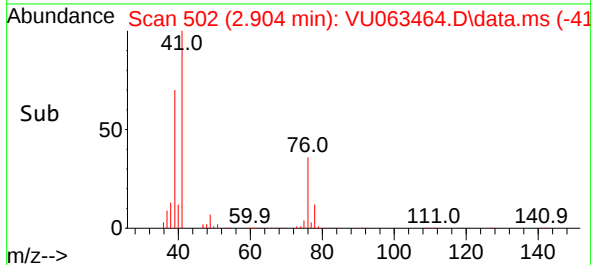
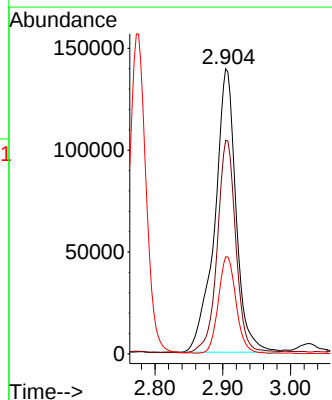
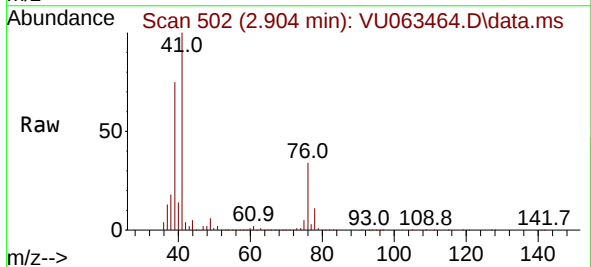
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

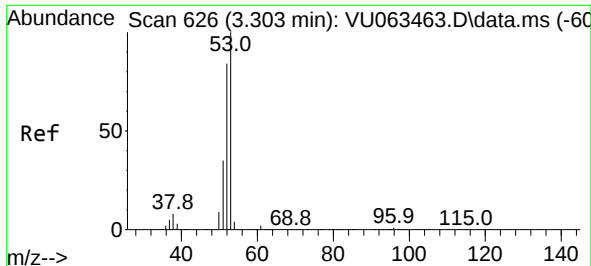
Tgt Ion: 56 Resp: 44158
Ion Ratio Lower Upper
56 100
55 69.6 60.2 90.2



#14
Allyl chloride
Concen: 80.414 ug/l
RT: 2.904 min Scan# 502
Delta R.T. -0.003 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

Tgt Ion: 41 Resp: 303822
Ion Ratio Lower Upper
41 100
39 65.5 53.9 80.9
76 28.3 23.1 34.7

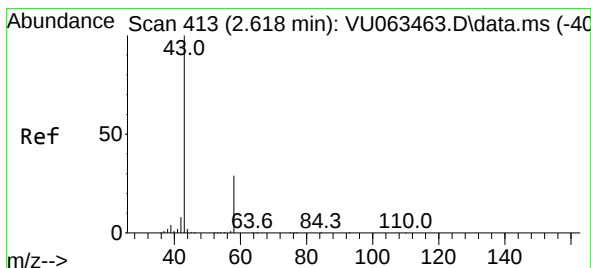
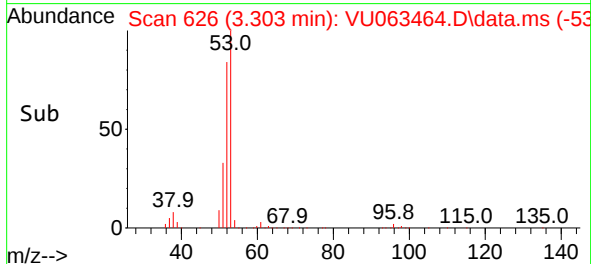
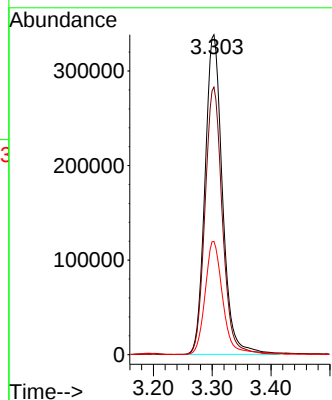
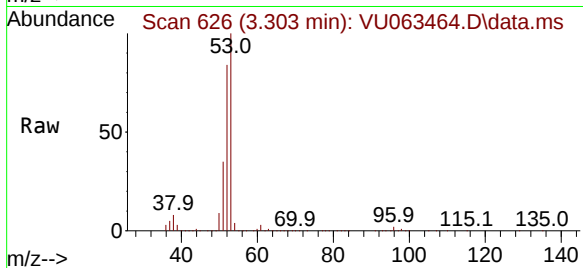




#15
Acrylonitrile
Concen: 468.810 ug/l
RT: 3.303 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

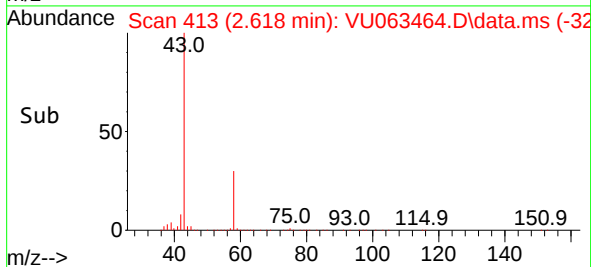
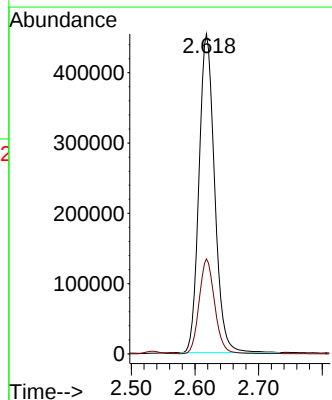
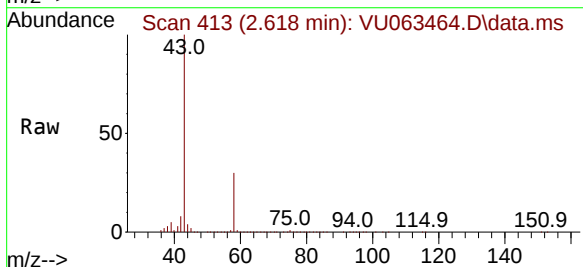
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

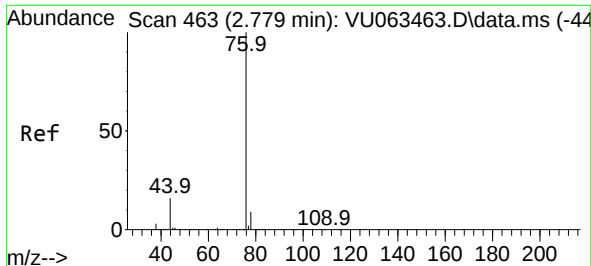
Tgt Ion: 53 Resp: 697037
Ion Ratio Lower Upper
53 100
52 83.1 65.0 97.4
51 35.6 28.8 43.2



#16
Acetone
Concen: 445.475 ug/l
RT: 2.618 min Scan# 413
Delta R.T. -0.000 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

Tgt Ion: 43 Resp: 773634
Ion Ratio Lower Upper
43 100
58 29.7 23.1 34.7

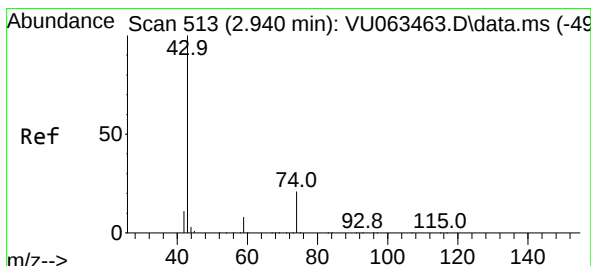
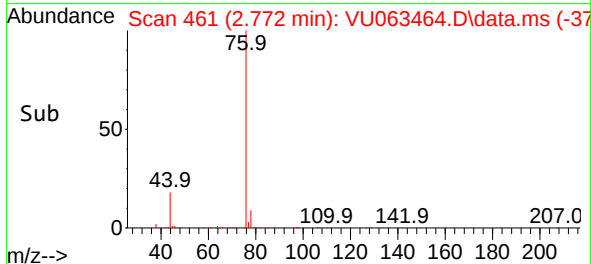
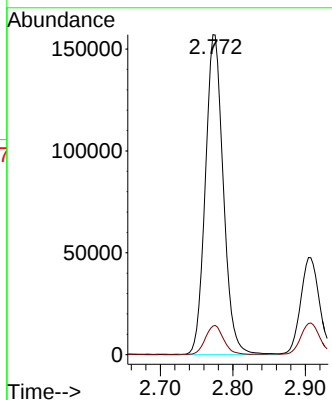
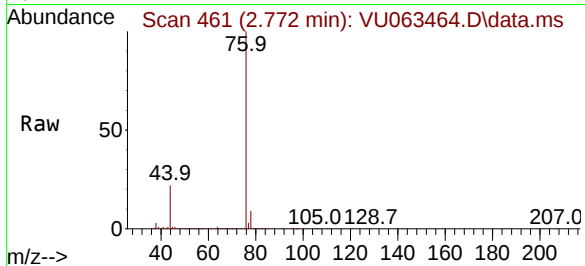




#17
Carbon Disulfide
Concen: 91.360 ug/l
RT: 2.772 min Scan# 461
Delta R.T. -0.007 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

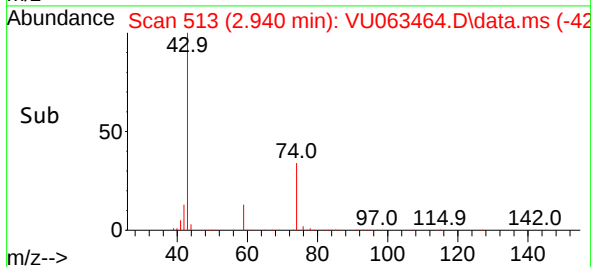
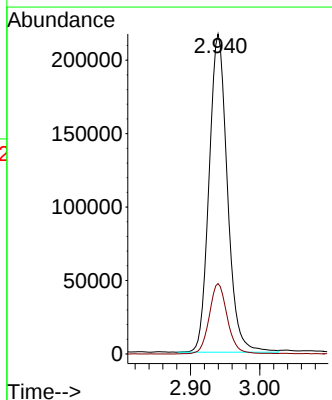
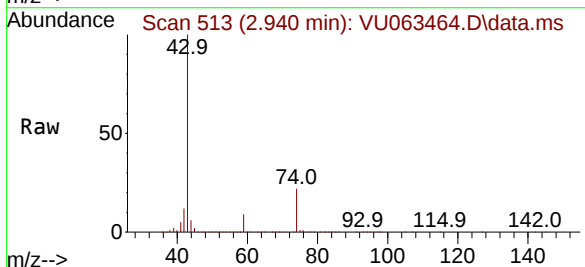
Instrument :
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ClientSampleId :
VSTDIC100

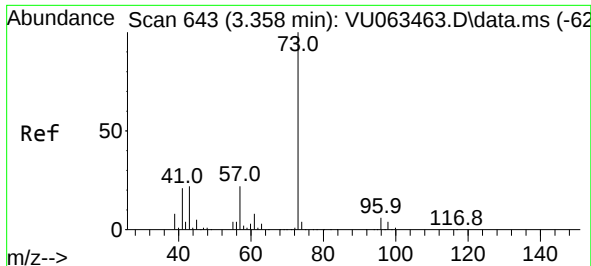
Tgt Ion: 76 Resp: 270616
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 87.381 ug/l
RT: 2.940 min Scan# 513
Delta R.T. -0.000 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

Tgt Ion: 43 Resp: 397384
Ion Ratio Lower Upper
43 100
74 22.1 17.3 25.9

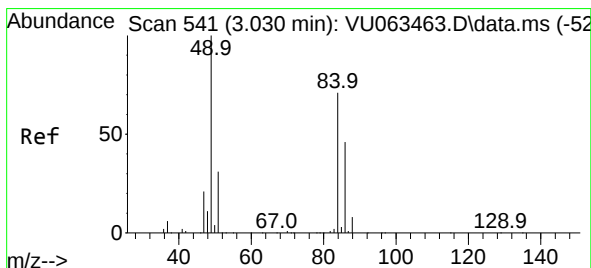
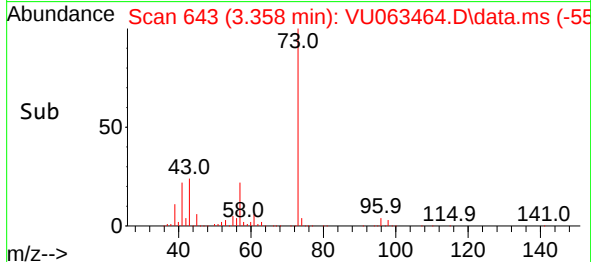
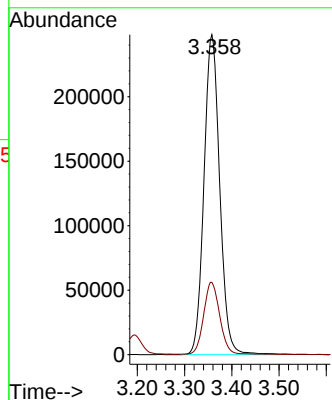
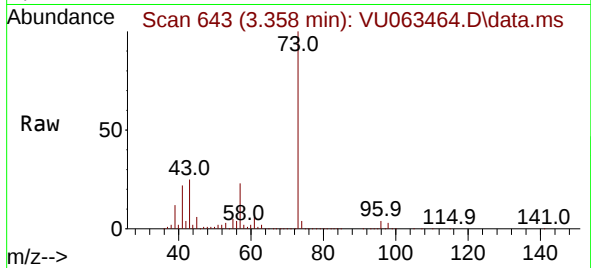




#19
Methyl tert-butyl Ether
Concen: 86.031 ug/l
RT: 3.358 min Scan# 64
Delta R.T. -0.000 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

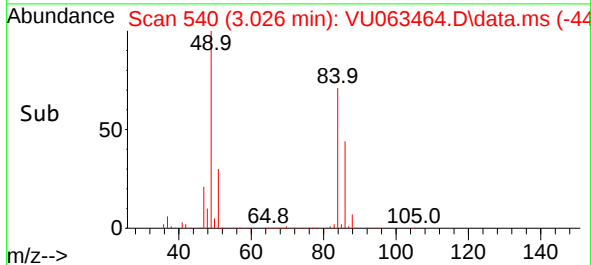
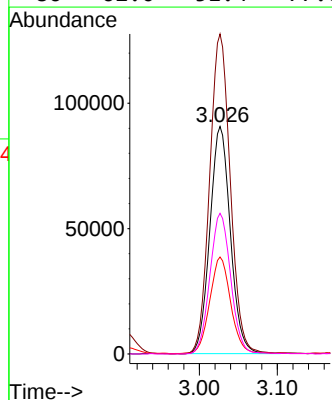
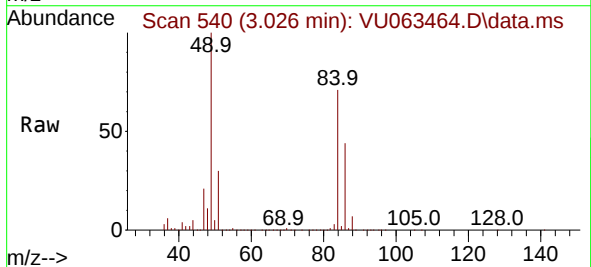
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

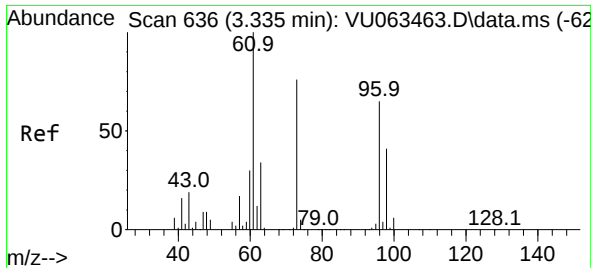
Tgt Ion: 73 Resp: 574388
Ion Ratio Lower Upper
73 100
57 22.5 17.8 26.6



#20
Methylene Chloride
Concen: 90.645 ug/l
RT: 3.026 min Scan# 540
Delta R.T. -0.004 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

Tgt Ion: 84 Resp: 165488
Ion Ratio Lower Upper
84 100
49 140.9 112.1 168.1
51 42.5 34.4 51.6
86 62.0 51.4 77.0

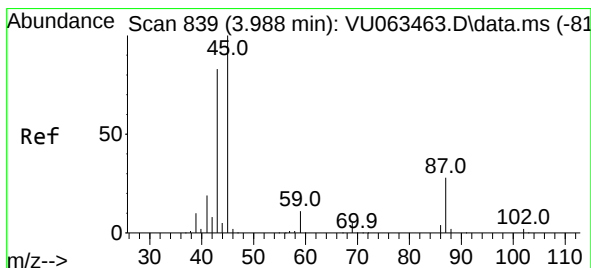
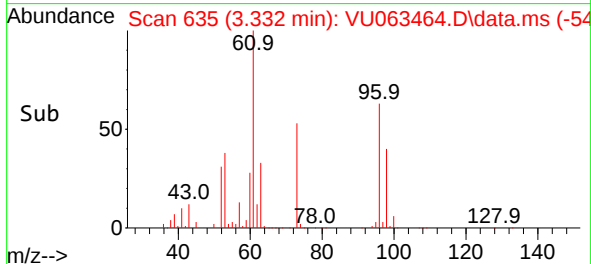
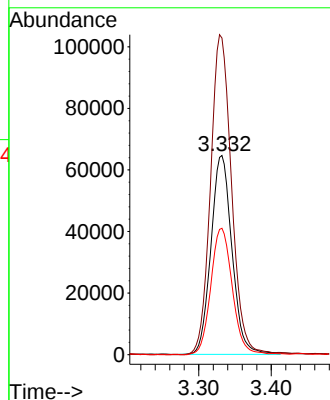
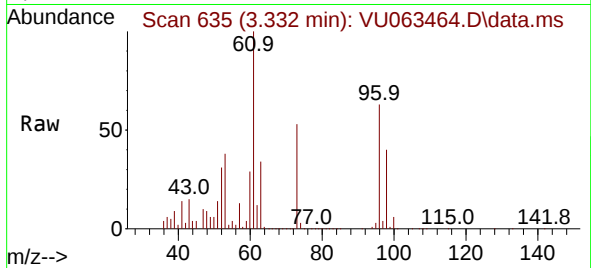




#21
trans-1,2-Dichloroethene
Concen: 90.902 ug/l
RT: 3.332 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

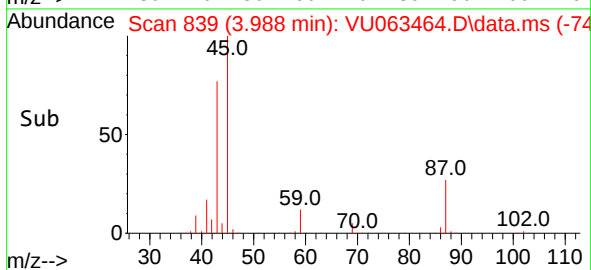
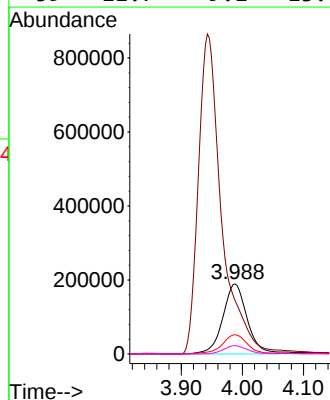
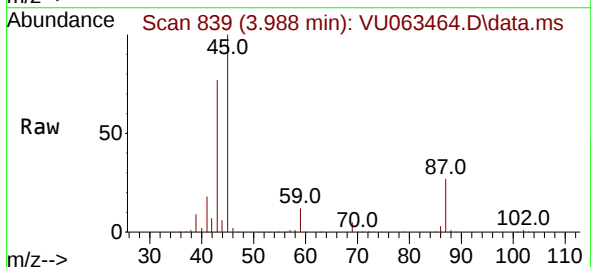
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

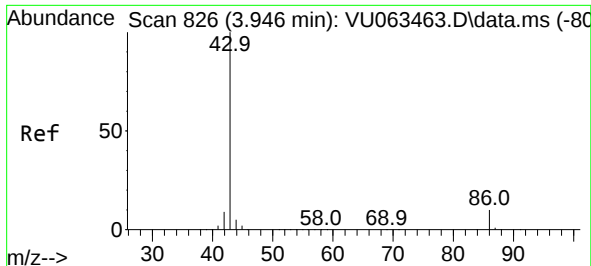
Tgt Ion: 96 Resp: 130476
Ion Ratio Lower Upper
96 100
61 159.3 122.2 183.4
98 63.6 49.9 74.9



#22
Diisopropyl ether
Concen: 82.984 ug/l
RT: 3.988 min Scan# 839
Delta R.T. -0.000 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

Tgt Ion: 45 Resp: 520674
Ion Ratio Lower Upper
45 100
43 76.6 66.5 99.7
87 27.4 22.6 33.8
59 11.7 9.1 13.7

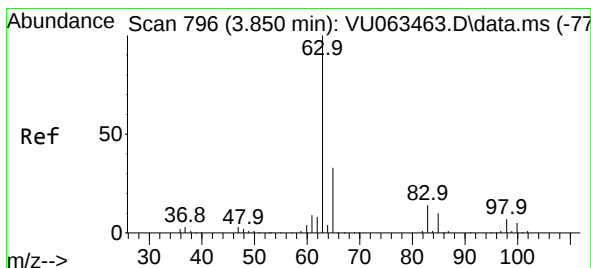
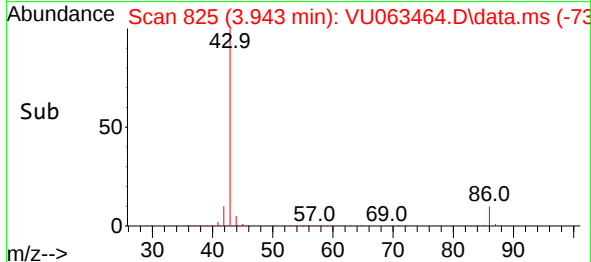
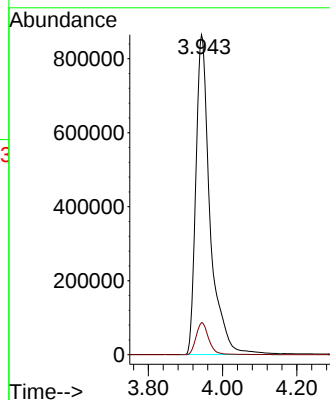
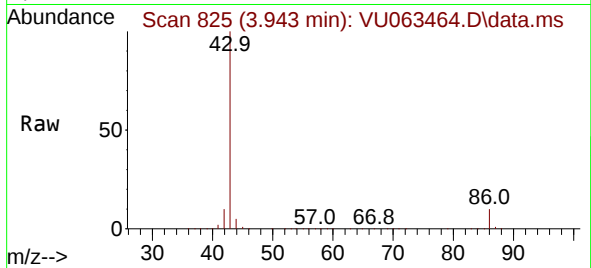




#23
 Vinyl Acetate
 Concen: 472.747 ug/l
 RT: 3.943 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU063464.D
 Acq: 08 Jul 2025 14:21

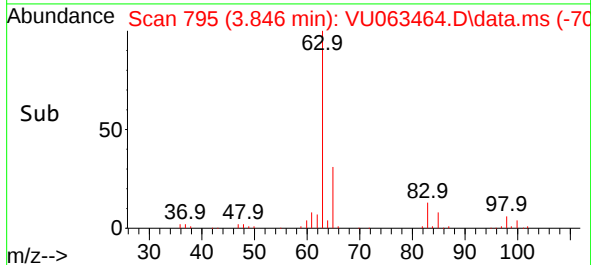
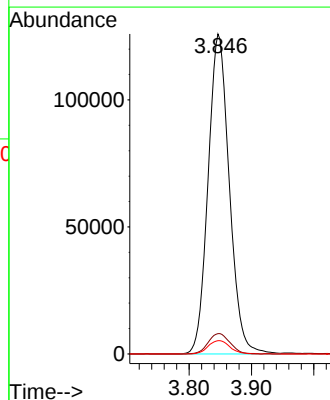
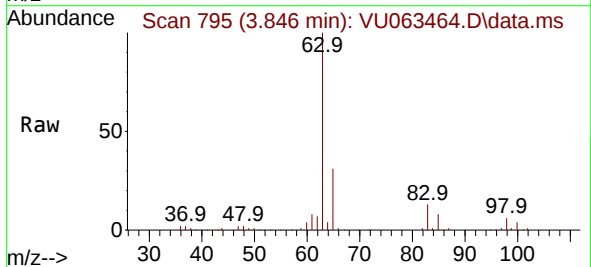
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

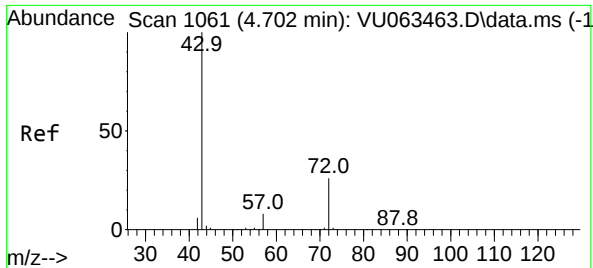
Tgt Ion: 43 Resp: 2301589
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 83.636 ug/l
 RT: 3.846 min Scan# 795
 Delta R.T. -0.003 min
 Lab File: VU063464.D
 Acq: 08 Jul 2025 14:21

Tgt Ion: 63 Resp: 297823
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.9
 100 4.1 2.3 6.8

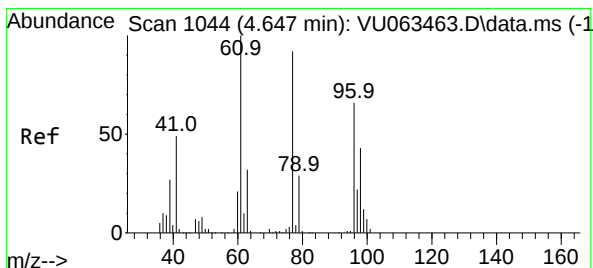
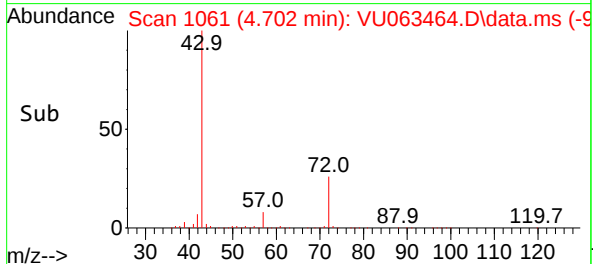
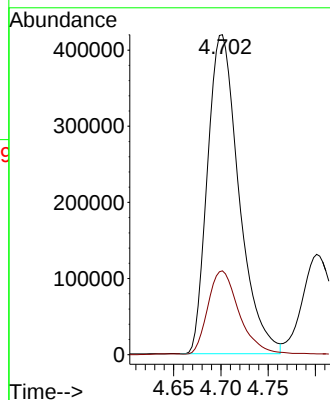
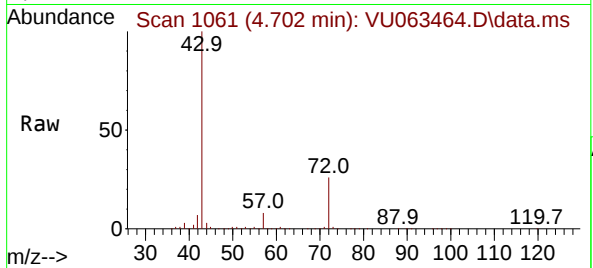




#25
2-Butanone
Concen: 497.173 ug/l
RT: 4.702 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

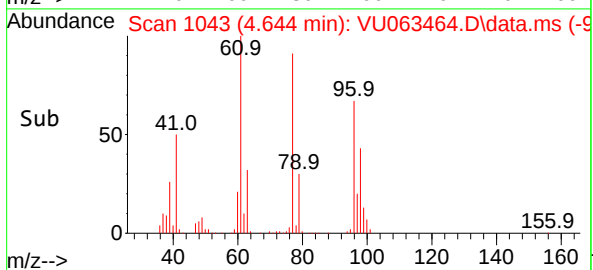
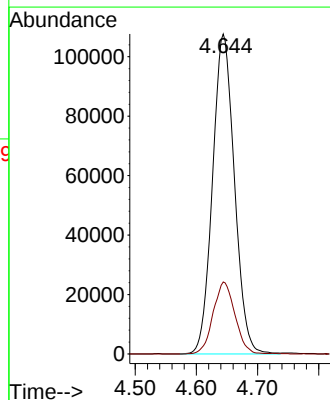
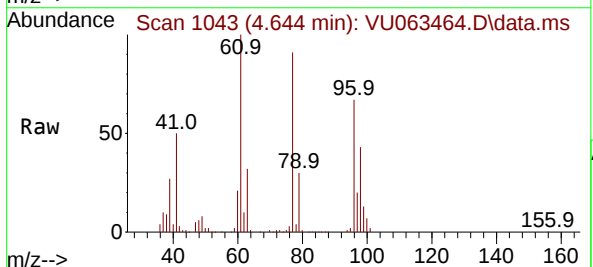
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

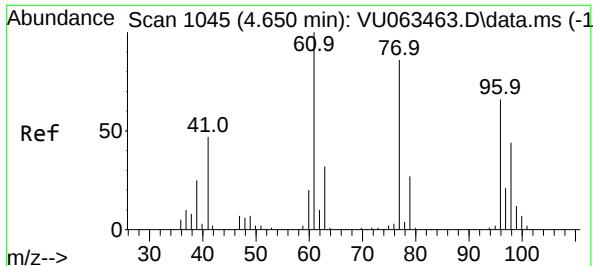
Tgt Ion: 43 Resp: 969268
Ion Ratio Lower Upper
43 100
72 26.0 20.7 31.1



#26
2,2-Dichloropropane
Concen: 84.764 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. -0.003 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

Tgt Ion: 77 Resp: 268099
Ion Ratio Lower Upper
77 100
97 22.4 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 85.641 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU063464.D

Acq: 08 Jul 2025 14:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

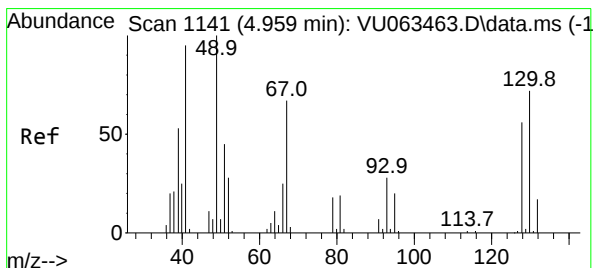
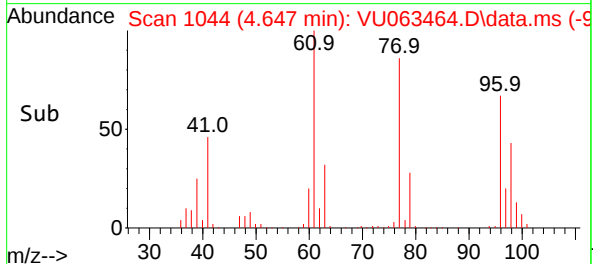
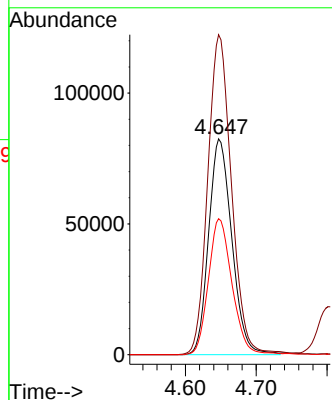
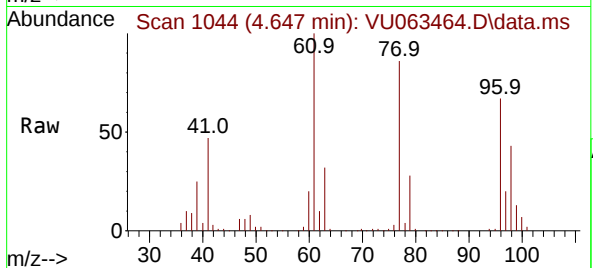
Tgt Ion: 96 Resp: 188011

Ion Ratio Lower Upper

96 100

61 151.2 0.0 307.2

98 63.9 0.0 133.0



#28

Bromochloromethane

Concen: 83.542 ug/l

RT: 4.956 min Scan# 1140

Delta R.T. -0.003 min

Lab File: VU063464.D

Acq: 08 Jul 2025 14:21

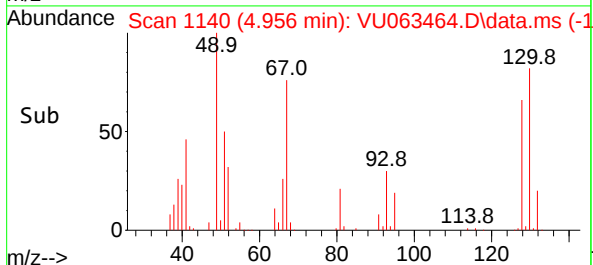
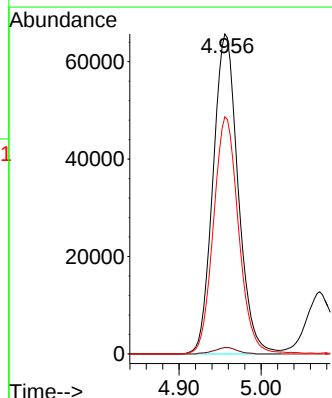
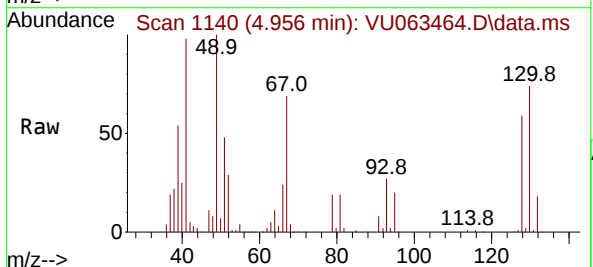
Tgt Ion: 49 Resp: 139742

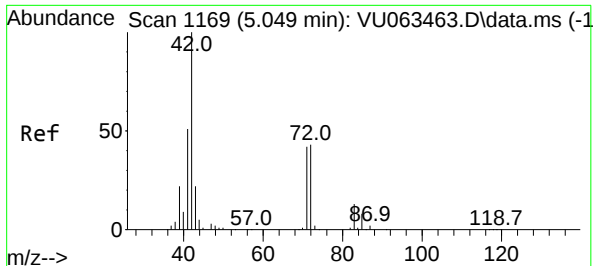
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 74.3 59.0 88.4





#29

Tetrahydrofuran

Concen: 455.690 ug/l

RT: 5.046 min Scan# 1168

Delta R.T. -0.003 min

Lab File: VU063464.D

Acq: 08 Jul 2025 14:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

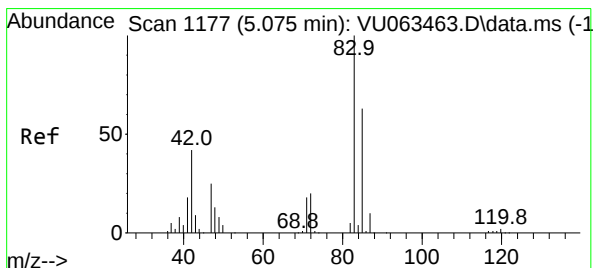
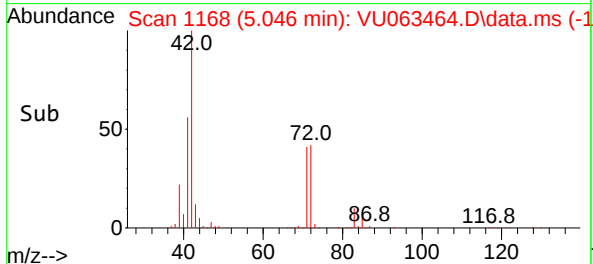
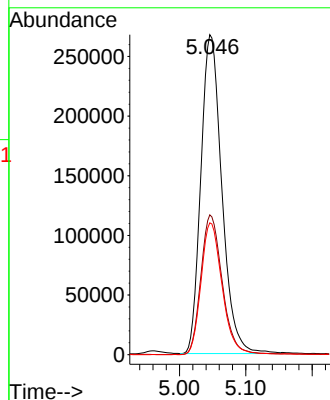
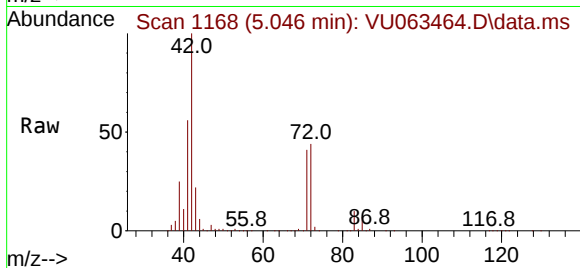
Tgt Ion: 42 Resp: 588667

Ion Ratio Lower Upper

42 100

72 44.6 36.2 54.4

71 41.7 33.3 49.9



#30

Chloroform

Concen: 84.047 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. -0.003 min

Lab File: VU063464.D

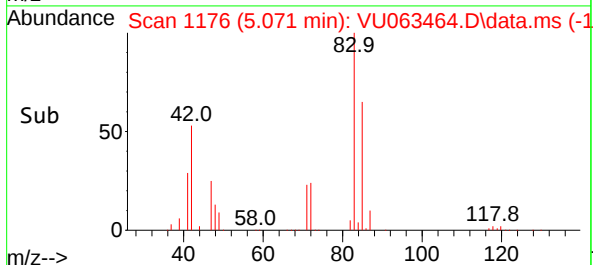
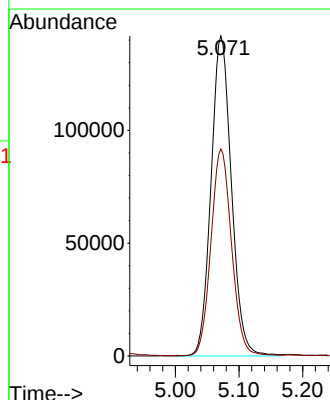
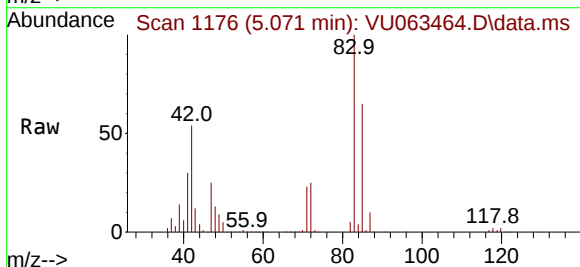
Acq: 08 Jul 2025 14:21

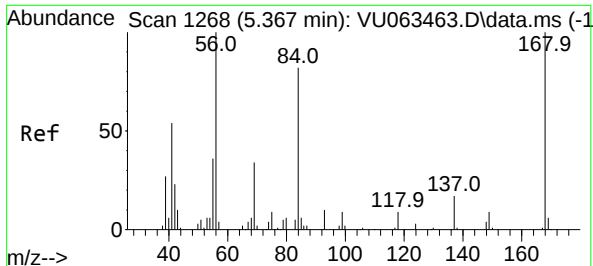
Tgt Ion: 83 Resp: 315979

Ion Ratio Lower Upper

83 100

85 64.6 50.7 76.1





#31

Cyclohexane

Concen: 79.982 ug/l

RT: 5.367 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VU063464.D

Acq: 08 Jul 2025 14:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

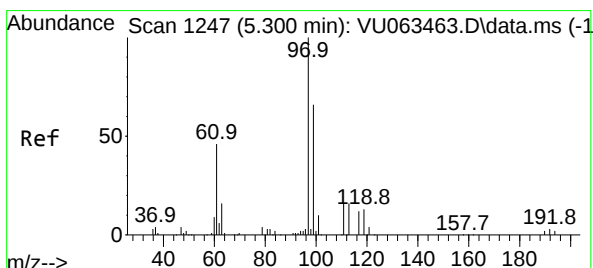
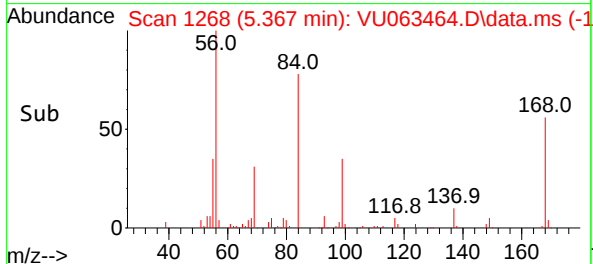
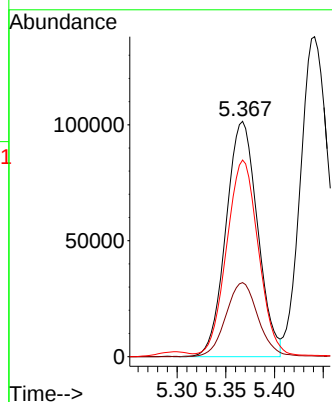
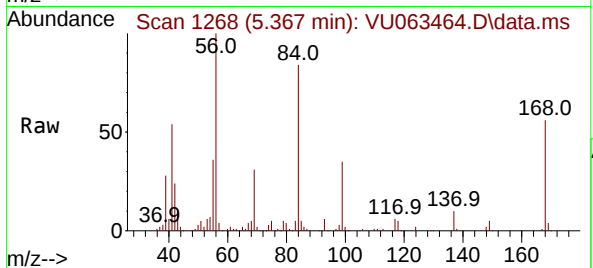
Tgt Ion: 56 Resp: 229272

Ion Ratio Lower Upper

56 100

69 31.5 27.0 40.4

84 81.5 65.7 98.5



#32

1,1,1-Trichloroethane

Concen: 85.663 ug/l

RT: 5.296 min Scan# 1246

Delta R.T. -0.003 min

Lab File: VU063464.D

Acq: 08 Jul 2025 14:21

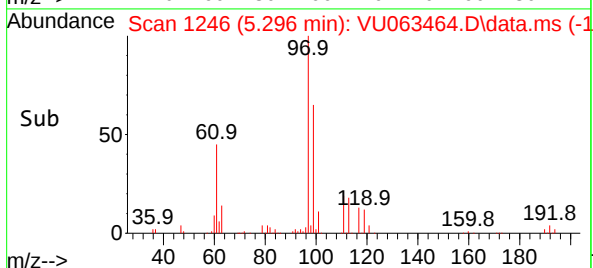
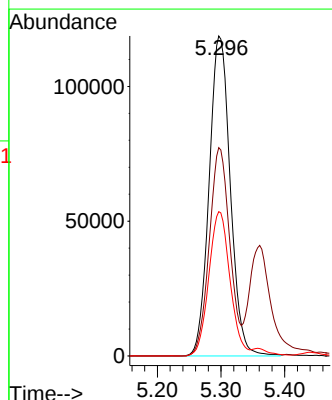
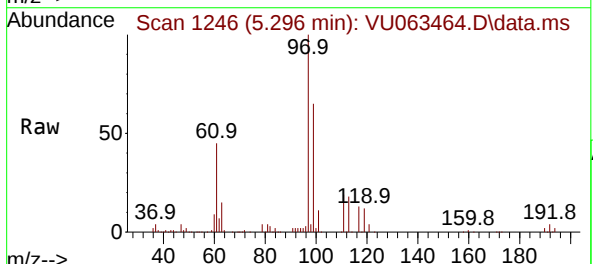
Tgt Ion: 97 Resp: 274220

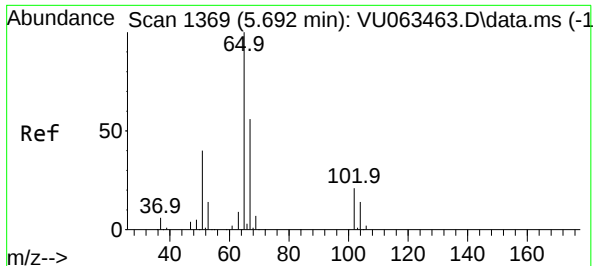
Ion Ratio Lower Upper

97 100

99 63.0 50.4 75.6

61 45.1 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 83.226 ug/l

RT: 5.689 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU063464.D

Acq: 08 Jul 2025 14:21

Instrument :

MSVOA_U

ClientSampleId :

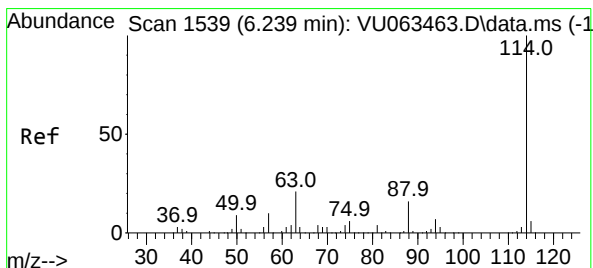
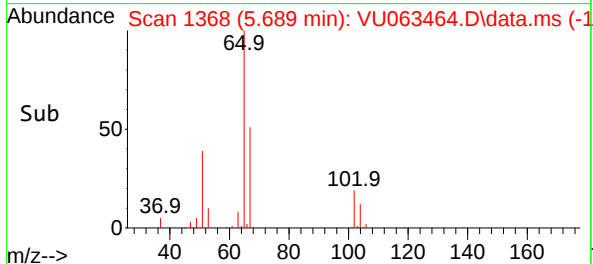
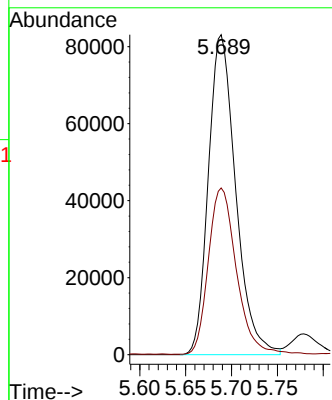
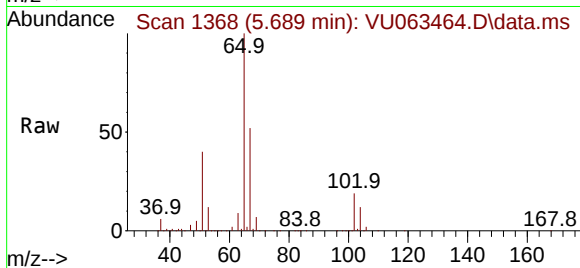
VSTDICC100

Tgt Ion: 65 Resp: 172300

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.239 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VU063464.D

Acq: 08 Jul 2025 14:21

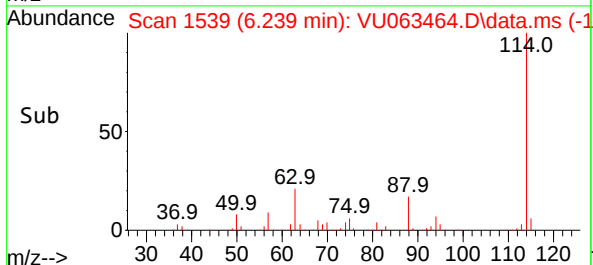
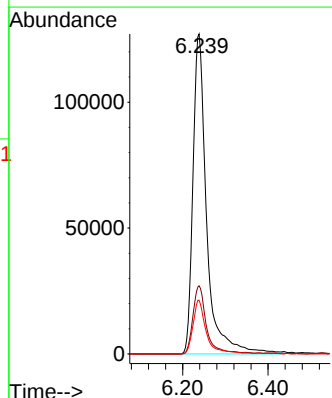
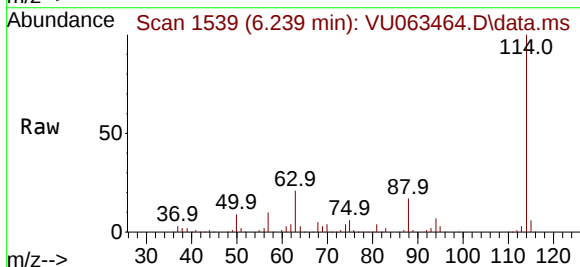
Tgt Ion: 114 Resp: 282769

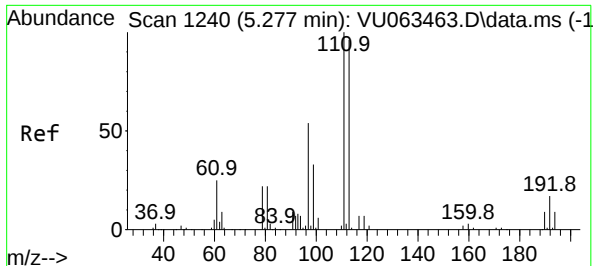
Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.6

88 16.8 0.0 32.0

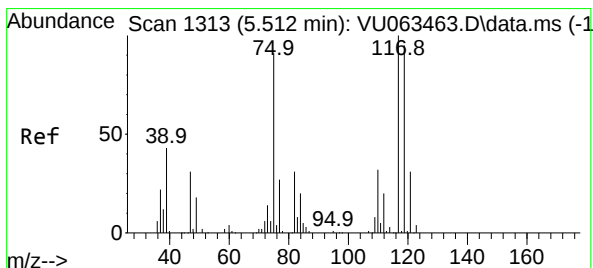
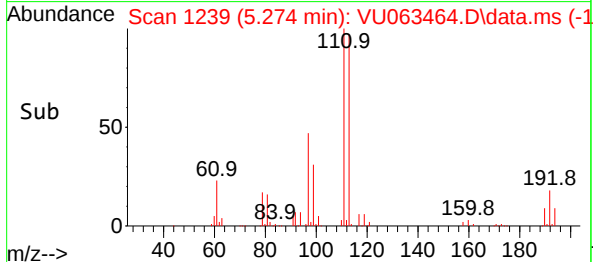
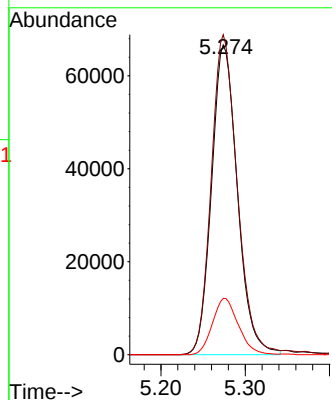
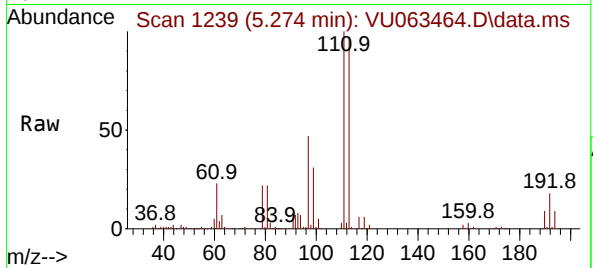




#35
 Dibromofluoromethane
 Concen: 83.313 ug/l
 RT: 5.274 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VU063464.D
 Acq: 08 Jul 2025 14:21

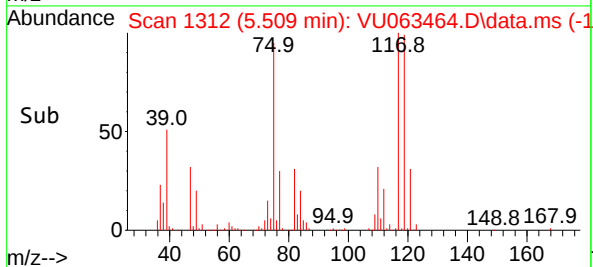
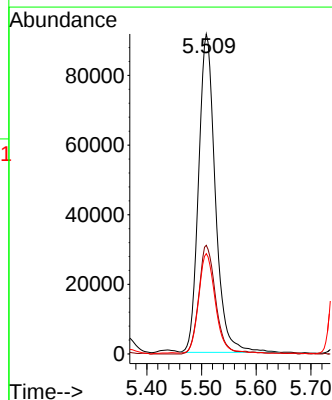
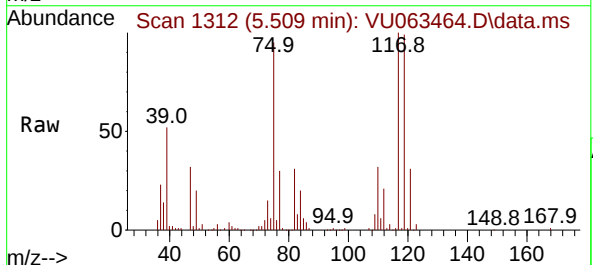
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

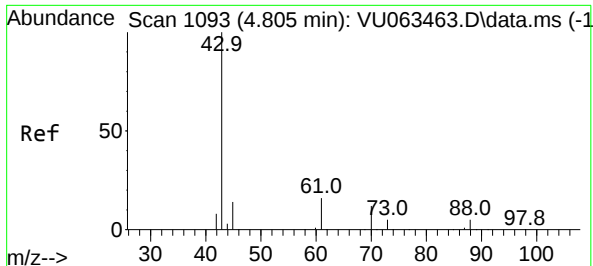
Tgt Ion:113 Resp: 142006
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.1 123.1
 192 18.2 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 83.873 ug/l
 RT: 5.509 min Scan# 1312
 Delta R.T. -0.003 min
 Lab File: VU063464.D
 Acq: 08 Jul 2025 14:21

Tgt Ion: 75 Resp: 194253
 Ion Ratio Lower Upper
 75 100
 110 34.3 17.3 52.0
 77 31.0 23.9 35.9





#37

Ethyl Acetate

Concen: 84.958 ug/l

RT: 4.801 min Scan# 1109

Delta R.T. -0.003 min

Lab File: VU063464.D

Acq: 08 Jul 2025 14:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

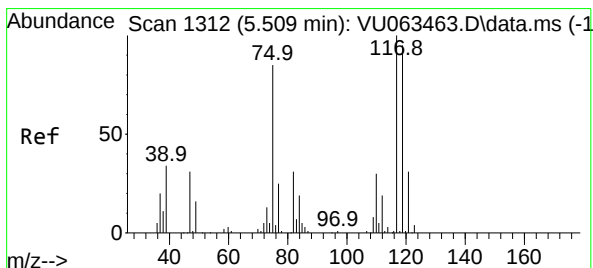
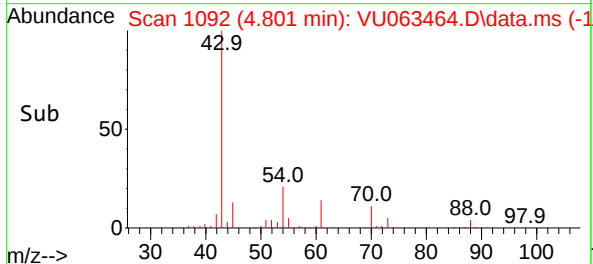
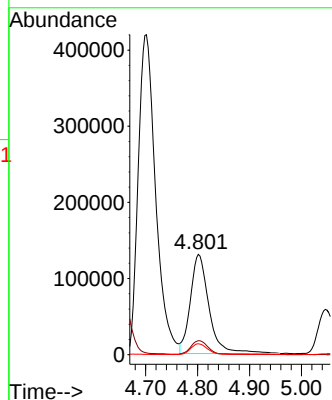
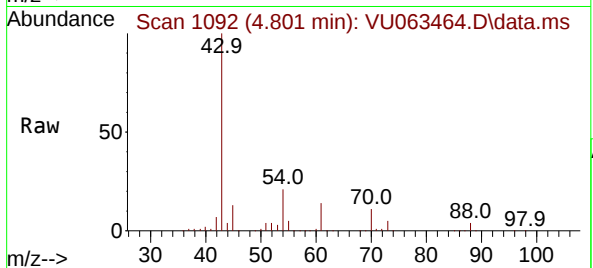
Tgt Ion: 43 Resp: 325140

Ion Ratio Lower Upper

43 100

61 12.6 10.4 15.6

70 9.7 7.8 11.8



#38

Carbon Tetrachloride

Concen: 85.261 ug/l

RT: 5.505 min Scan# 1311

Delta R.T. -0.003 min

Lab File: VU063464.D

Acq: 08 Jul 2025 14:21

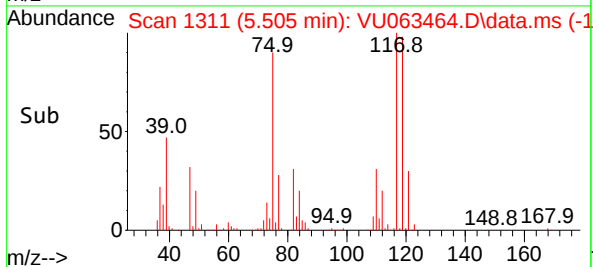
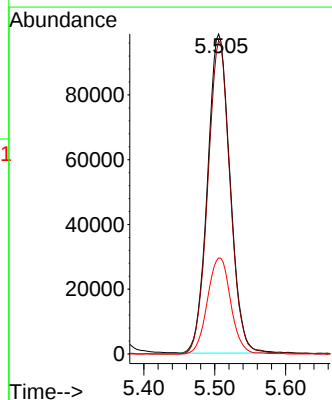
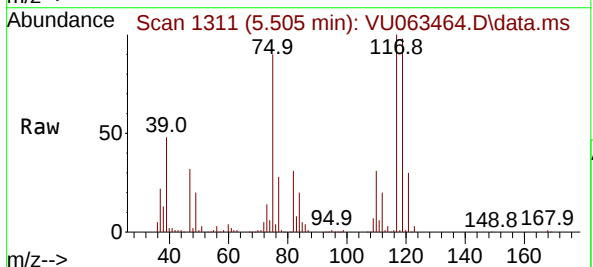
Tgt Ion: 117 Resp: 217574

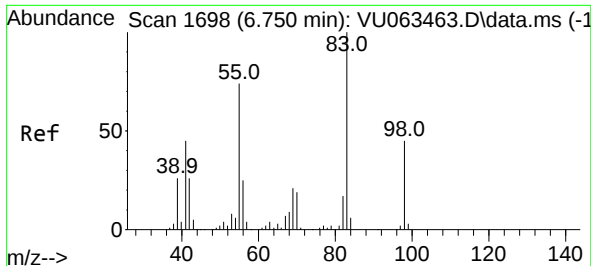
Ion Ratio Lower Upper

117 100

119 98.2 76.1 114.1

121 30.1 25.0 37.4

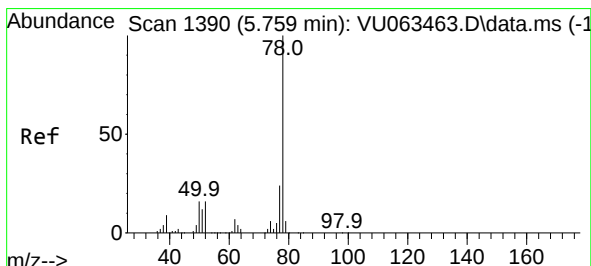
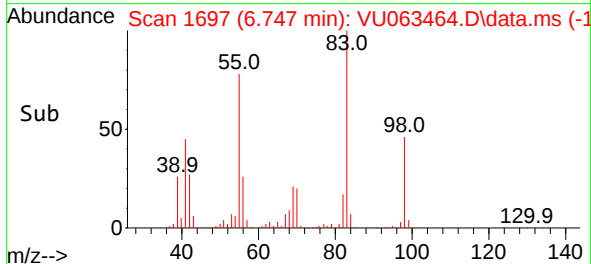
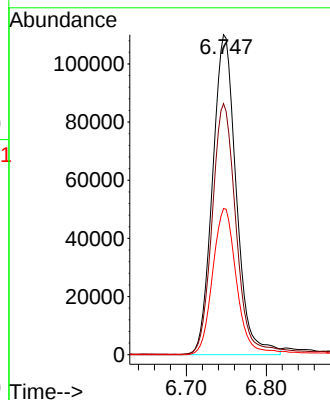
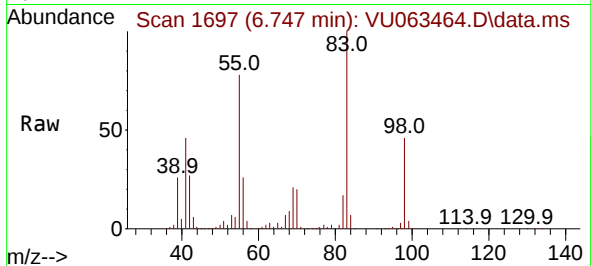




#39
Methylcyclohexane
Concen: 81.015 ug/l
RT: 6.747 min Scan# 1697
Delta R.T. -0.003 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

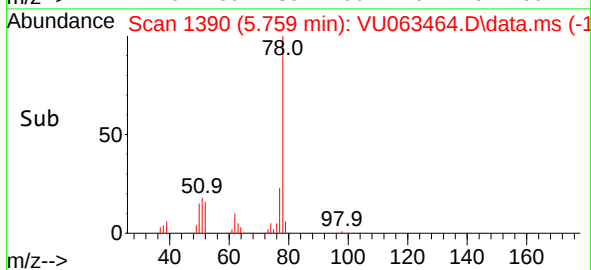
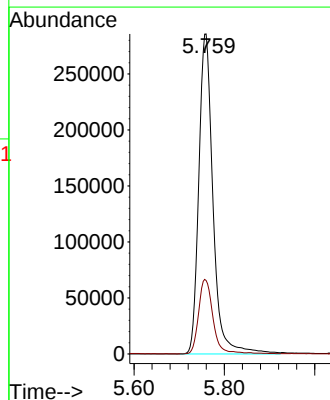
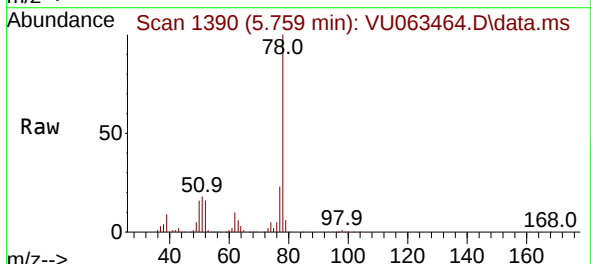
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

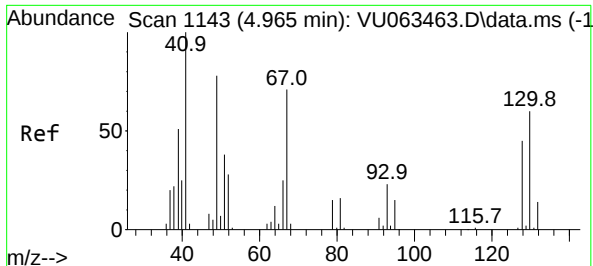
Tgt Ion: 83 Resp: 226716
Ion Ratio Lower Upper
83 100
55 78.3 59.4 89.2
98 45.7 36.2 54.4



#40
Benzene
Concen: 86.128 ug/l
RT: 5.759 min Scan# 1390
Delta R.T. -0.000 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

Tgt Ion: 78 Resp: 622962
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.4

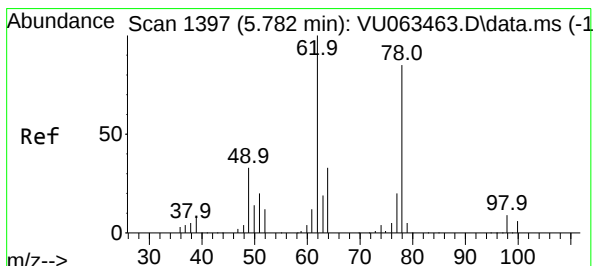
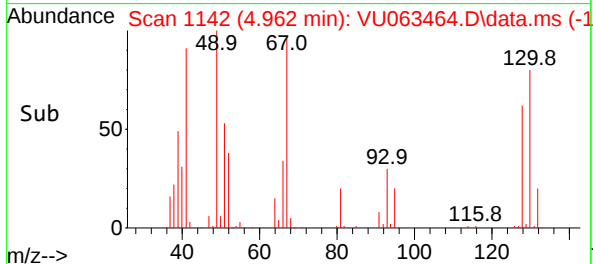
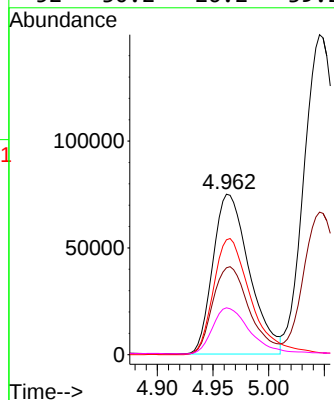
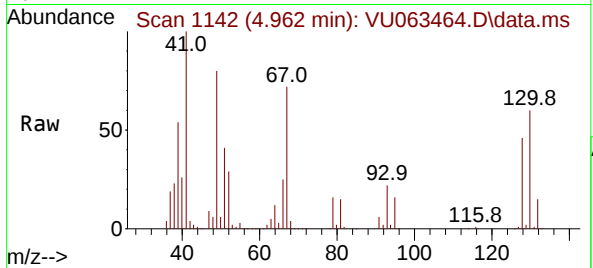




#41
Methacrylonitrile
Concen: 99.145 ug/l
RT: 4.962 min Scan# 1142
Delta R.T. -0.003 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

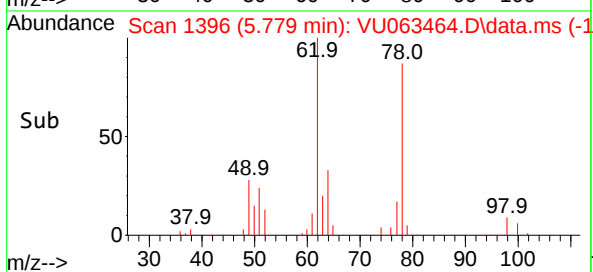
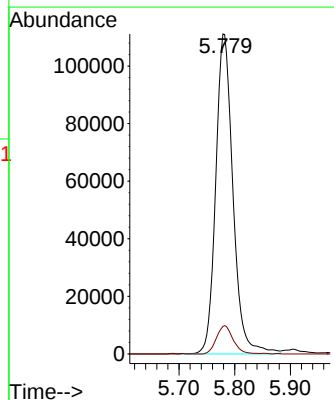
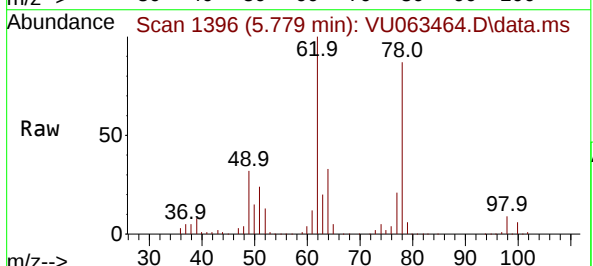
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

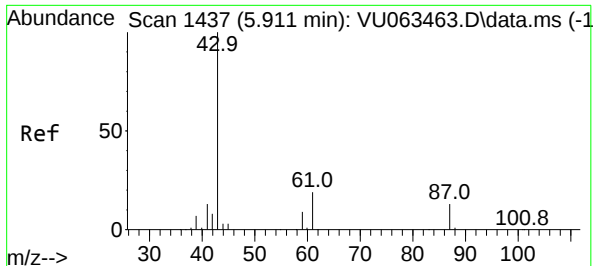
Tgt Ion: 41 Resp: 170222
Ion Ratio Lower Upper
41 100
39 55.0 43.6 65.4
67 76.0 62.8 94.2
52 30.2 26.2 39.2



#42
1,2-Dichloroethane
Concen: 87.987 ug/l
RT: 5.779 min Scan# 1396
Delta R.T. -0.003 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

Tgt Ion: 62 Resp: 239302
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.6





#43

Isopropyl Acetate

Concen: 96.287 ug/l

RT: 5.907 min Scan# 1437

Delta R.T. -0.003 min

Lab File: VU063464.D

Acq: 08 Jul 2025 14:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

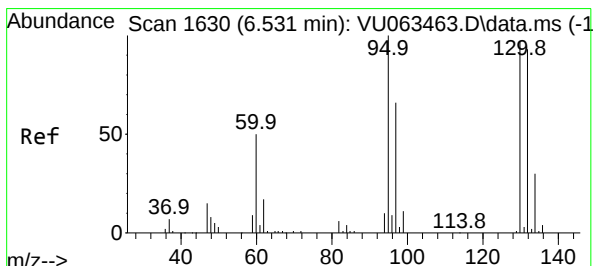
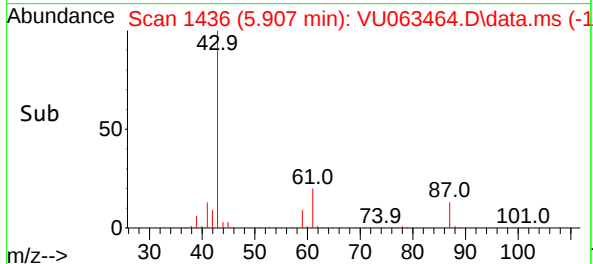
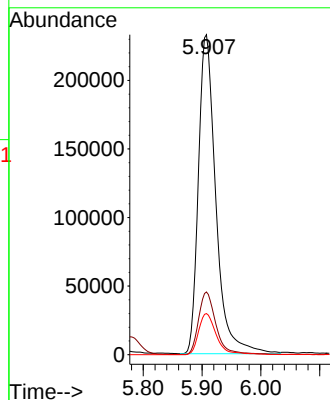
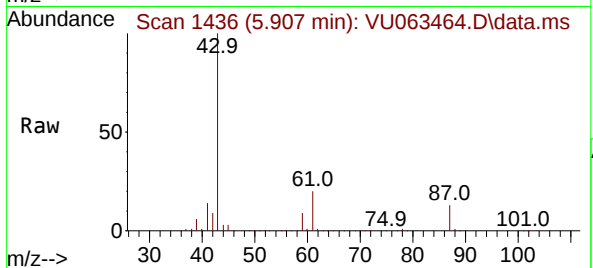
Tgt Ion: 43 Resp: 479710

Ion Ratio Lower Upper

43 100

61 19.5 15.4 23.2

87 13.2 10.5 15.7



#44

Trichloroethene

Concen: 82.787 ug/l

RT: 6.528 min Scan# 1629

Delta R.T. -0.003 min

Lab File: VU063464.D

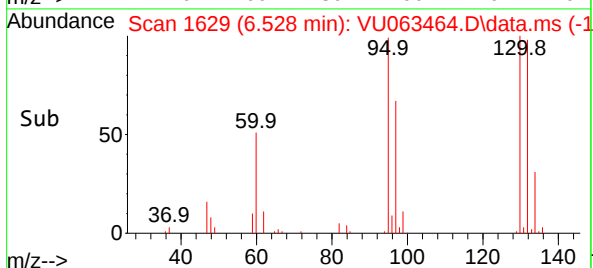
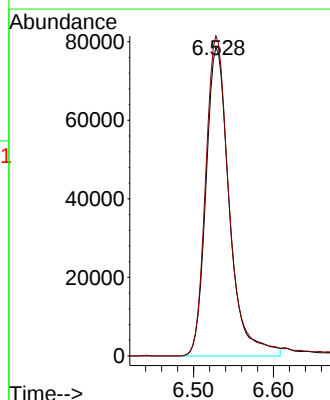
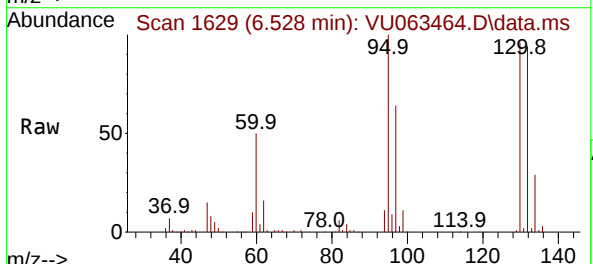
Acq: 08 Jul 2025 14:21

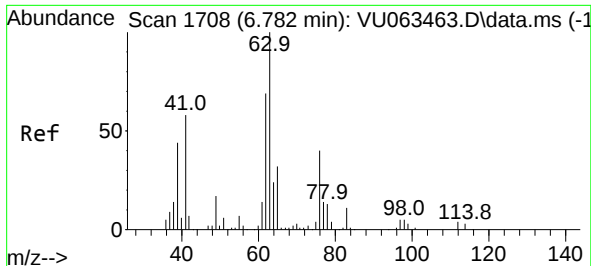
Tgt Ion: 130 Resp: 160244

Ion Ratio Lower Upper

130 100

95 103.8 0.0 206.4





#45

1,2-Dichloropropane

Concen: 85.906 ug/l

RT: 6.779 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU063464.D

Acq: 08 Jul 2025 14:21

Instrument :

MSVOA_U

ClientSampleId :

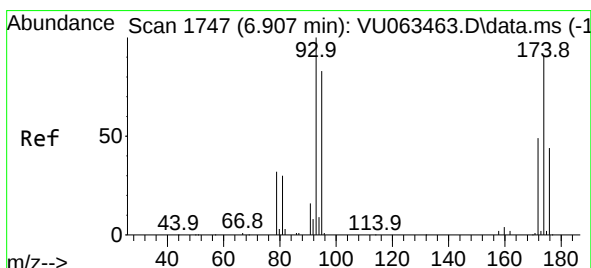
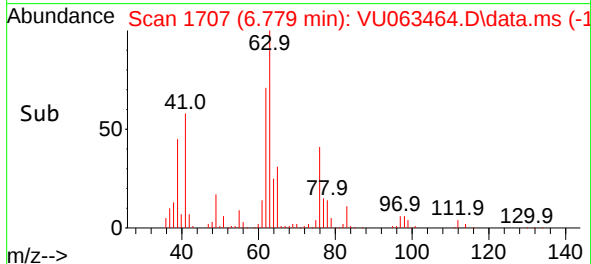
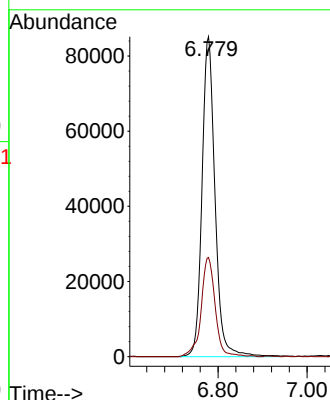
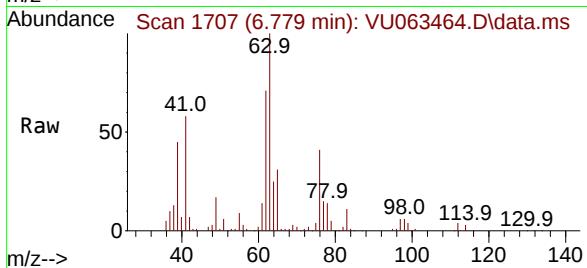
VSTDICC100

Tgt Ion: 63 Resp: 172734

Ion Ratio Lower Upper

63 100

65 31.0 25.3 37.9



#46

Dibromomethane

Concen: 89.513 ug/l

RT: 6.904 min Scan# 1746

Delta R.T. -0.003 min

Lab File: VU063464.D

Acq: 08 Jul 2025 14:21

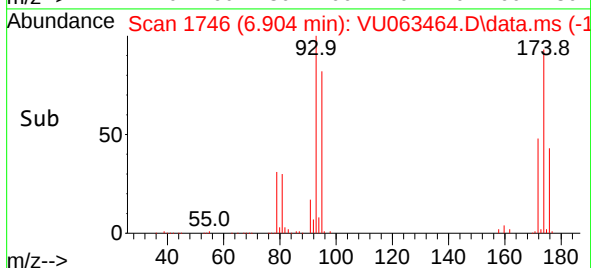
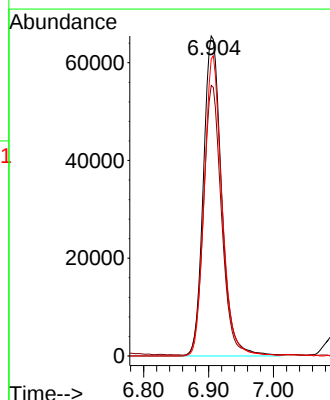
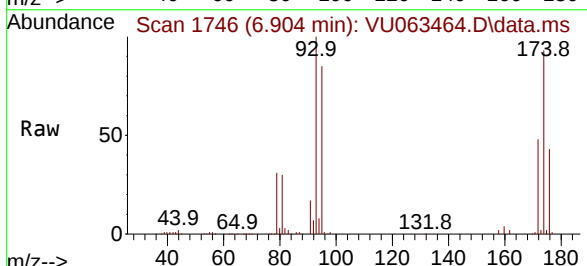
Tgt Ion: 93 Resp: 128060

Ion Ratio Lower Upper

93 100

95 83.0 67.5 101.3

174 91.4 73.1 109.7





#47

Bromodichloromethane

Concen: 86.205 ug/l

RT: 7.094 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063464.D

Acq: 08 Jul 2025 14:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

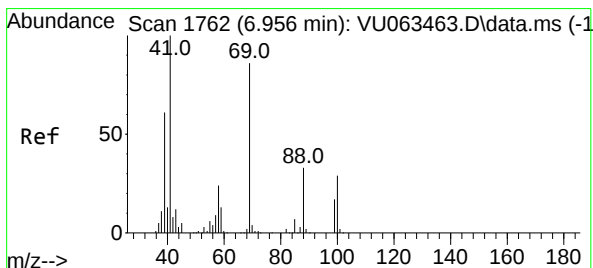
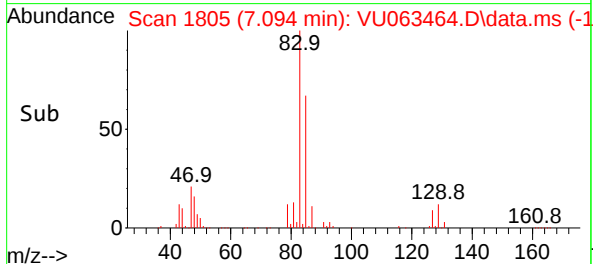
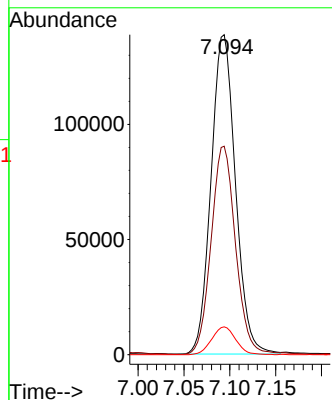
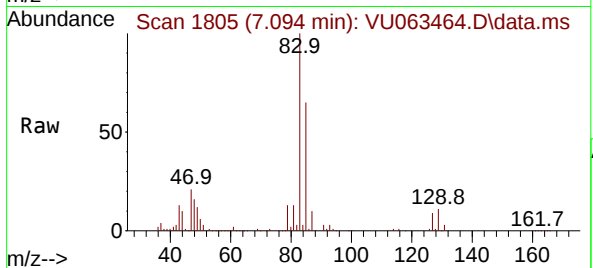
Tgt Ion: 83 Resp: 256442

Ion Ratio Lower Upper

83 100

85 65.2 51.4 77.0

127 8.7 7.0 10.4



#48

Methyl methacrylate

Concen: 94.876 ug/l

RT: 6.952 min Scan# 1761

Delta R.T. -0.003 min

Lab File: VU063464.D

Acq: 08 Jul 2025 14:21

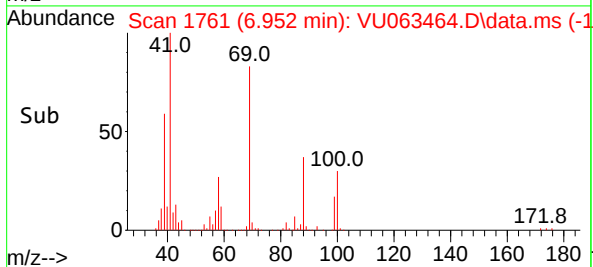
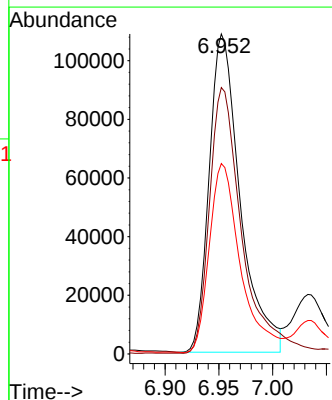
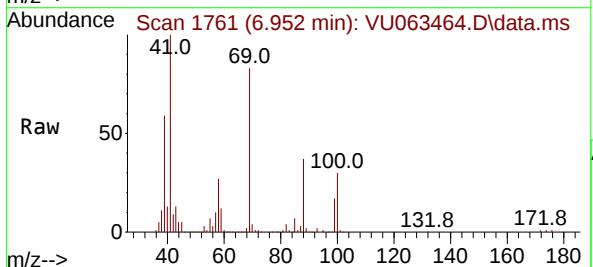
Tgt Ion: 41 Resp: 218467

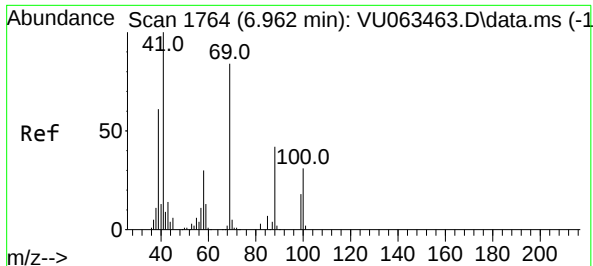
Ion Ratio Lower Upper

41 100

69 86.9 69.8 104.8

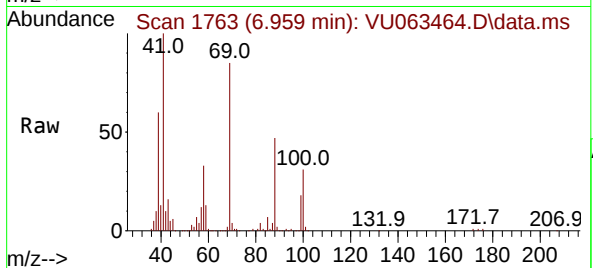
39 59.6 48.3 72.5



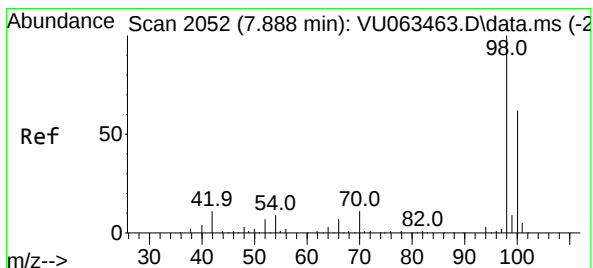
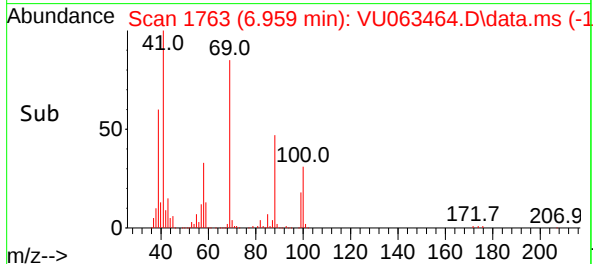
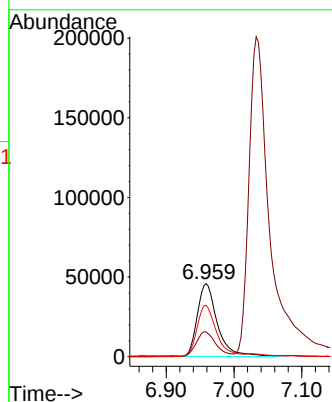


#49
1,4-Dioxane
Concen: 1857.210 ug/l
RT: 6.959 min Scan# 1763
Delta R.T. -0.003 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

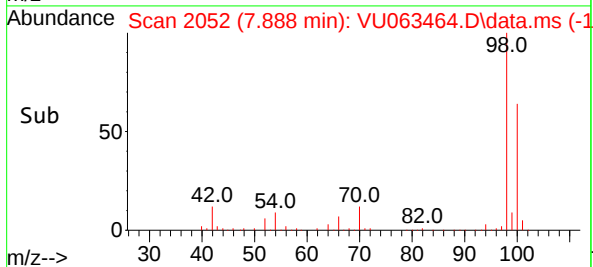
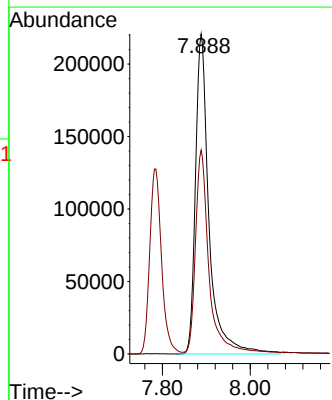
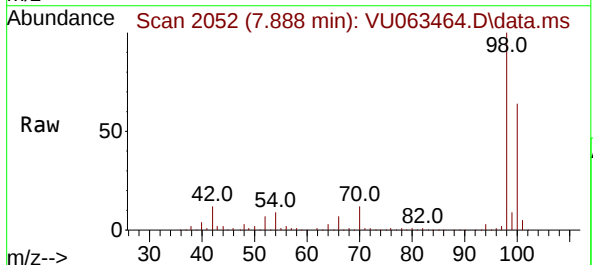


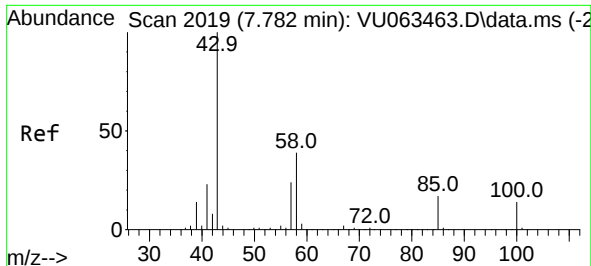
Tgt Ion: 88 Resp: 93843
Ion Ratio Lower Upper
88 100
43 31.7 25.6 38.4
58 68.2 55.0 82.6



#50
Toluene-d8
Concen: 85.148 ug/l
RT: 7.888 min Scan# 2052
Delta R.T. -0.000 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

Tgt Ion: 98 Resp: 473086
Ion Ratio Lower Upper
98 100
100 62.6 48.1 72.1





#51

4-Methyl-2-Pentanone

Concen: 466.426 ug/l

RT: 7.782 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VU063464.D

Acq: 08 Jul 2025 14:21

Instrument :

MSVOA_U

ClientSampleId :

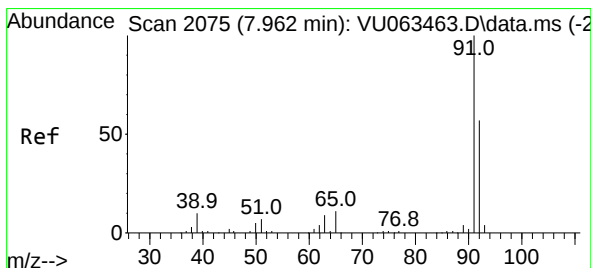
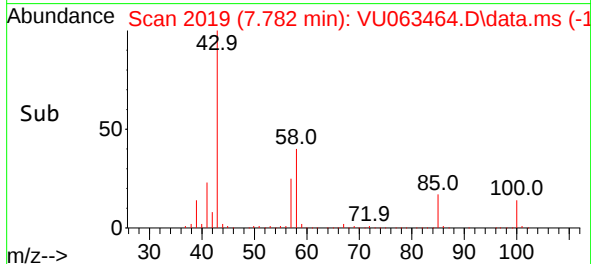
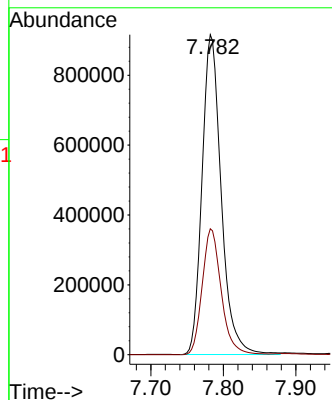
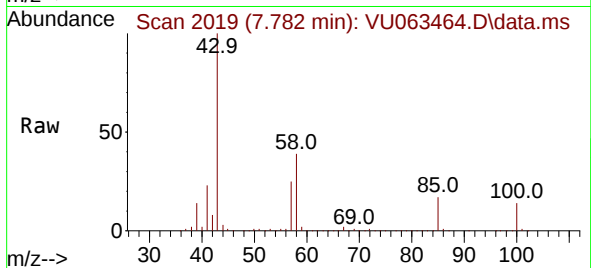
VSTDIC100

Tgt Ion: 43 Resp: 1681919

Ion Ratio Lower Upper

43 100

58 39.1 31.0 46.4



#52

Toluene

Concen: 85.266 ug/l

RT: 7.959 min Scan# 2074

Delta R.T. -0.003 min

Lab File: VU063464.D

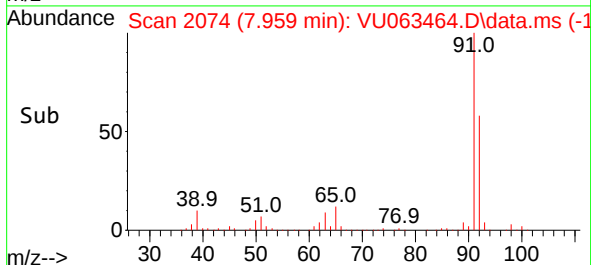
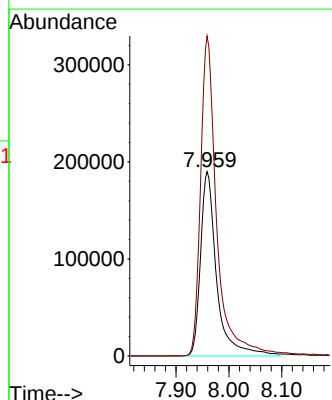
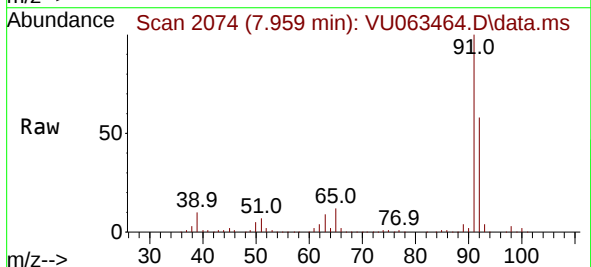
Acq: 08 Jul 2025 14:21

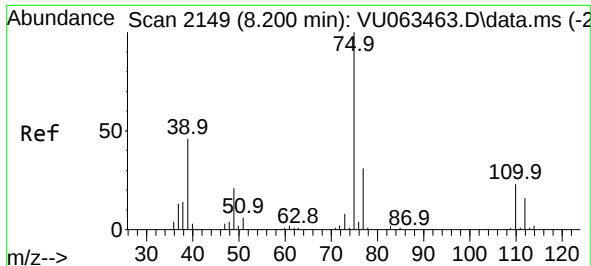
Tgt Ion: 92 Resp: 403391

Ion Ratio Lower Upper

92 100

91 174.5 144.5 216.7





#53

t-1,3-Dichloropropene

Concen: 99.653 ug/l

RT: 8.200 min Scan# 2149

Delta R.T. -0.000 min

Lab File: VU063464.D

Acq: 08 Jul 2025 14:21

Instrument :

MSVOA_U

ClientSampleId :

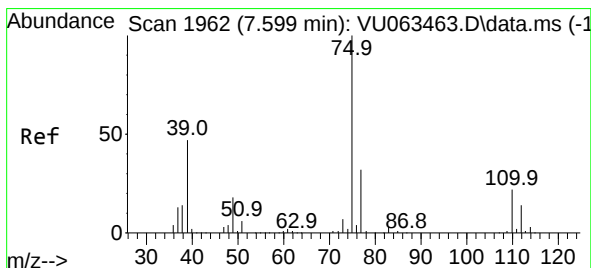
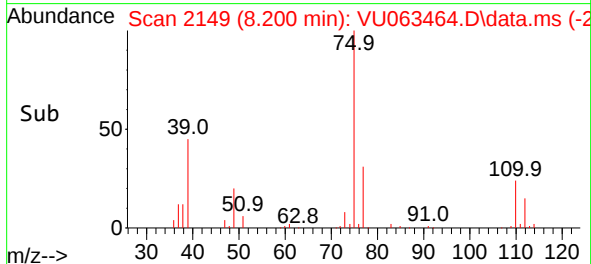
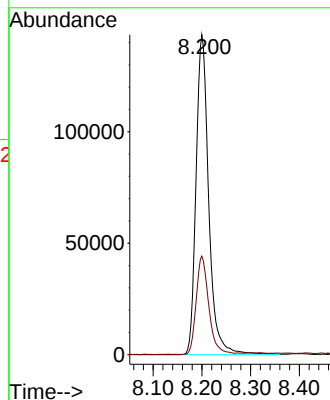
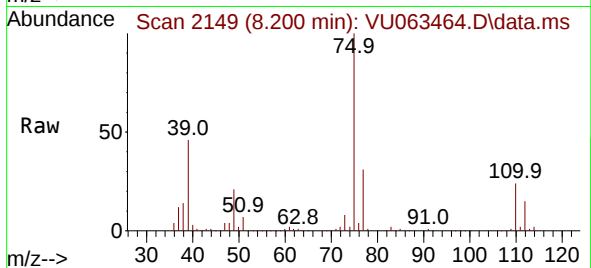
VSTDIC100

Tgt Ion: 75 Resp: 259411

Ion Ratio Lower Upper

75 100

77 30.7 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 94.492 ug/l

RT: 7.595 min Scan# 1961

Delta R.T. -0.003 min

Lab File: VU063464.D

Acq: 08 Jul 2025 14:21

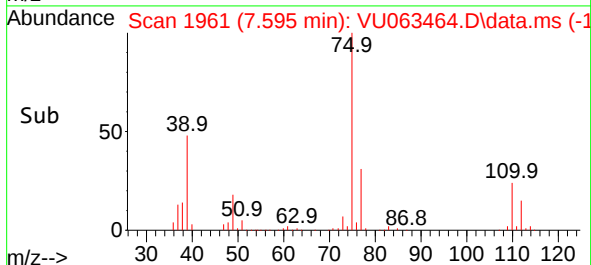
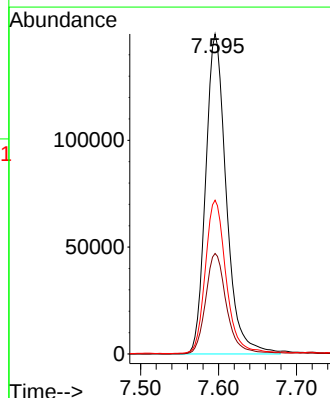
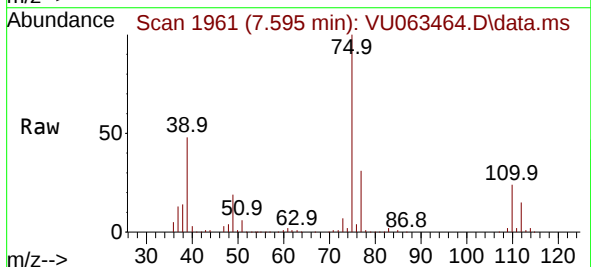
Tgt Ion: 75 Resp: 275357

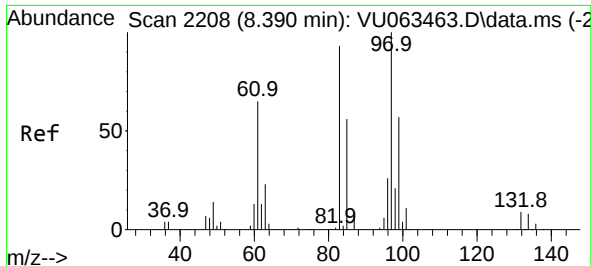
Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0

39 47.8 37.2 55.8

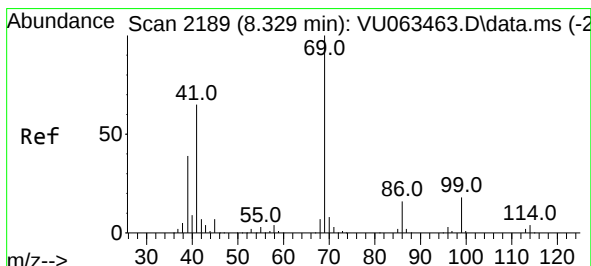
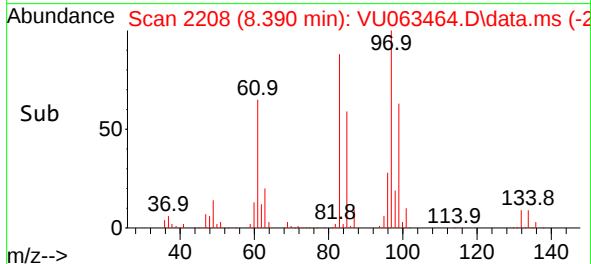
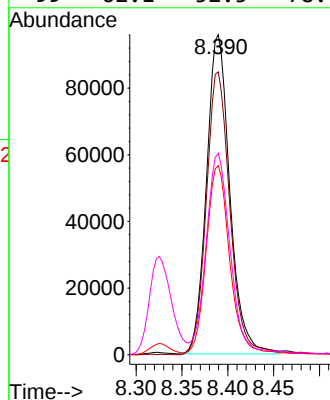
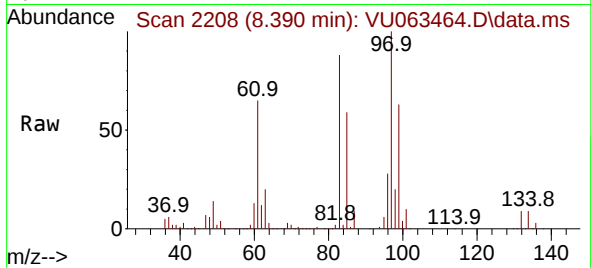




#55
1,1,2-Trichloroethane
Concen: 84.740 ug/l
RT: 8.390 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

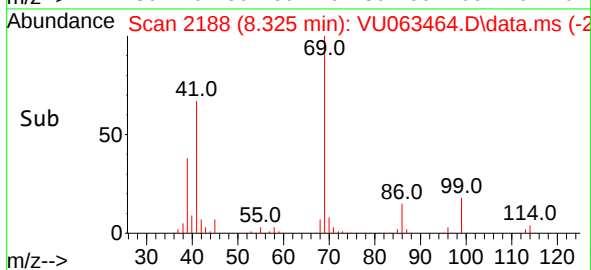
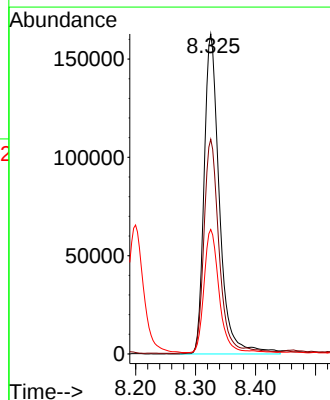
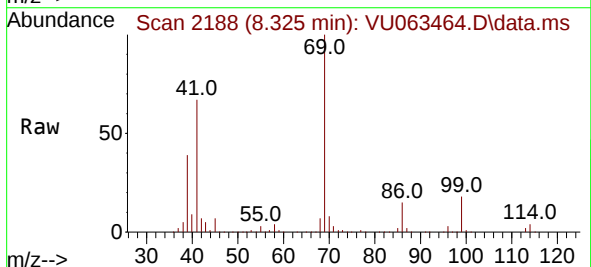
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

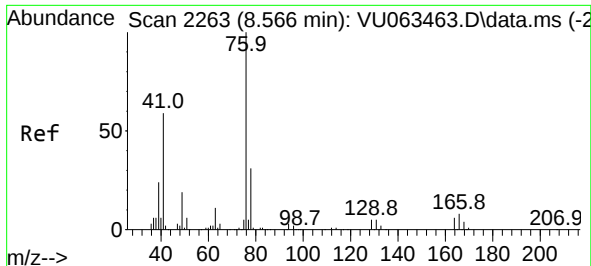
Tgt Ion:	97	Resp:	170257
Ion	Ratio	Lower	Upper
97	100		
83	88.6	74.2	111.4
85	58.6	45.8	68.8
99	62.1	52.5	78.7



#56
Ethyl methacrylate
Concen: 89.629 ug/l
RT: 8.325 min Scan# 2188
Delta R.T. -0.003 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

Tgt Ion:	69	Resp:	290488
Ion	Ratio	Lower	Upper
69	100		
41	64.9	53.0	79.6
39	37.3	31.0	46.4





#57

1,3-Dichloropropane

Concen: 86.915 ug/l

RT: 8.563 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063464.D

Acq: 08 Jul 2025 14:21

Instrument :

MSVOA_U

ClientSampleId :

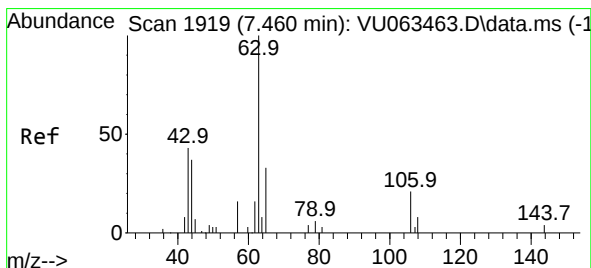
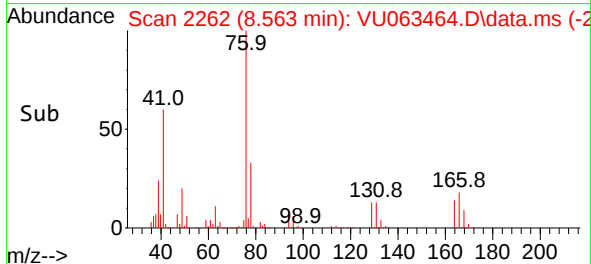
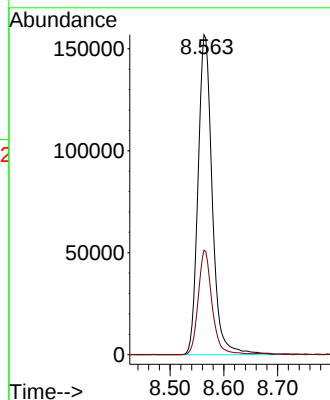
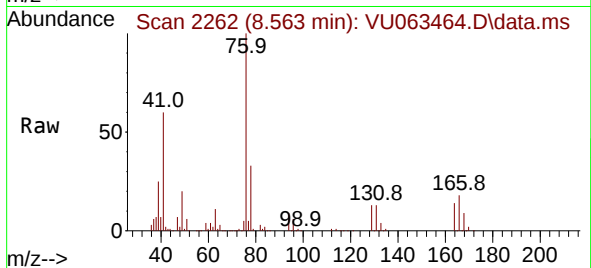
VSTDIC100

Tgt Ion: 76 Resp: 287847

Ion Ratio Lower Upper

76 100

78 31.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 551.723 ug/l

RT: 7.457 min Scan# 1918

Delta R.T. -0.003 min

Lab File: VU063464.D

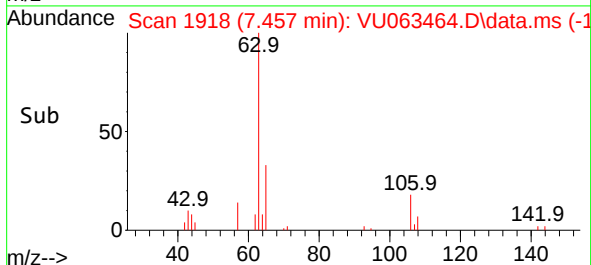
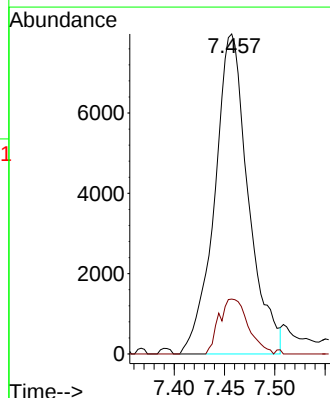
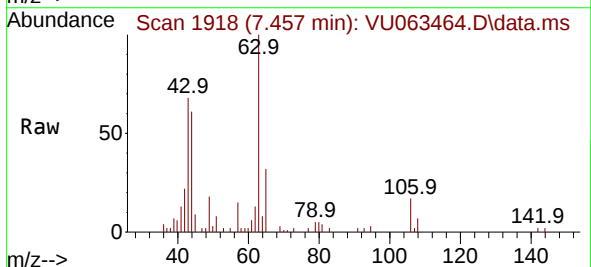
Acq: 08 Jul 2025 14:21

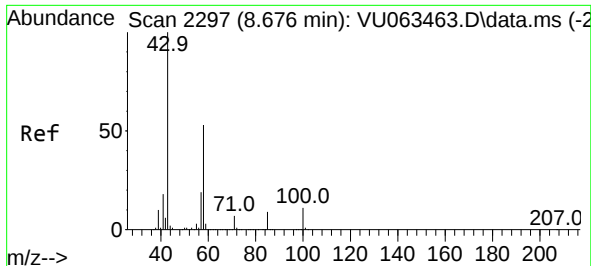
Tgt Ion: 63 Resp: 18568

Ion Ratio Lower Upper

63 100

106 14.8 11.5 17.3

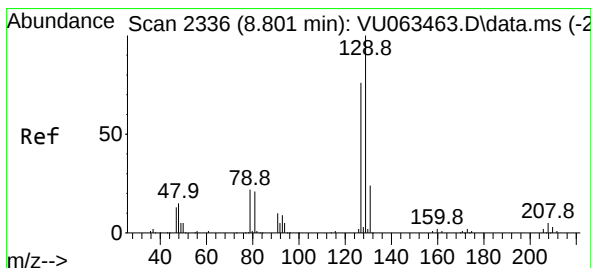
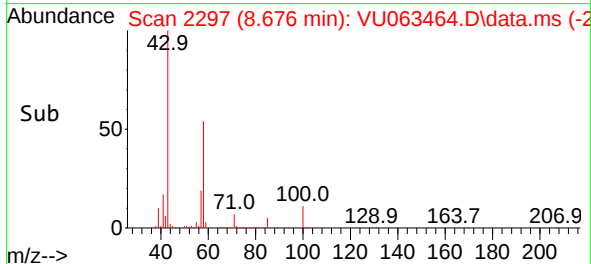
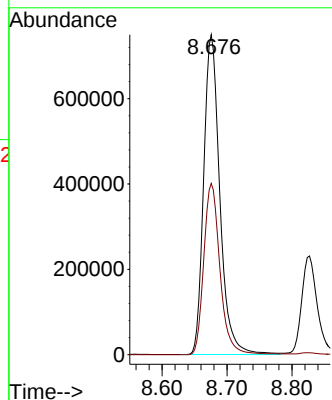
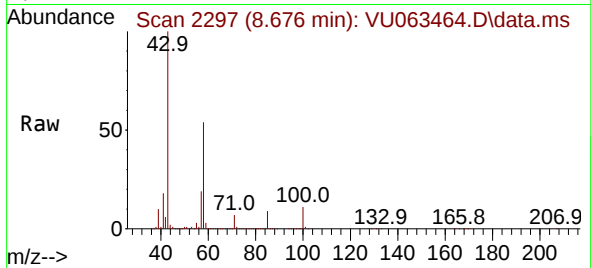




#59
2-Hexanone
Concen: 475.720 ug/l
RT: 8.676 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

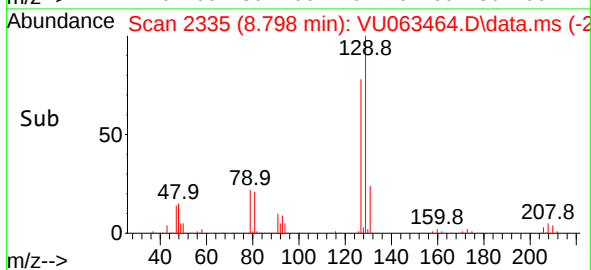
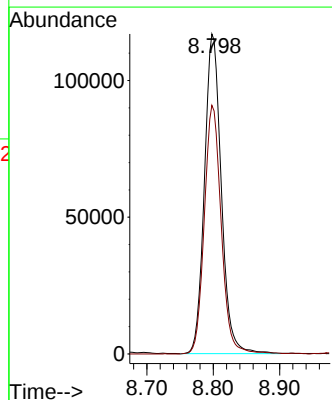
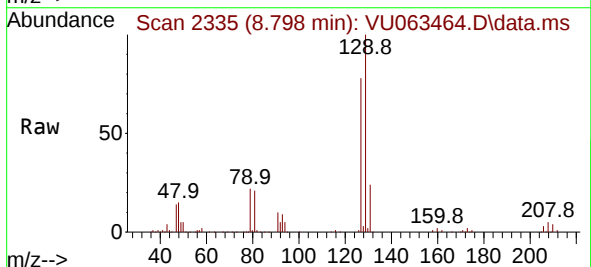
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

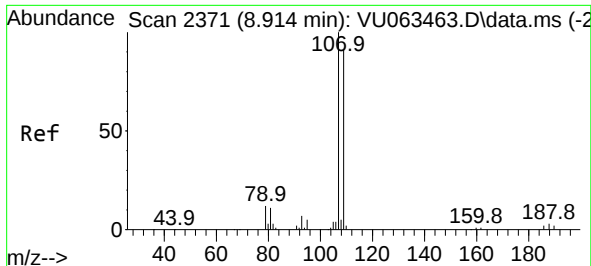
Tgt Ion: 43 Resp: 1297484
Ion Ratio Lower Upper
43 100
58 53.7 26.9 80.7



#60
Dibromochloromethane
Concen: 91.514 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

Tgt Ion: 129 Resp: 205975
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.2

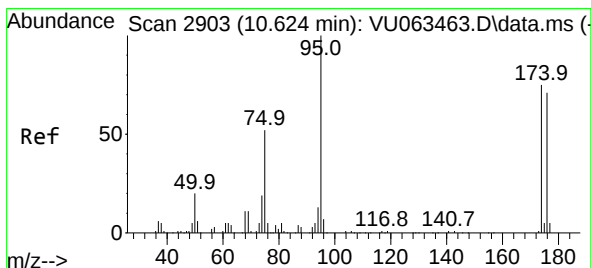
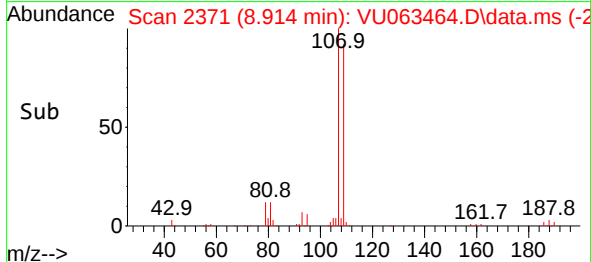
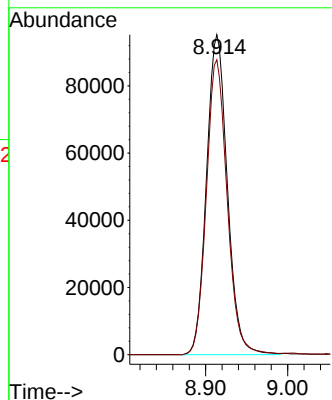
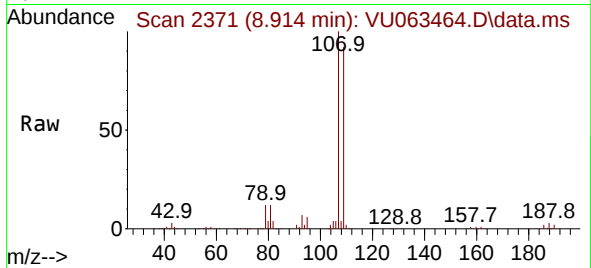




#61
1,2-Dibromoethane
Concen: 85.595 ug/l
RT: 8.914 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

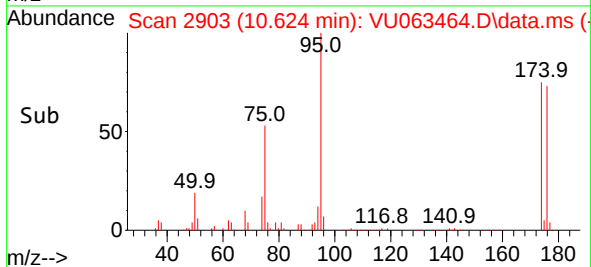
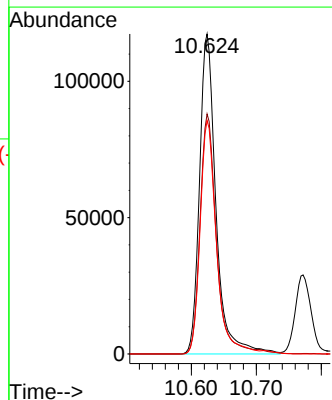
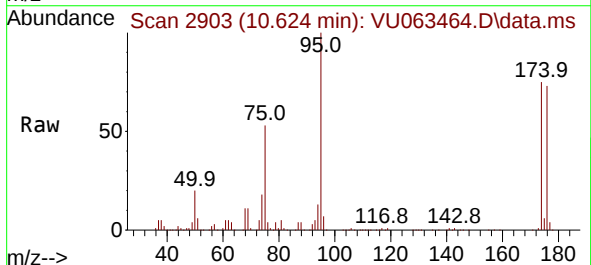
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

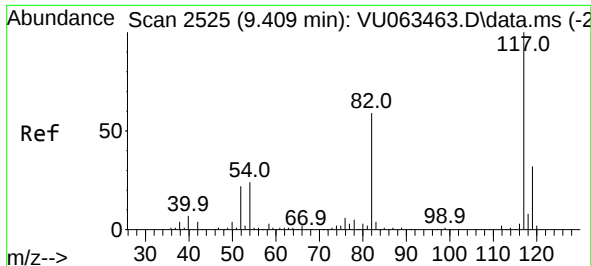
Tgt Ion:107 Resp: 168789
Ion Ratio Lower Upper
107 100
109 92.1 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 85.305 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

Tgt Ion: 95 Resp: 207313
Ion Ratio Lower Upper
95 100
174 75.3 0.0 153.6
176 72.2 0.0 145.8

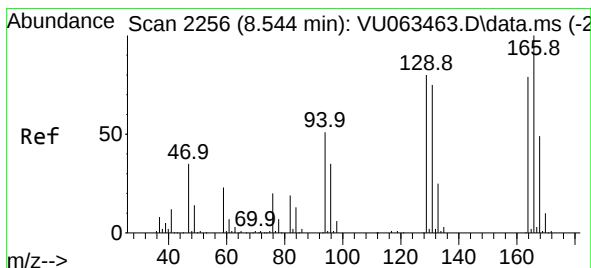
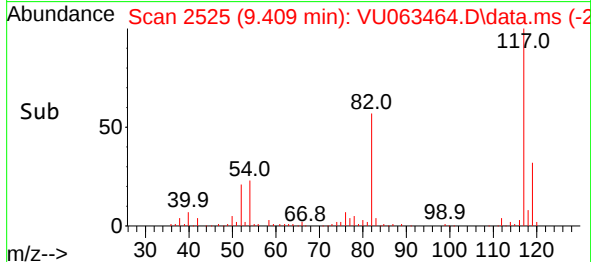
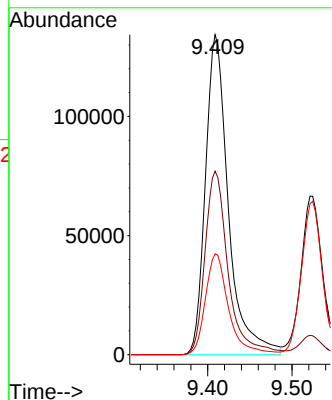
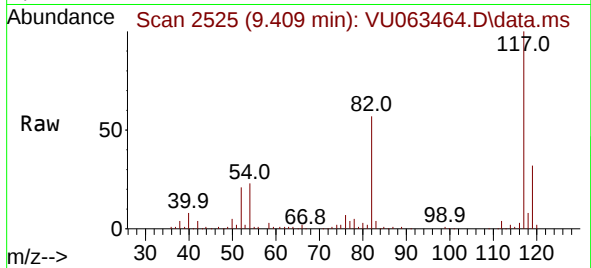




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

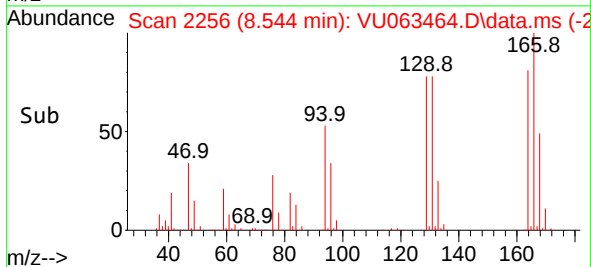
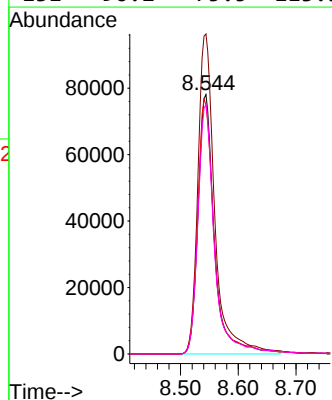
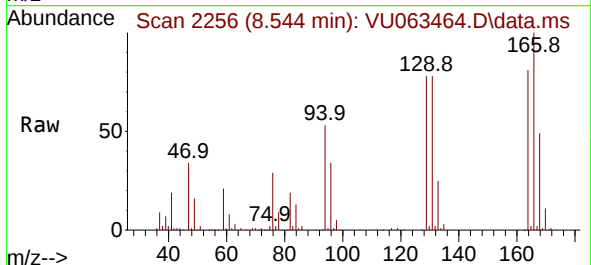
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

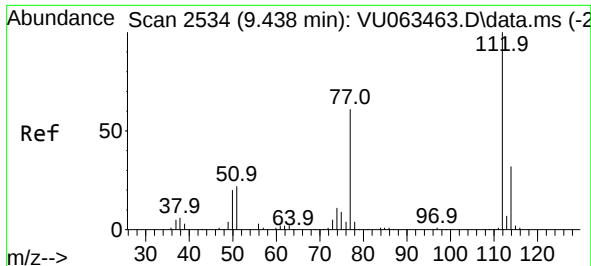
Tgt Ion:117 Resp: 254804
Ion Ratio Lower Upper
117 100
82 57.4 47.1 70.7
119 31.5 25.4 38.0



#64
Tetrachloroethene
Concen: 81.407 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

Tgt Ion:164 Resp: 154415
Ion Ratio Lower Upper
164 100
166 123.4 100.9 151.3
129 96.2 80.9 121.3
131 96.2 75.5 113.3

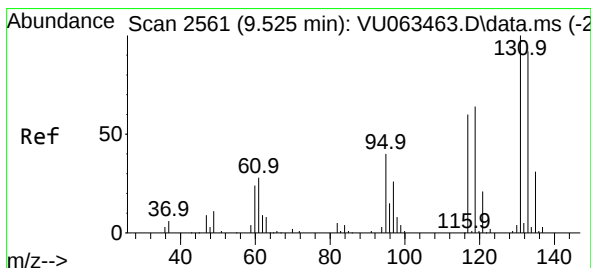
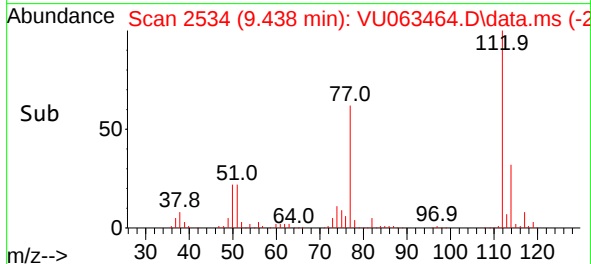
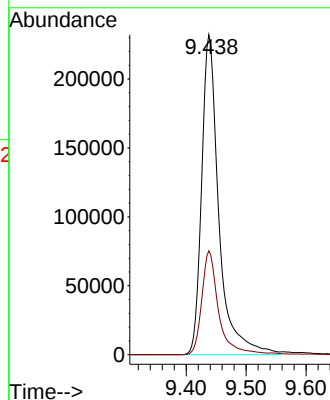
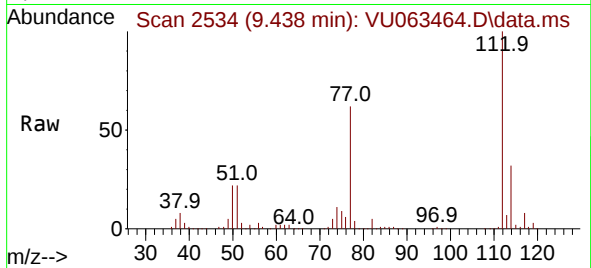




#65
Chlorobenzene
Concen: 87.632 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

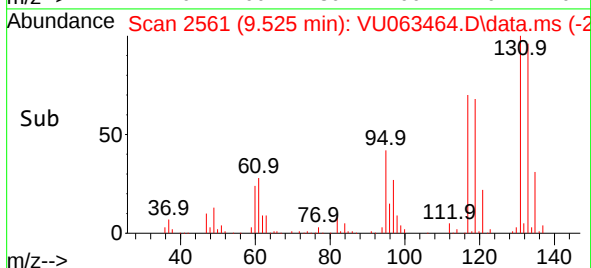
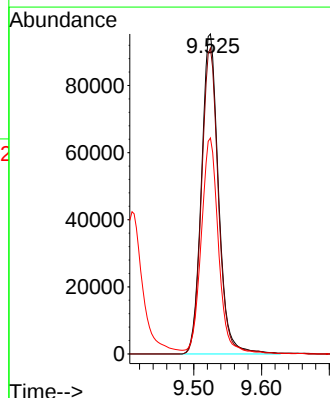
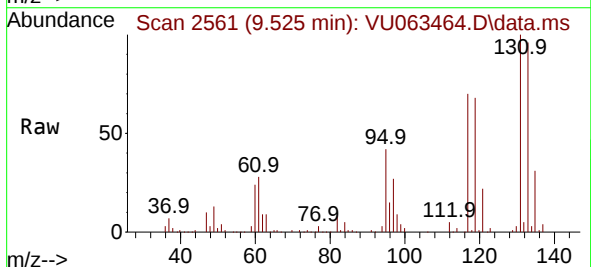
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

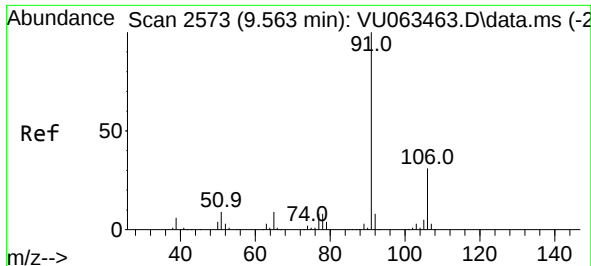
Tgt Ion:112 Resp: 464557
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 91.867 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

Tgt Ion:131 Resp: 167019
Ion Ratio Lower Upper
131 100
133 94.6 46.4 139.2
119 67.7 33.3 99.9





#67

Ethyl Benzene

Concen: 87.185 ug/l

RT: 9.560 min Scan# 2

Delta R.T. -0.003 min

Lab File: VU063464.D

Acq: 08 Jul 2025 14:21

Instrument :

MSVOA_U

ClientSampleId :

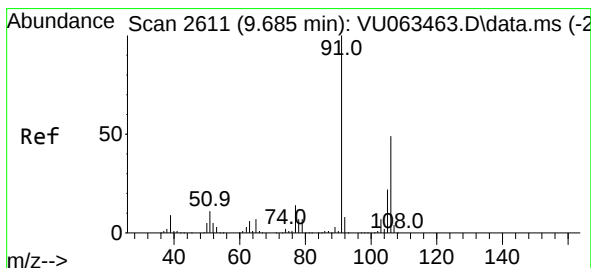
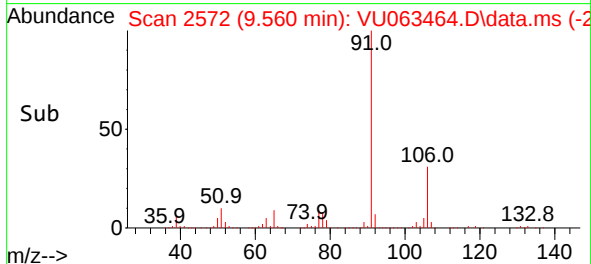
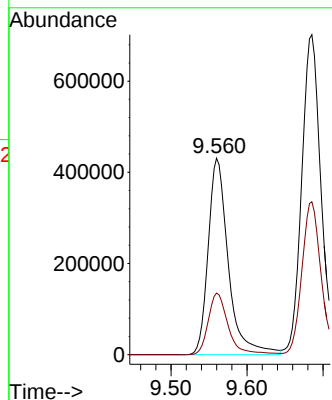
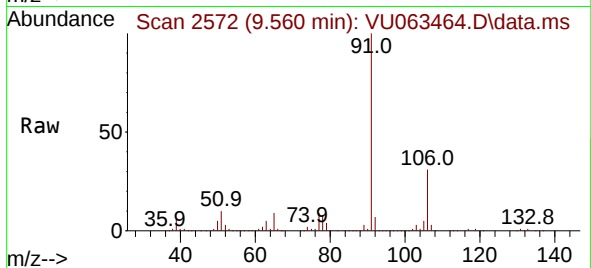
VSTDIC100

Tgt Ion: 91 Resp: 794354

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 175.669 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU063464.D

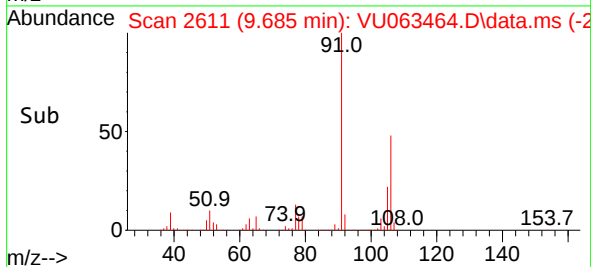
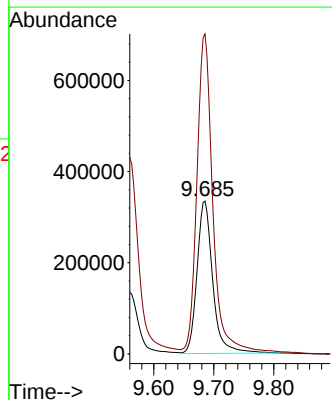
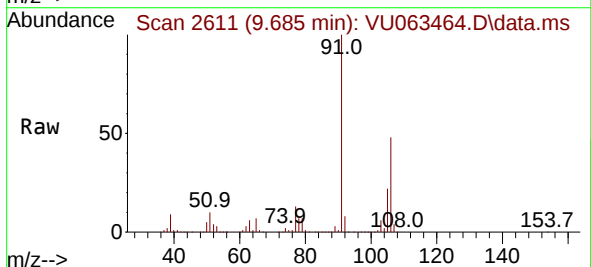
Acq: 08 Jul 2025 14:21

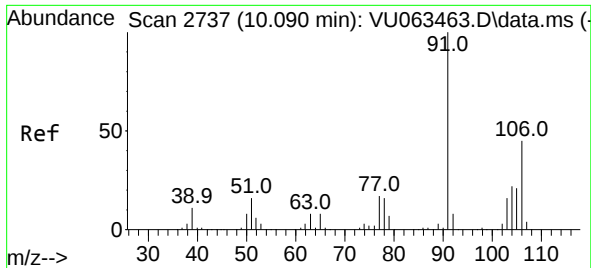
Tgt Ion:106 Resp: 610840

Ion Ratio Lower Upper

106 100

91 216.7 163.6 245.4

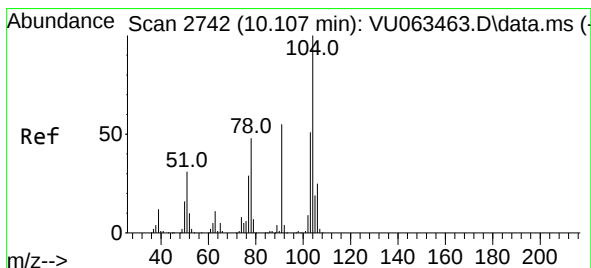
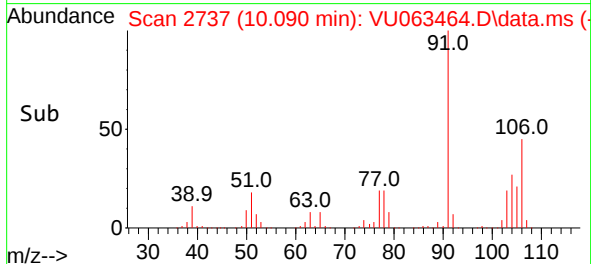
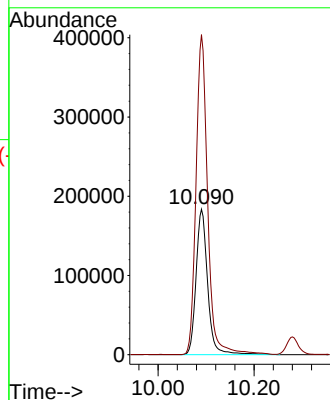
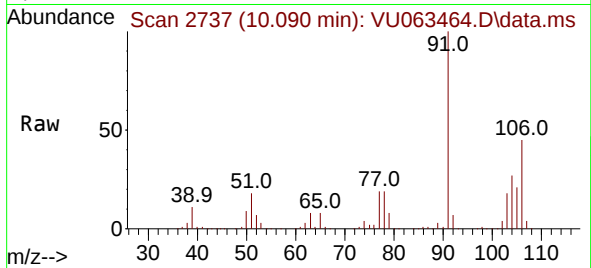




#69
o-Xylene
Concen: 87.244 ug/l
RT: 10.090 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

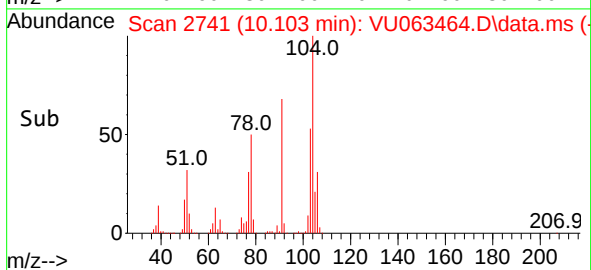
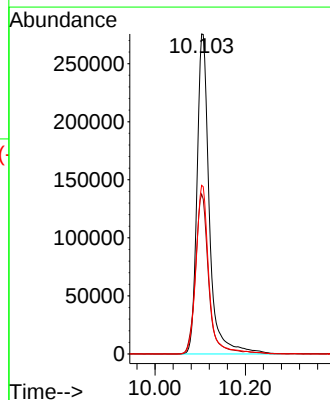
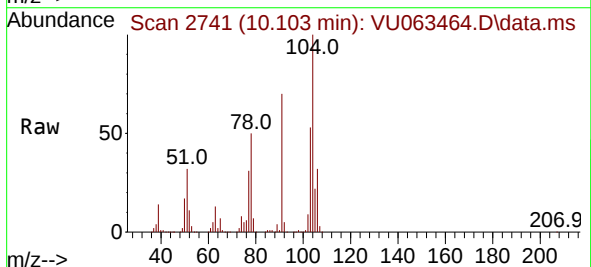
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

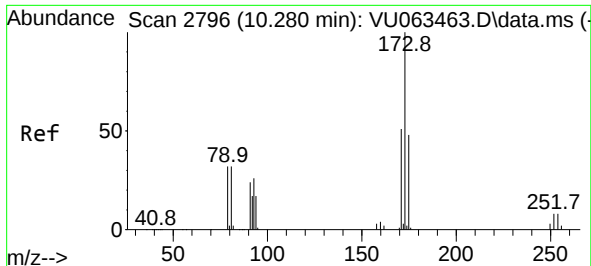
Tgt Ion:106 Resp: 308430
Ion Ratio Lower Upper
106 100
91 219.9 110.7 331.9



#70
Styrene
Concen: 92.834 ug/l
RT: 10.103 min Scan# 2741
Delta R.T. -0.003 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

Tgt Ion:104 Resp: 521837
Ion Ratio Lower Upper
104 100
78 52.6 41.4 62.0
103 55.5 44.3 66.5

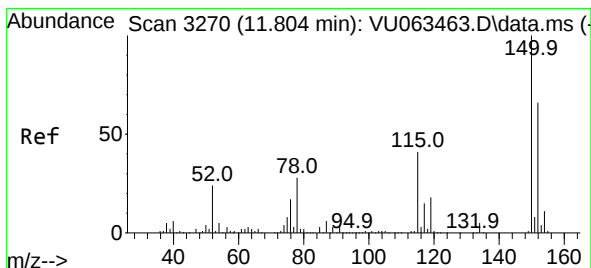
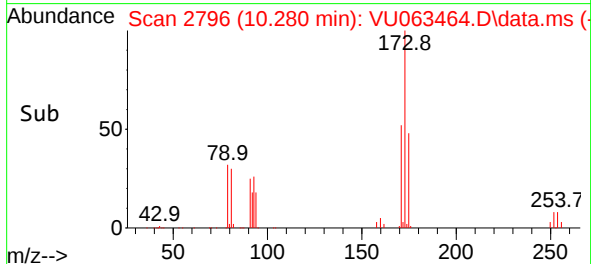
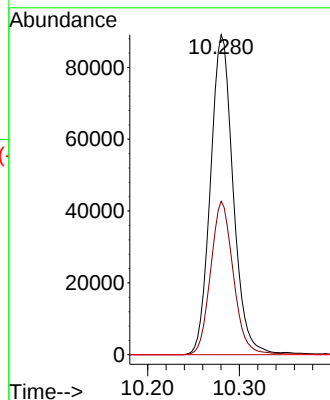
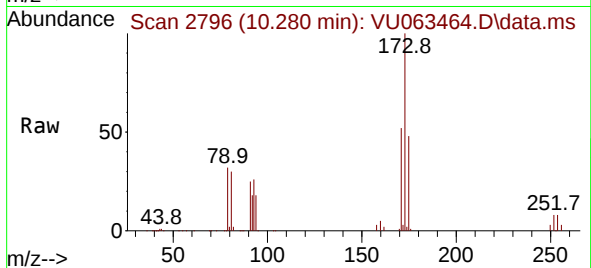




#71
Bromoform
Concen: 96.597 ug/l
RT: 10.280 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

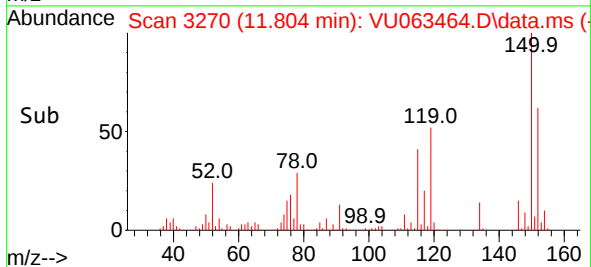
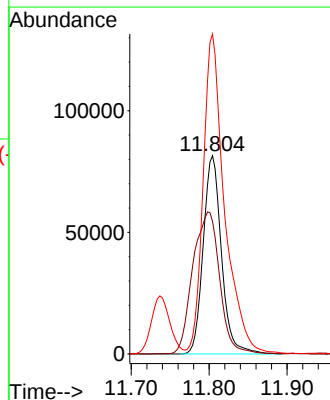
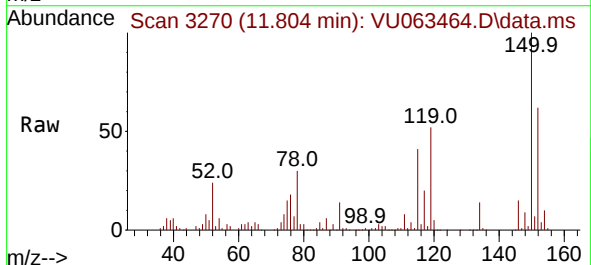
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

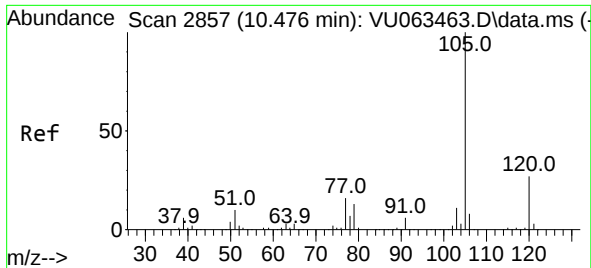
Tgt Ion:173 Resp: 153072
Ion Ratio Lower Upper
173 100
175 47.9 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.804 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

Tgt Ion:152 Resp: 132823
Ion Ratio Lower Upper
152 100
115 105.0 43.4 130.2
150 188.2 0.0 341.4

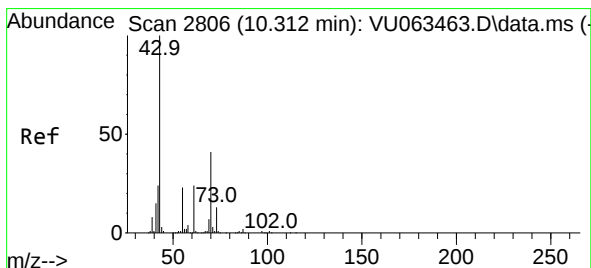
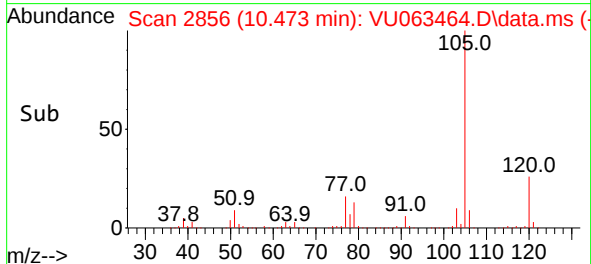
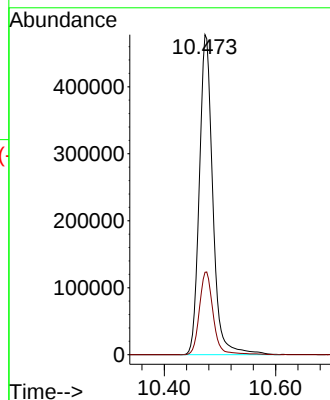
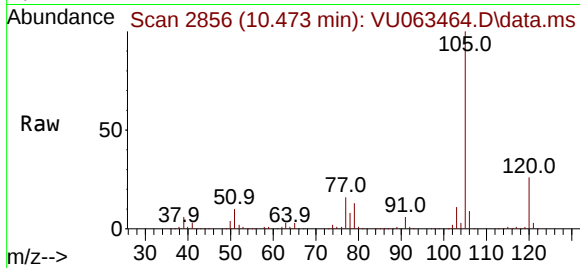




#73
Isopropylbenzene
Concen: 88.743 ug/l
RT: 10.473 min Scan# 2856
Delta R.T. -0.003 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

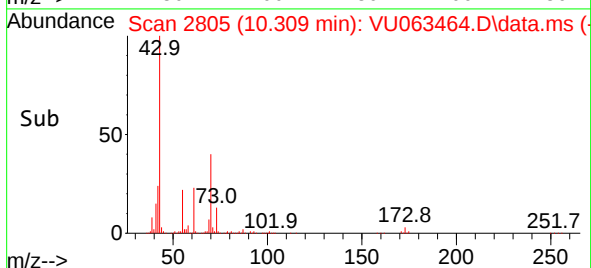
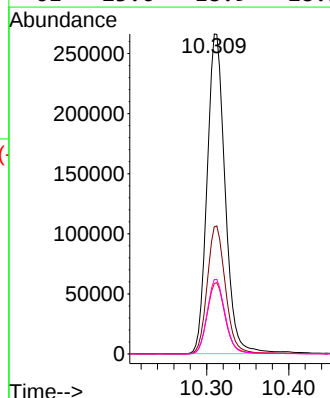
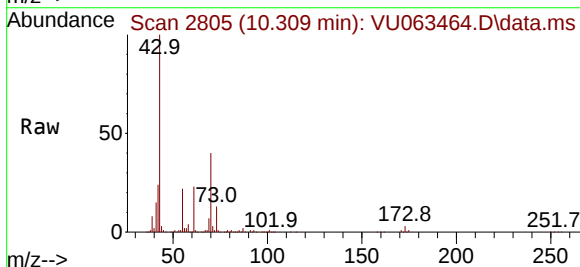
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

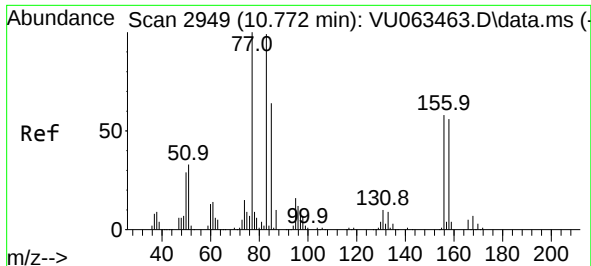
Tgt Ion:105 Resp: 802031
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1



#74
N-ethyl acetate
Concen: 99.962 ug/l
RT: 10.309 min Scan# 2805
Delta R.T. -0.003 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

Tgt Ion: 43 Resp: 405146
Ion Ratio Lower Upper
43 100
70 40.6 32.6 48.8
55 22.5 18.6 27.8
61 23.6 18.9 28.3

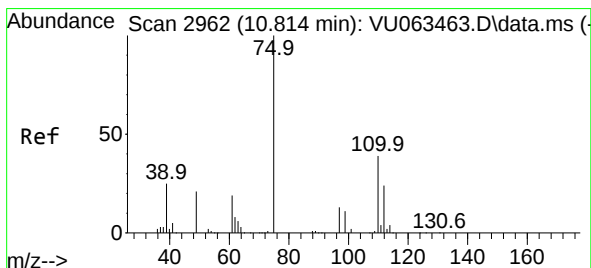
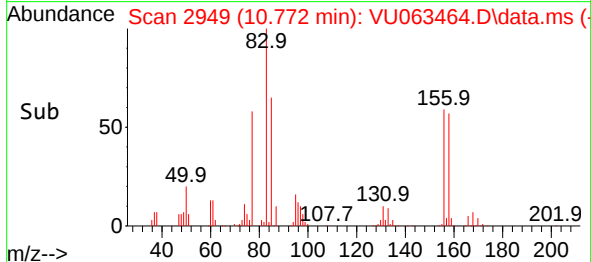
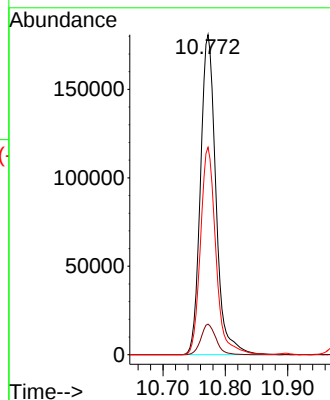
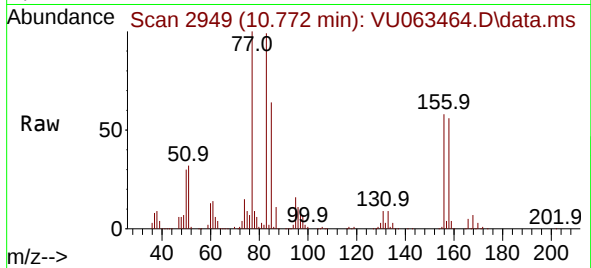




#75
 1,1,2,2-Tetrachloroethane
 Concen: 93.631 ug/l
 RT: 10.772 min Scan# 2949
 Delta R.T. -0.000 min
 Lab File: VU063464.D
 Acq: 08 Jul 2025 14:21

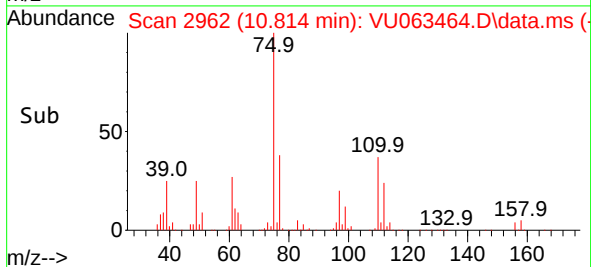
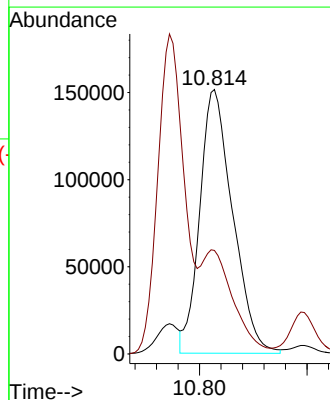
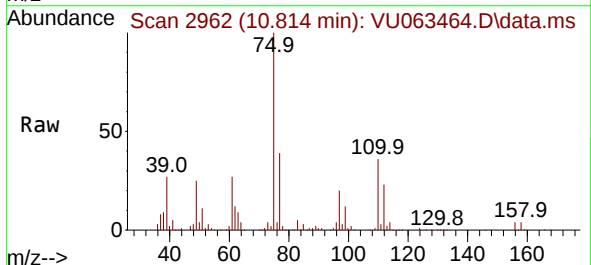
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

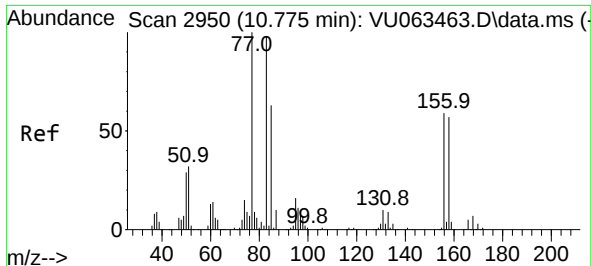
Tgt Ion: 83 Resp: 311484
 Ion Ratio Lower Upper
 83 100
 131 9.3 4.8 14.3
 85 64.6 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 91.386 ug/l
 RT: 10.814 min Scan# 2962
 Delta R.T. -0.000 min
 Lab File: VU063464.D
 Acq: 08 Jul 2025 14:21

Tgt Ion: 75 Resp: 321639
 Ion Ratio Lower Upper
 75 100
 77 0.0 3.1 9.4#

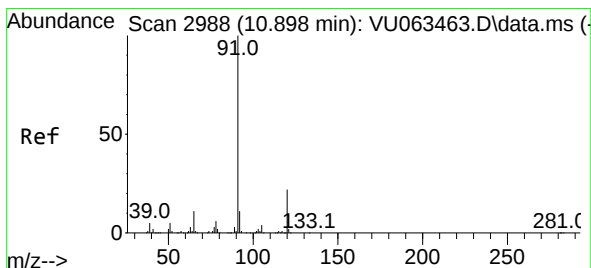
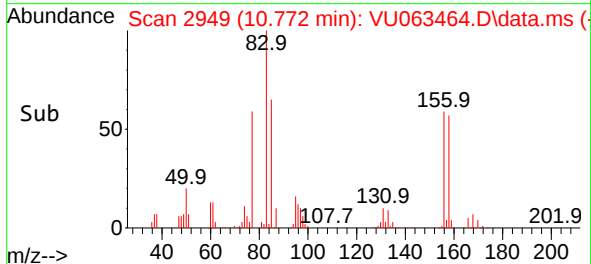
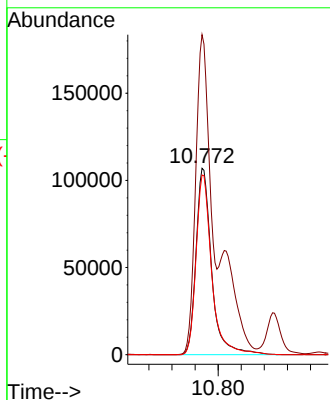
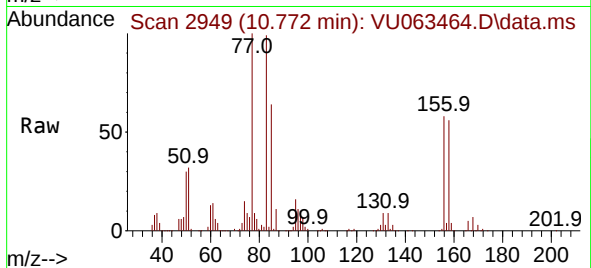




#77
Bromobenzene
Concen: 90.729 ug/l
RT: 10.772 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

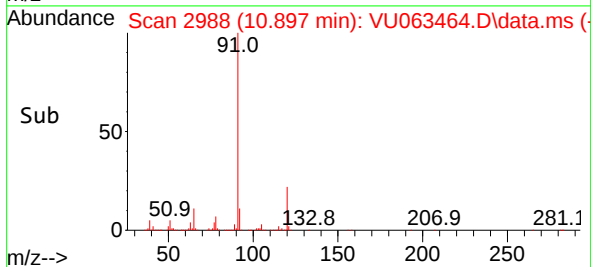
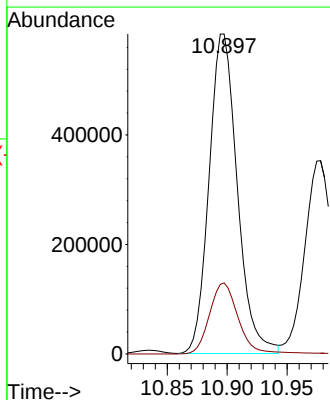
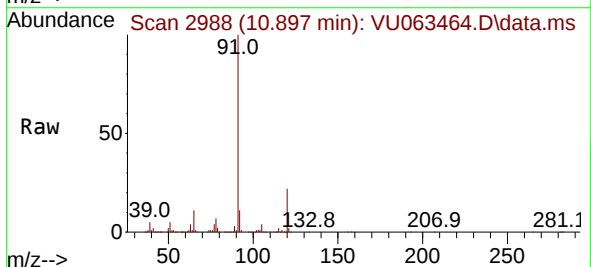
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

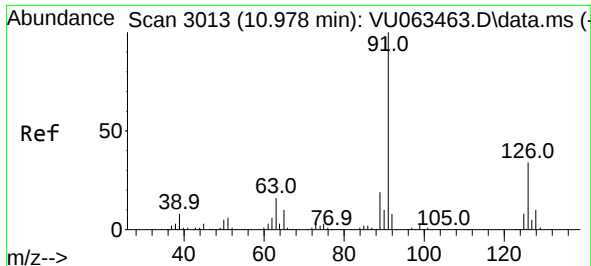
Tgt Ion:156 Resp: 200996
Ion Ratio Lower Upper
156 100
77 157.3 78.2 234.6
158 96.9 46.8 140.4



#78
n-propylbenzene
Concen: 91.013 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

Tgt Ion: 91 Resp: 953929
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4

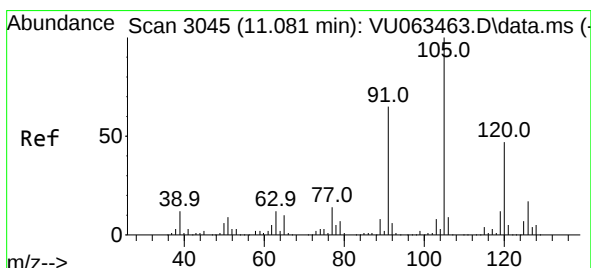
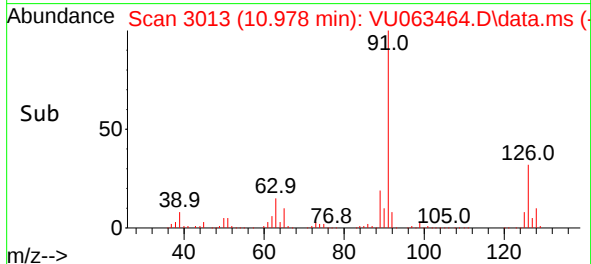
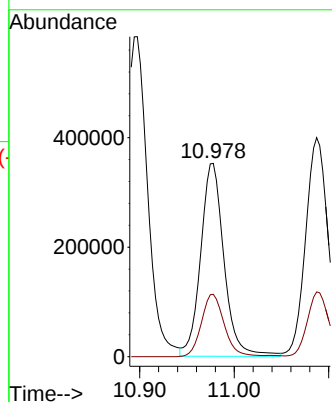
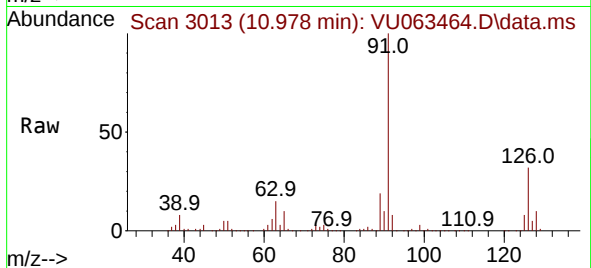




#79
2-Chlorotoluene
Concen: 91.917 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

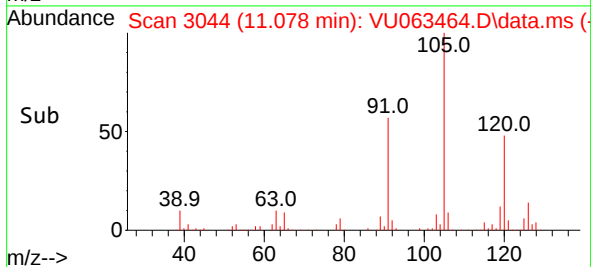
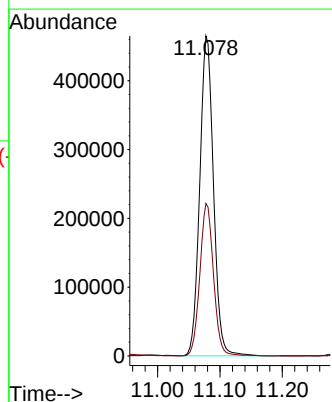
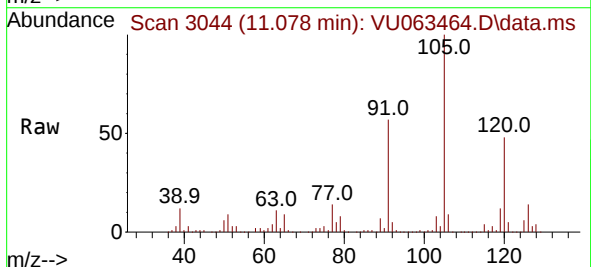
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

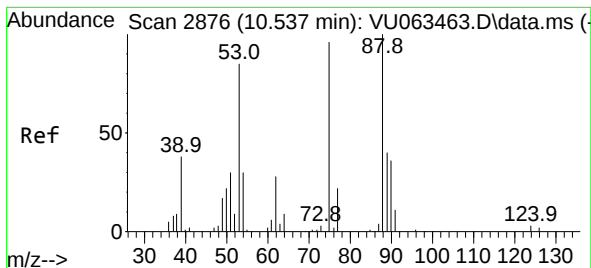
Tgt Ion: 91 Resp: 604210
Ion Ratio Lower Upper
91 100
126 31.7 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 89.897 ug/l
RT: 11.078 min Scan# 3044
Delta R.T. -0.003 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

Tgt Ion: 105 Resp: 710622
Ion Ratio Lower Upper
105 100
120 47.6 23.4 70.2

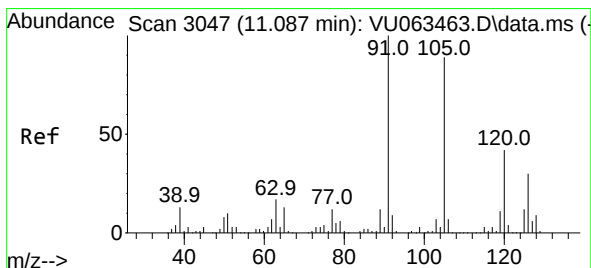
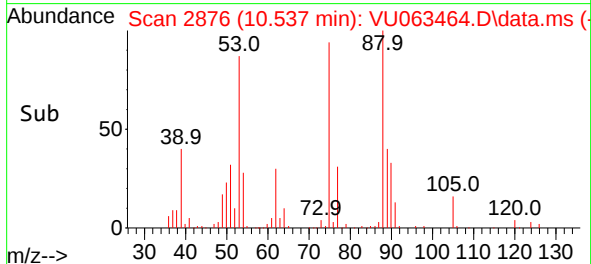
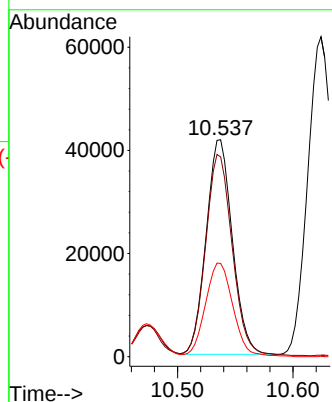
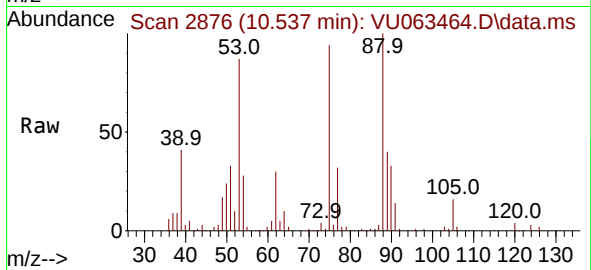




#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.833 ug/l
 RT: 10.537 min Scan# 2876
 Delta R.T. -0.000 min
 Lab File: VU063464.D
 Acq: 08 Jul 2025 14:21

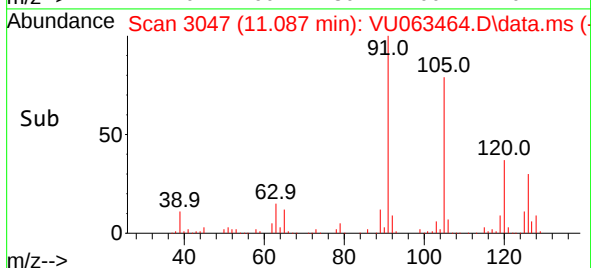
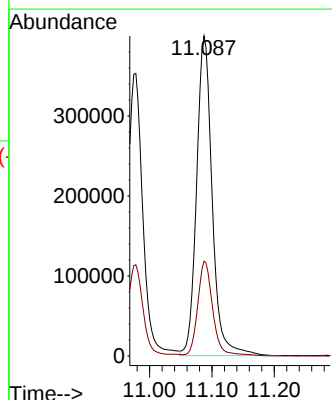
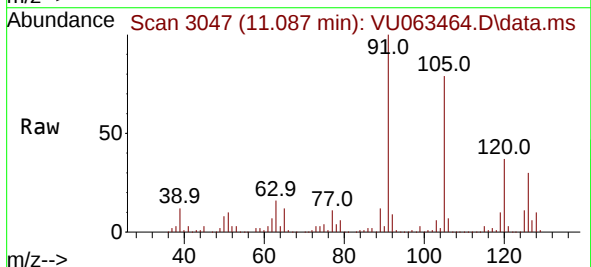
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

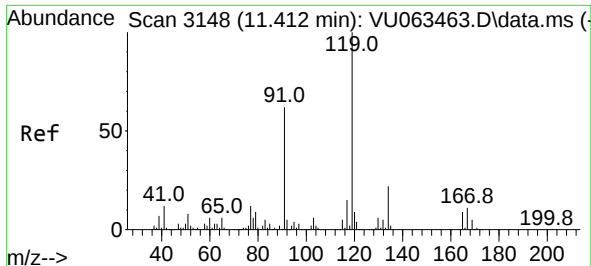
Tgt Ion: 75 Resp: 65510
 Ion Ratio Lower Upper
 75 100
 53 95.9 74.6 111.8
 89 46.1 36.3 54.5



#82
 4-Chlorotoluene
 Concen: 93.290 ug/l
 RT: 11.087 min Scan# 3047
 Delta R.T. -0.000 min
 Lab File: VU063464.D
 Acq: 08 Jul 2025 14:21

Tgt Ion: 91 Resp: 696195
 Ion Ratio Lower Upper
 91 100
 126 28.5 14.4 43.2

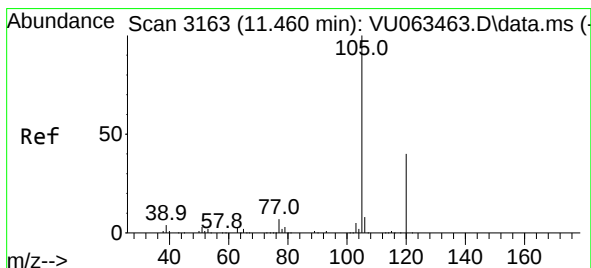
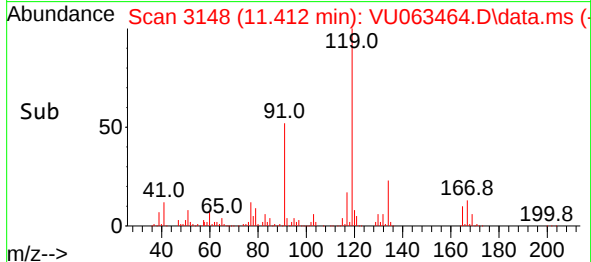
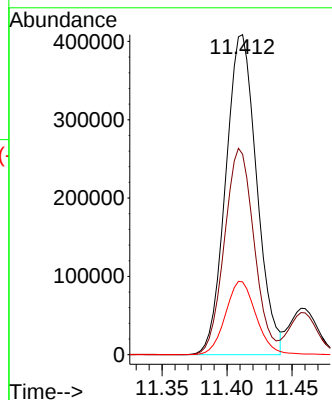
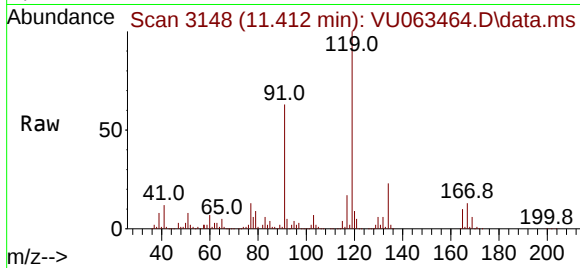




#83
 tert-Butylbenzene
 Concen: 89.569 ug/l
 RT: 11.412 min Scan# 3148
 Delta R.T. -0.000 min
 Lab File: VU063464.D
 Acq: 08 Jul 2025 14:21

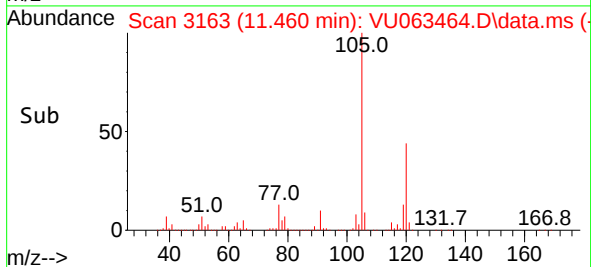
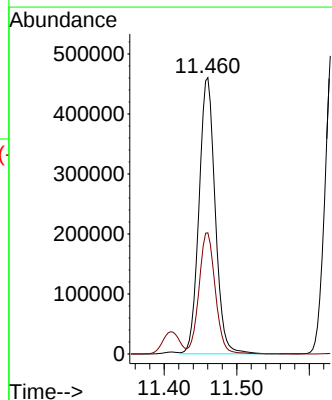
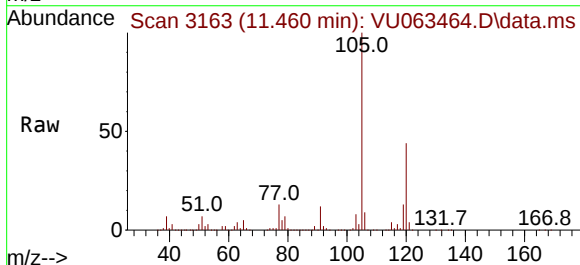
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

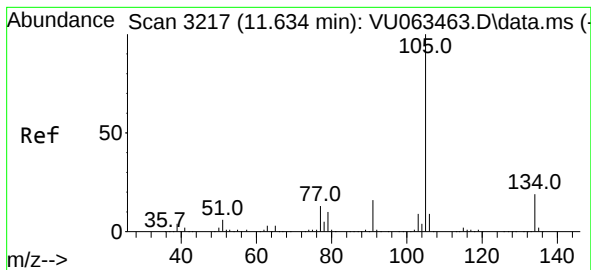
Tgt Ion:119 Resp: 679000
 Ion Ratio Lower Upper
 119 100
 91 61.4 30.3 91.0
 134 22.7 11.2 33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 91.694 ug/l
 RT: 11.460 min Scan# 3163
 Delta R.T. -0.000 min
 Lab File: VU063464.D
 Acq: 08 Jul 2025 14:21

Tgt Ion:105 Resp: 711774
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.1 66.3

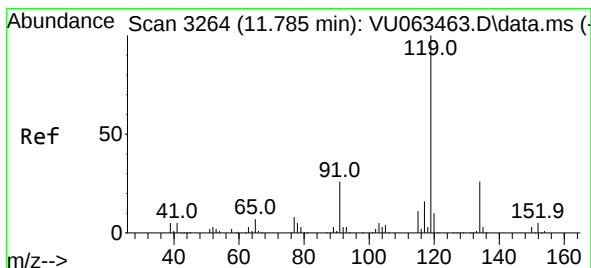
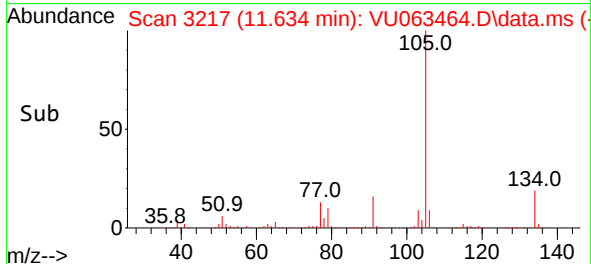
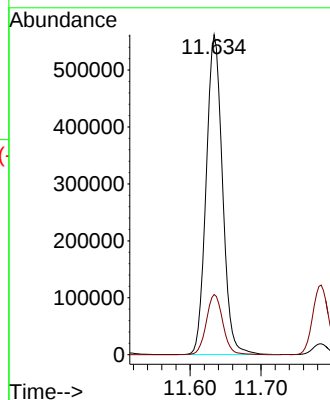
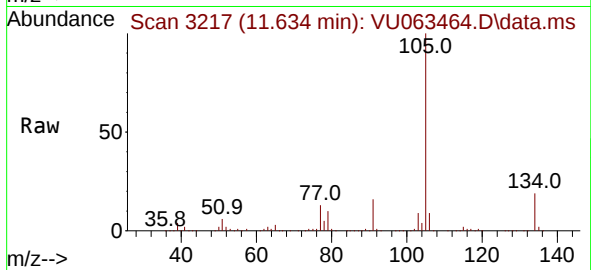




#85
sec-Butylbenzene
Concen: 89.523 ug/l
RT: 11.634 min Scan# 3217
Delta R.T. -0.000 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

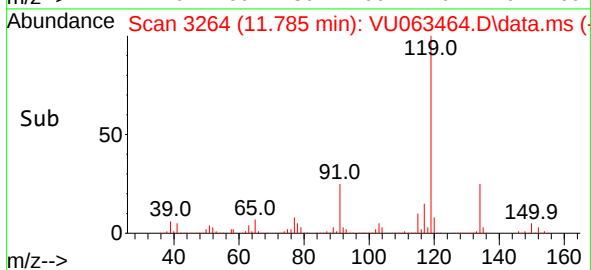
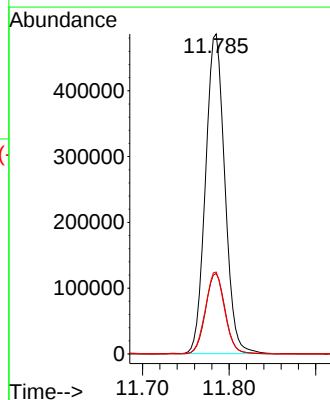
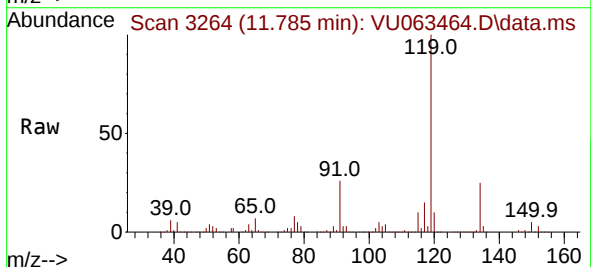
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

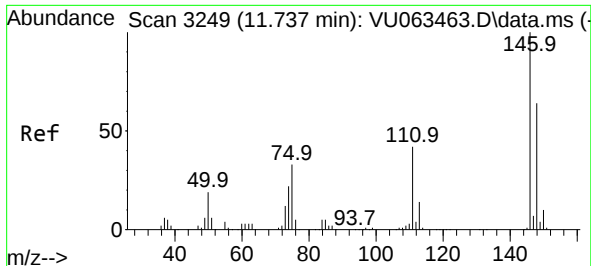
Tgt Ion:105 Resp: 895518
Ion Ratio Lower Upper
105 100
134 19.2 9.7 29.1



#86
p-Isopropyltoluene
Concen: 92.630 ug/l
RT: 11.785 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

Tgt Ion:119 Resp: 751724
Ion Ratio Lower Upper
119 100
134 25.6 13.0 38.9
91 25.7 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 90.365 ug/l

RT: 11.737 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU063464.D

Acq: 08 Jul 2025 14:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

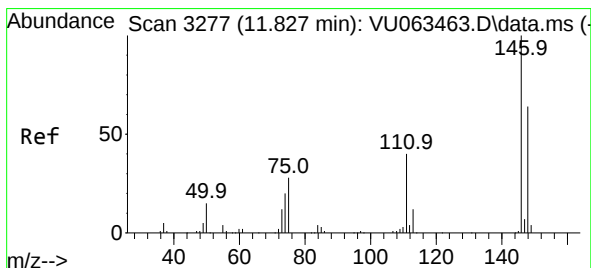
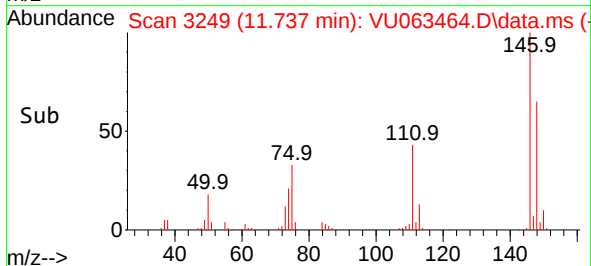
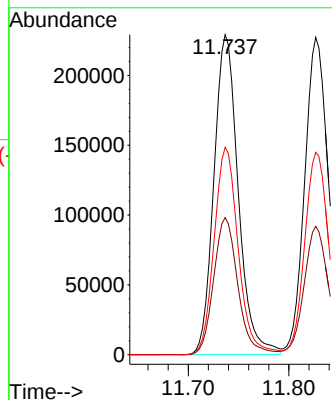
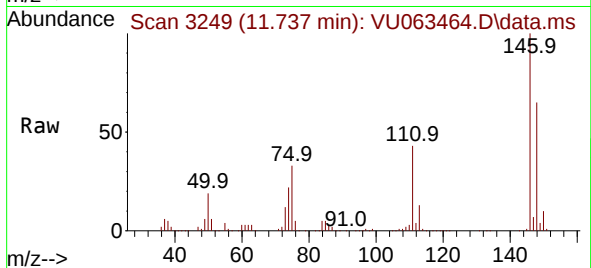
Tgt Ion:146 Resp: 385767

Ion Ratio Lower Upper

146 100

111 42.6 20.9 62.7

148 64.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 89.442 ug/l

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU063464.D

Acq: 08 Jul 2025 14:21

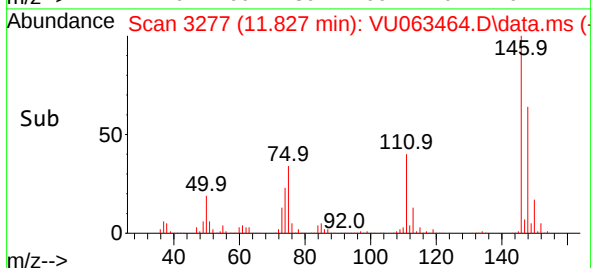
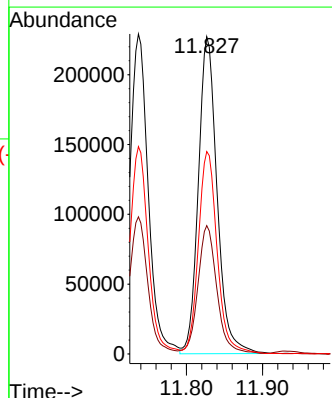
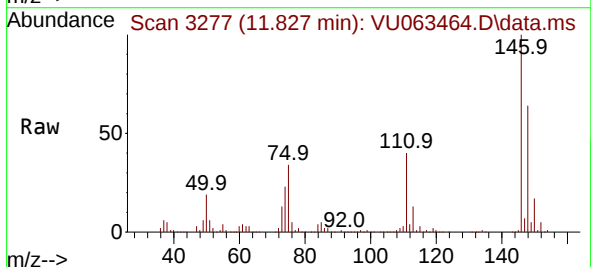
Tgt Ion:146 Resp: 388861

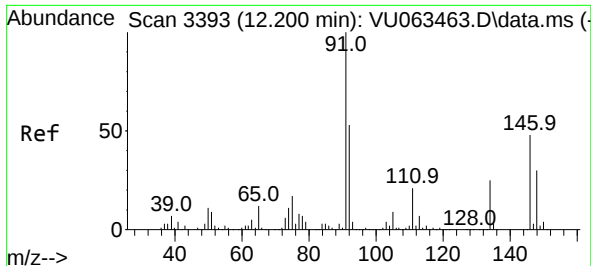
Ion Ratio Lower Upper

146 100

111 41.2 20.8 62.4

148 63.9 31.9 95.9





#89

n-Butylbenzene

Concen: 96.586 ug/l

RT: 12.200 min Scan# 3393

Delta R.T. -0.000 min

Lab File: VU063464.D

Acq: 08 Jul 2025 14:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

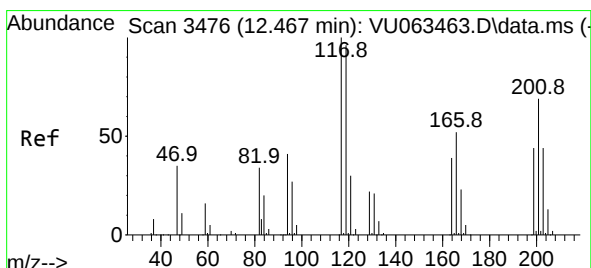
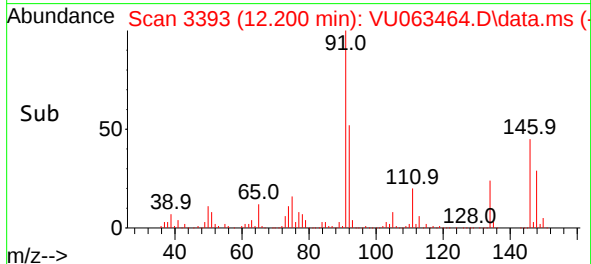
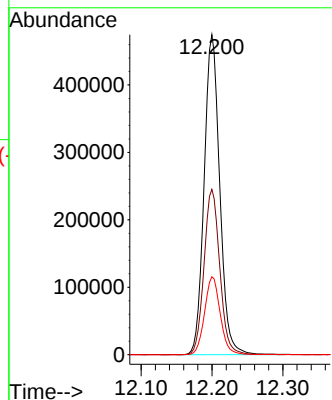
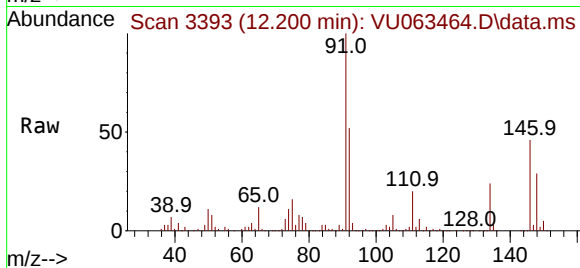
Tgt Ion: 91 Resp: 725461

Ion Ratio Lower Upper

91 100

92 52.2 26.4 79.2

134 24.4 12.4 37.0



#90

Hexachloroethane

Concen: 97.401 ug/l

RT: 12.467 min Scan# 3476

Delta R.T. -0.000 min

Lab File: VU063464.D

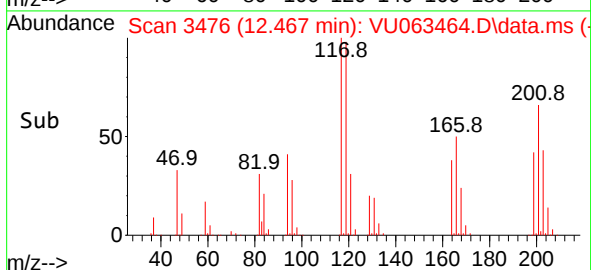
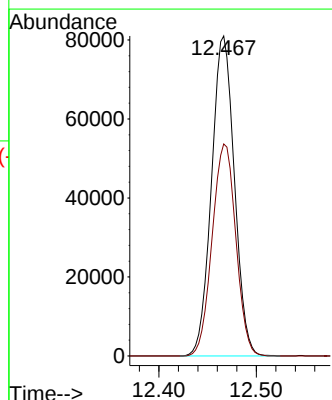
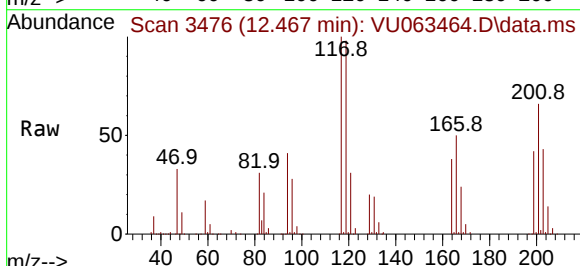
Acq: 08 Jul 2025 14:21

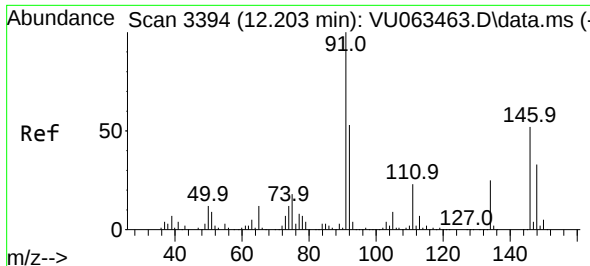
Tgt Ion: 117 Resp: 132203

Ion Ratio Lower Upper

117 100

201 68.5 34.4 103.2

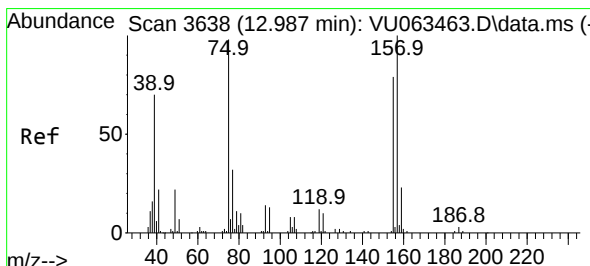
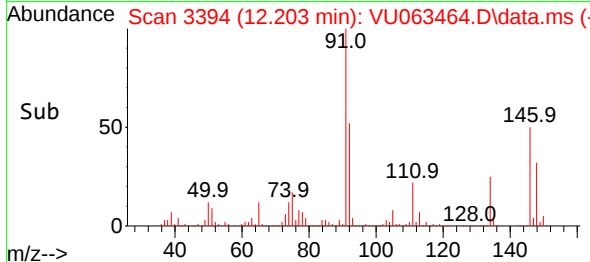
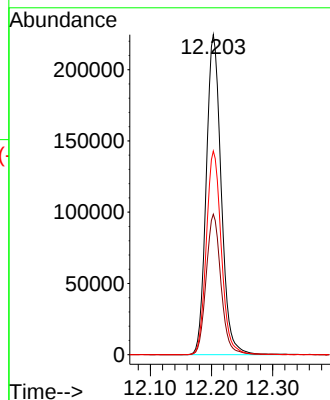
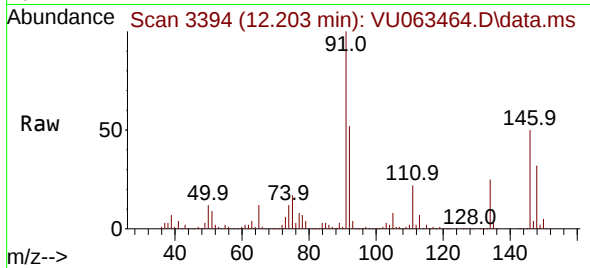




#91
1,2-Dichlorobenzene
Concen: 91.556 ug/l
RT: 12.203 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

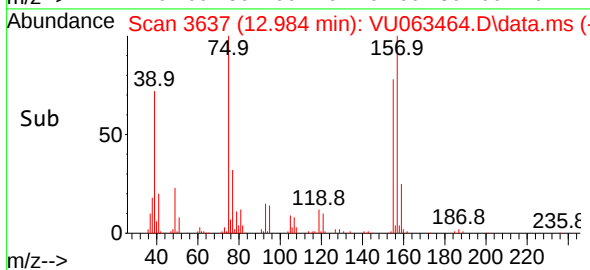
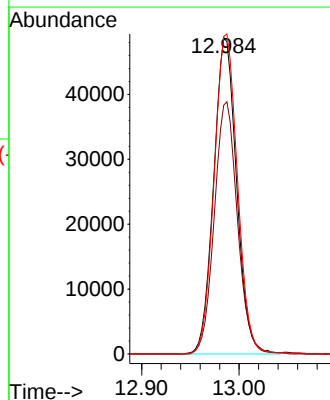
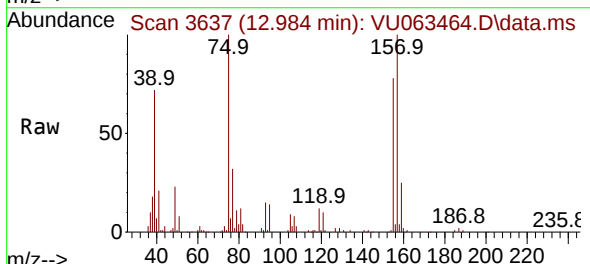
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

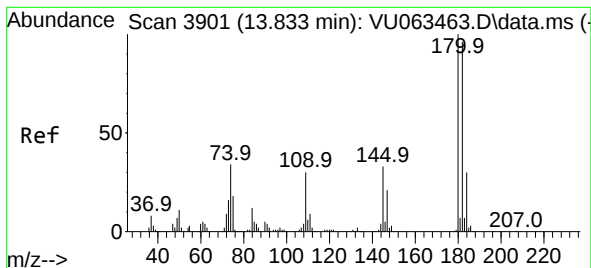
Tgt Ion:146 Resp: 381133
Ion Ratio Lower Upper
146 100
111 43.4 21.9 65.5
148 63.8 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 101.264 ug/l
RT: 12.984 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

Tgt Ion: 75 Resp: 79786
Ion Ratio Lower Upper
75 100
155 80.2 39.1 117.5
157 102.5 49.4 148.2





#93

1,2,4-Trichlorobenzene

Concen: 98.331 ug/l

RT: 13.830 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU063464.D

Acq: 08 Jul 2025 14:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

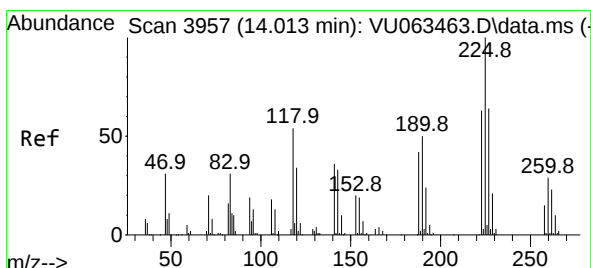
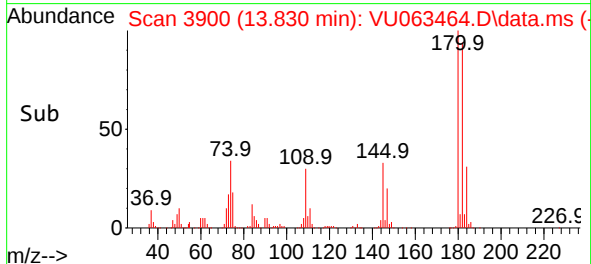
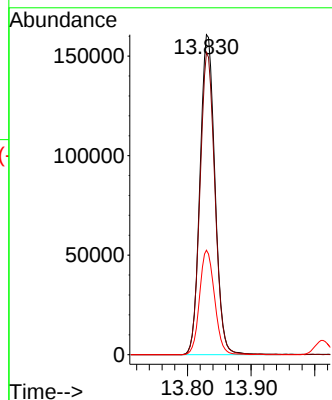
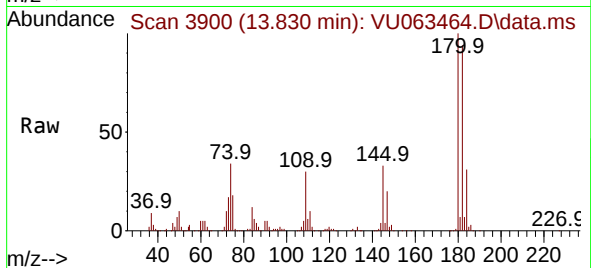
Tgt Ion:180 Resp: 262144

Ion Ratio Lower Upper

180 100

182 94.4 47.7 143.1

145 32.8 16.6 49.7



#94

Hexachlorobutadiene

Concen: 95.881 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.000 min

Lab File: VU063464.D

Acq: 08 Jul 2025 14:21

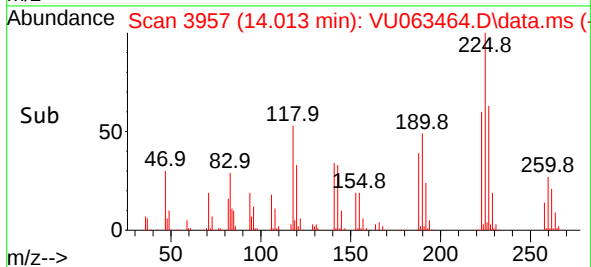
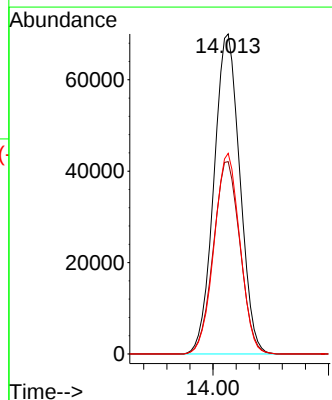
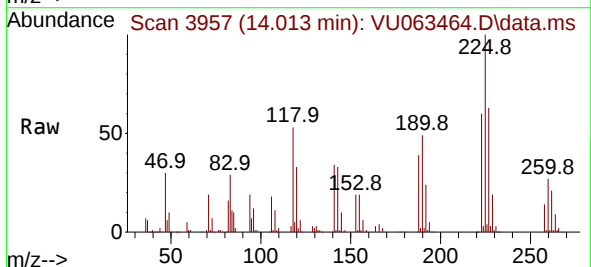
Tgt Ion:225 Resp: 109266

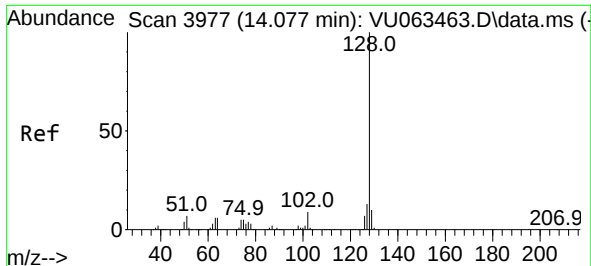
Ion Ratio Lower Upper

225 100

223 61.8 32.4 97.0

227 62.3 32.3 96.9

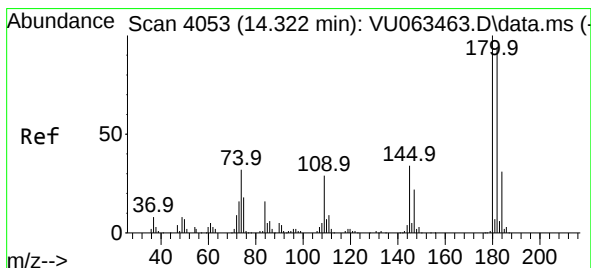
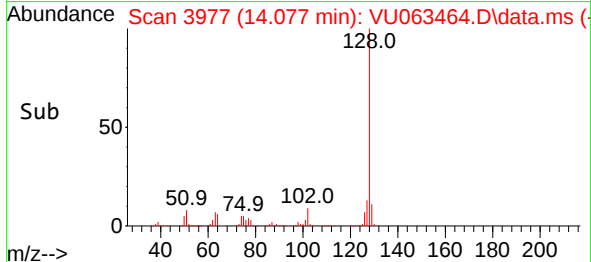
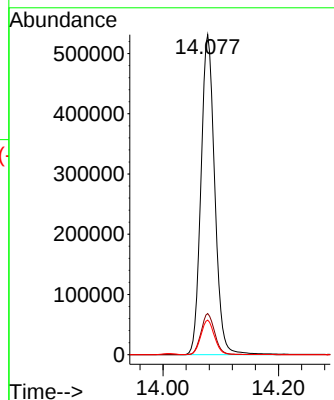
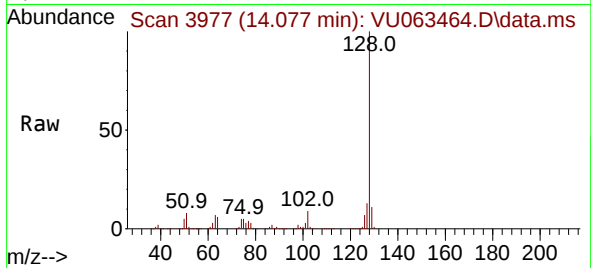




#95
Naphthalene
Concen: 100.835 ug/l
RT: 14.077 min Scan# 3977
Delta R.T. -0.000 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 880356
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 96.620 ug/l
RT: 14.319 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU063464.D
Acq: 08 Jul 2025 14:21

Tgt Ion:180 Resp: 253138
Ion Ratio Lower Upper
180 100
182 95.3 47.8 143.3
145 35.2 17.2 51.5

