

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
 Data File : VV039328.D
 Acq On : 05 Nov 2025 11:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 06 00:10:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:01:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	644517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	1006974	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	993503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	575078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	489297	53.427	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 106.860%	
35) Dibromofluoromethane	4.497	113	427817	53.920	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 107.840%	
50) Toluene-d8	7.233	98	1471302	54.509	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 109.020%	
62) 4-Bromofluorobenzene	9.998	95	554577	57.691	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 115.380%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	321774	39.500	ug/l	99
3) Chloromethane	1.230	50	367991	43.389	ug/l	100
4) Vinyl Chloride	1.298	62	407496	42.115	ug/l	99
5) Bromomethane	1.494	94	250921	39.969	ug/l	98
6) Chloroethane	1.558	64	277627	52.065	ug/l	97
7) Trichlorofluoromethane	1.725	101	636004	43.027	ug/l	100
8) Diethyl Ether	1.918	74	274729	51.432	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.082	101	391341	44.215	ug/l	100
10) Methyl Iodide	2.198	142	397811	52.167	ug/l	97
11) Tert butyl alcohol	2.564	59	396442	223.369	ug/l	99
12) 1,1-Dichloroethene	2.082	96	381146	43.858	ug/l	97
13) Acrolein	2.005	56	419396	413.186	ug/l	98
14) Allyl chloride	2.355	41	642266	46.620	ug/l	100
15) Acrylonitrile	2.670	53	1295180	246.074	ug/l	100
16) Acetone	2.114	43	1195872	282.341	ug/l	100
17) Carbon Disulfide	2.252	76	1074741	43.783	ug/l	99
18) Methyl Acetate	2.378	43	551669	46.486	ug/l	98
19) Methyl tert-butyl Ether	2.709	73	1396241	53.378	ug/l	99
20) Methylene Chloride	2.455	84	467374	57.850	ug/l	98
21) trans-1,2-Dichloroethene	2.703	96	414207	45.267	ug/l	97
22) Diisopropyl ether	3.214	45	1354919	54.779	ug/l	94
23) Vinyl Acetate	3.185	43	6069819	279.531	ug/l	99
24) 1,1-Dichloroethane	3.117	63	767387	46.310	ug/l	99
25) 2-Butanone	3.860	43	1541060	275.151	ug/l	99
26) 2,2-Dichloropropane	3.809	77	618358	46.330	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	473627	51.696	ug/l	98
28) Bromochloromethane	4.143	49	358159	50.697	ug/l	99
29) Tetrahydrofuran	4.233	42	994144	277.612	ug/l	99
30) Chloroform	4.275	83	827455	48.966	ug/l	100
31) Cyclohexane	4.580	56	558505	46.274	ug/l	99
32) 1,1,1-Trichloroethane	4.510	97	681213	46.106	ug/l	99
36) 1,1-Dichloropropene	4.741	75	491141	49.285	ug/l	99
37) Ethyl Acetate	3.973	43	600646	51.484	ug/l	99
38) Carbon Tetrachloride	4.731	117	590516	48.638	ug/l	99
39) Methylcyclohexane	6.043	83	551885	48.456	ug/l	98
40) Benzene	5.005	78	1667129	52.135	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	272254	54.408	ug/l	98
42) 1,2-Dichloroethane	5.037	62	579666	51.650	ug/l	99
43) Isopropyl Acetate	5.188	43	891916	58.395	ug/l	99
44) Trichloroethene	5.828	130	397621	49.447	ug/l	99
45) 1,2-Dichloropropane	6.085	63	431534	55.458	ug/l	98
46) Dibromomethane	6.220	93	341783	52.550	ug/l	98
47) Bromodichloromethane	6.423	83	668756	52.185	ug/l	98
48) Methyl methacrylate	6.291	41	417085	58.943	ug/l	98
49) 1,4-Dioxane	6.288	88	129928	1103.786	ug/l	95
51) 4-Methyl-2-Pentanone	7.146	43	3096474	292.211	ug/l	100
52) Toluene	7.307	92	1064354	55.125	ug/l	99
53) t-1,3-Dichloropropene	7.571	75	646667	57.739	ug/l	98
54) cis-1,3-Dichloropropene	6.944	75	711311	57.125	ug/l	100
55) 1,1,2-Trichloroethane	7.757	97	471151	54.042	ug/l	97
56) Ethyl methacrylate	7.712	69	641802	64.977	ug/l	99
57) 1,3-Dichloropropane	7.931	76	742902	56.468	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.809	63	1793544	298.376	ug/l	99
59) 2-Hexanone	8.059	43	2320510	298.284	ug/l	99
60) Dibromochloromethane	8.165	129	552108	54.162	ug/l	100
61) 1,2-Dibromoethane	8.268	107	502481	55.351	ug/l	100
64) Tetrachloroethene	7.895	164	350933	48.423	ug/l	98
65) Chlorobenzene	8.802	112	1189287	50.566	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	443379	50.329	ug/l	100
67) Ethyl Benzene	8.934	91	1923419	55.519	ug/l	99
68) m/p-Xylenes	9.059	106	1588831	115.629	ug/l	100
69) o-Xylene	9.468	106	715416	58.957	ug/l	99
70) Styrene	9.484	104	1344948	62.291	ug/l	99
71) Bromoform	9.651	173	389416	54.659	ug/l	99
73) Isopropylbenzene	9.853	105	1904119	54.526	ug/l	100
74) N-amyl acetate	9.722	43	806173	56.025	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	762215	47.528	ug/l	99
76) 1,2,3-Trichloropropane	10.194	75	553871	48.255	ug/l	100
77) Bromobenzene	10.140	156	506624	52.774	ug/l	99
78) n-propylbenzene	10.275	91	2295068	54.163	ug/l	99
79) 2-Chlorotoluene	10.345	91	1414565	54.071	ug/l	100
80) 1,3,5-Trimethylbenzene	10.461	105	1651701	56.394	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	252131	55.476	ug/l	100
82) 4-Chlorotoluene	10.461	91	1671189	55.577	ug/l	100
83) tert-Butylbenzene	10.789	119	1533513	52.730	ug/l	98
84) 1,2,4-Trimethylbenzene	10.837	105	1663288	57.688	ug/l	100
85) sec-Butylbenzene	11.011	105	1891882	51.451	ug/l	100
86) p-Isopropyltoluene	11.165	119	1642821	51.963	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	991093	51.759	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	1029945	48.062	ug/l	99
89) n-Butylbenzene	11.577	91	1492091	50.680	ug/l	100
90) Hexachloroethane	11.818	117	341450	43.678	ug/l	99
91) 1,2-Dichlorobenzene	11.564	146	935254	51.346	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.349	75	149563	45.356	ug/l	100
93) 1,2,4-Trichlorobenzene	13.185	180	535803	52.743	ug/l	99
94) Hexachlorobutadiene	13.368	225	183652	35.702	ug/l	99
95) Naphthalene	13.422	128	1966551	59.085	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	560178	53.055	ug/l	100

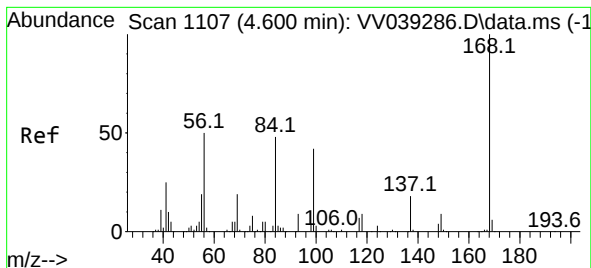
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.596 min Scan# 11

Delta R.T. -0.004 min

Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

Instrument :

MSVOA_V

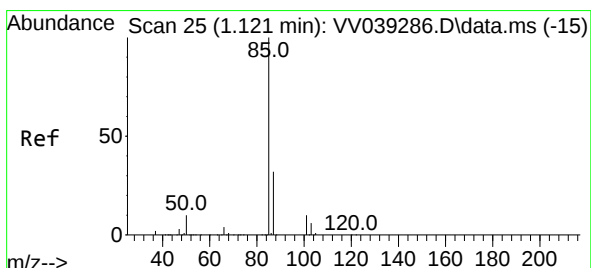
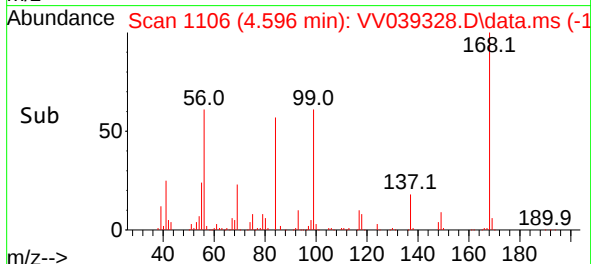
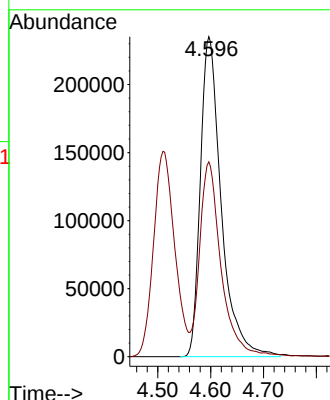
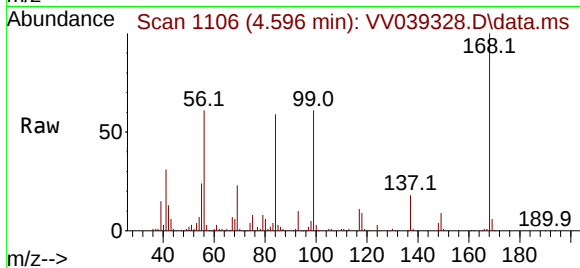
ClientSampleId :

Tgt Ion:168 Resp: 644517

Ion Ratio Lower Upper

168 100

99 60.3 46.6 70.0



#2

Dichlorodifluoromethane

Concen: 39.500 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV039328.D

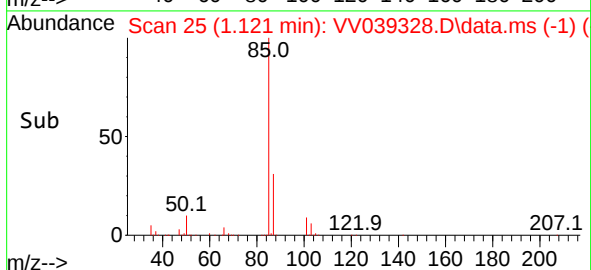
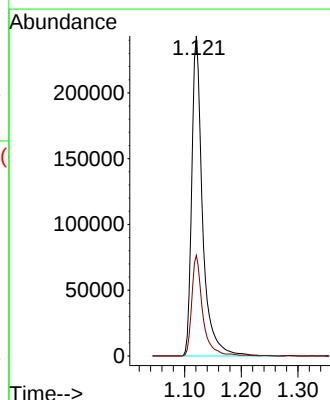
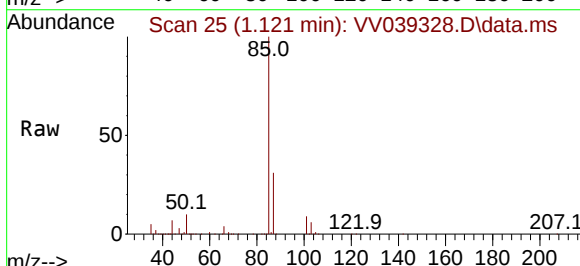
Acq: 05 Nov 2025 11:34

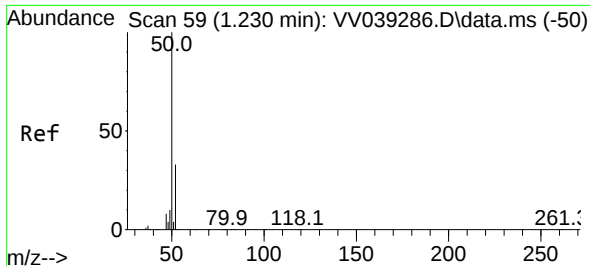
Tgt Ion: 85 Resp: 321774

Ion Ratio Lower Upper

85 100

87 31.4 16.1 48.2

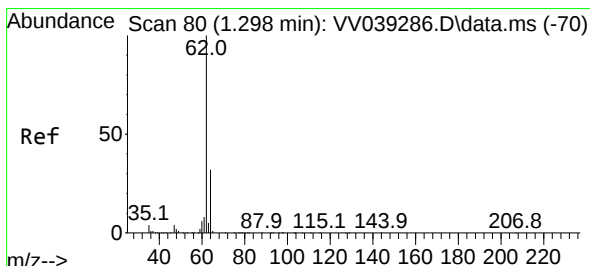
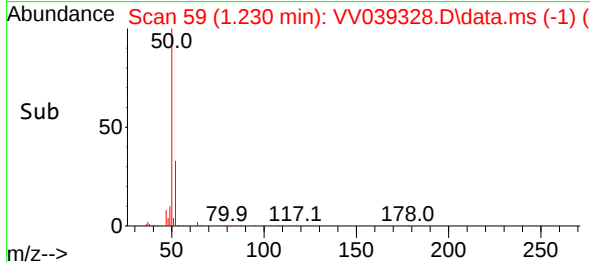
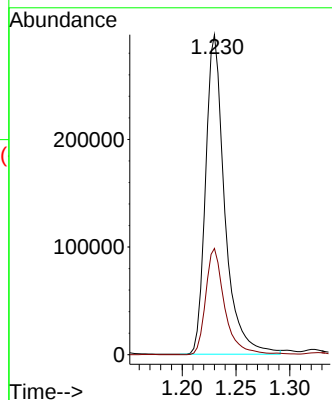
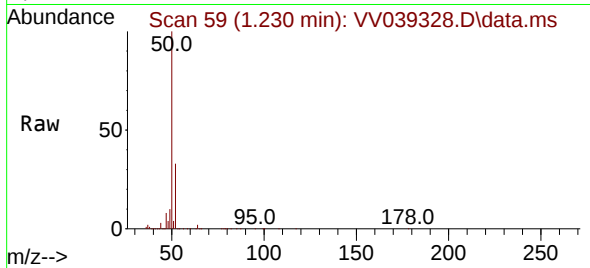




#3
Chloromethane
Concen: 43.389 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

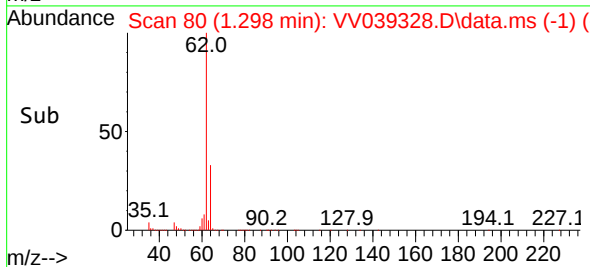
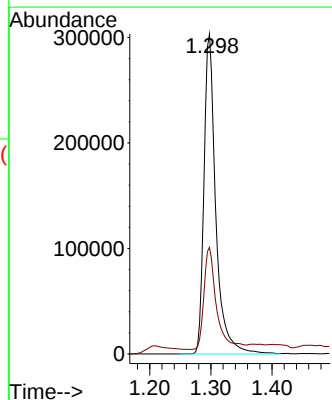
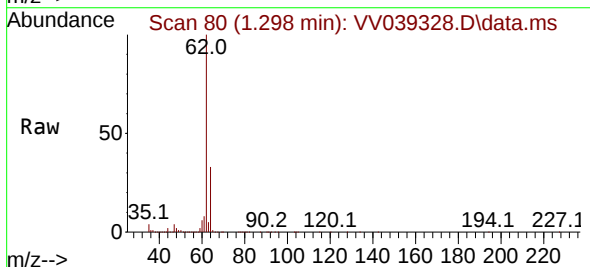
Instrument :
MSVOA_V
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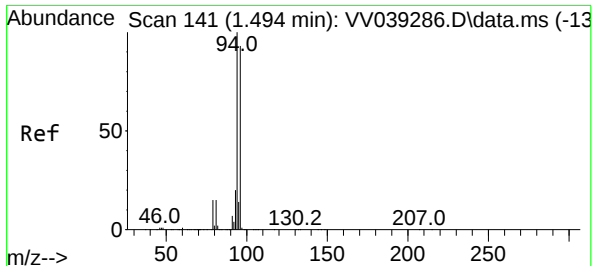
Tgt Ion: 50 Resp: 367991
Ion Ratio Lower Upper
50 100
52 33.2 26.6 39.8



#4
Vinyl Chloride
Concen: 42.115 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

Tgt Ion: 62 Resp: 407496
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6

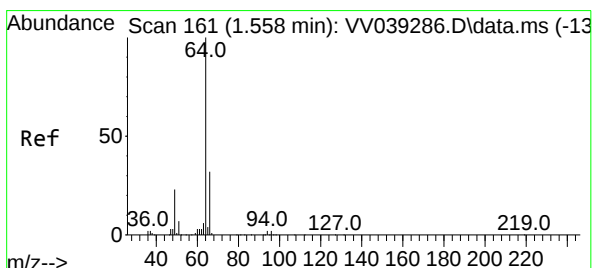
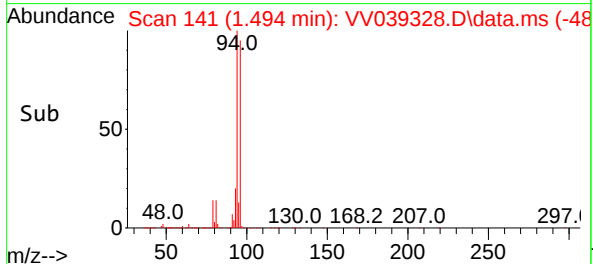
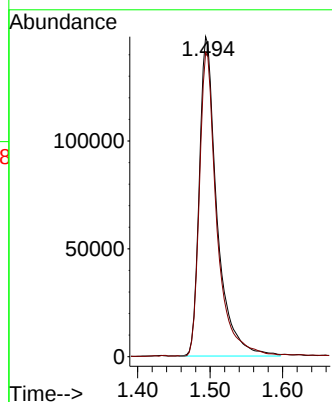
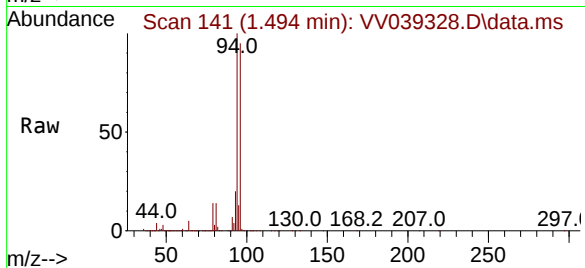




#5
Bromomethane
Concen: 39.969 ug/l
RT: 1.494 min Scan# 141
Delta R.T. 0.000 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

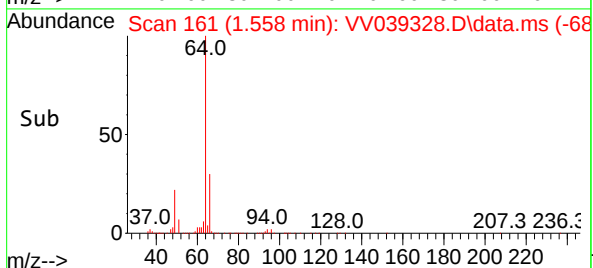
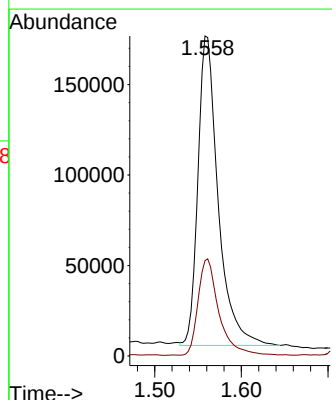
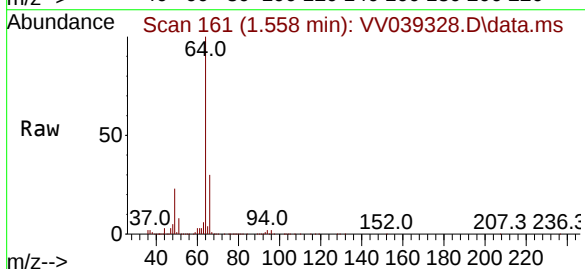
Instrument :
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ClientSampleId :

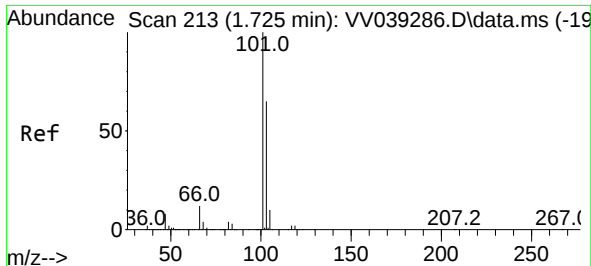
Tgt Ion: 94 Resp: 250921
Ion Ratio Lower Upper
94 100
96 94.9 74.2 111.2



#6
Chloroethane
Concen: 52.065 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

Tgt Ion: 64 Resp: 277627
Ion Ratio Lower Upper
64 100
66 30.5 25.7 38.5

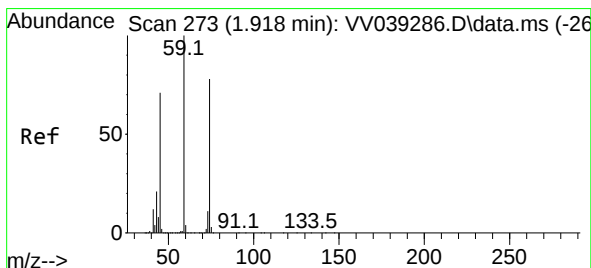
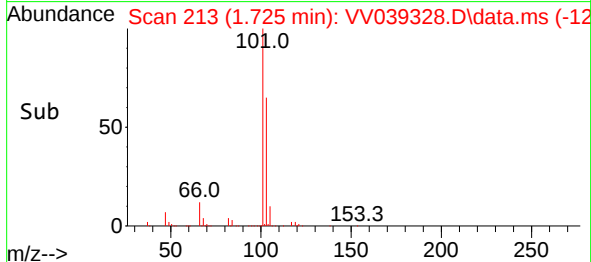
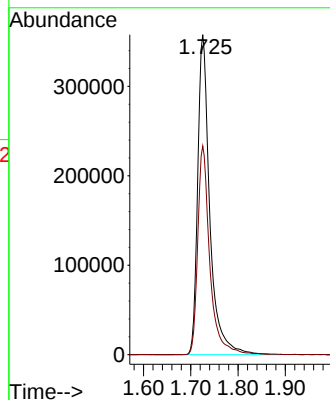
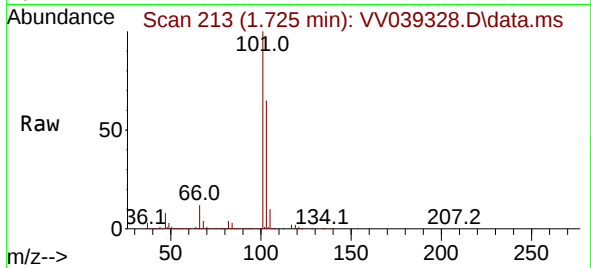




#7
 Trichlorofluoromethane
 Concen: 43.027 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV039328.D
 Acq: 05 Nov 2025 11:34

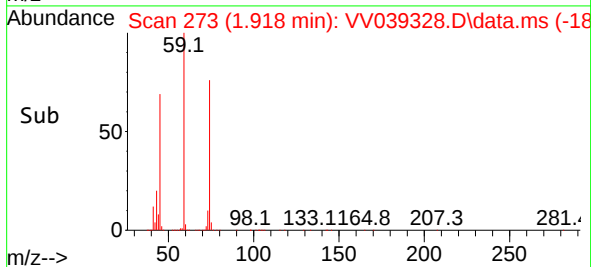
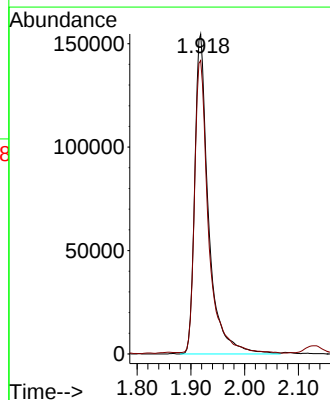
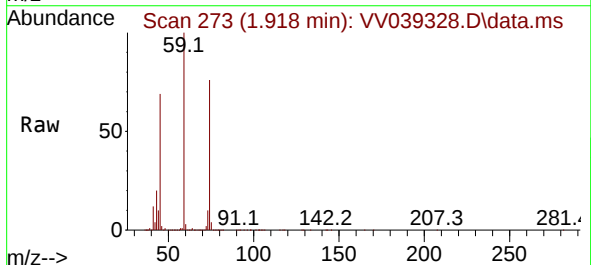
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 MSVOA_V
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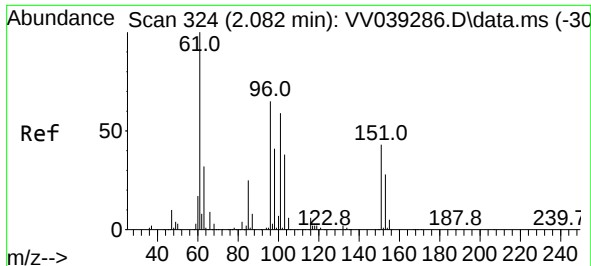
Tgt Ion:101 Resp: 636004
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.0 78.0



#8
 Diethyl Ether
 Concen: 51.432 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
 Lab File: VV039328.D
 Acq: 05 Nov 2025 11:34

Tgt Ion: 74 Resp: 274729
 Ion Ratio Lower Upper
 74 100
 45 92.8 45.9 137.7

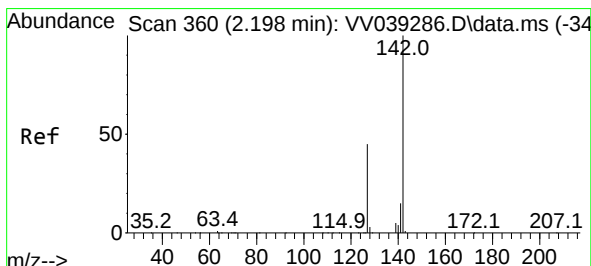
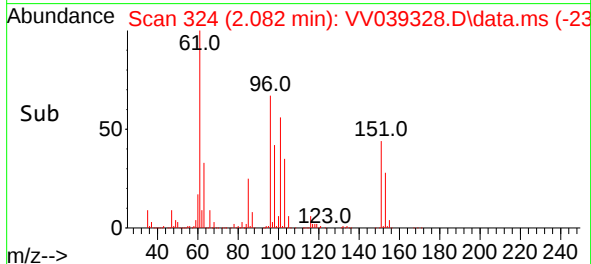
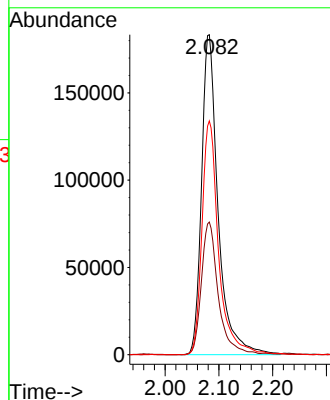
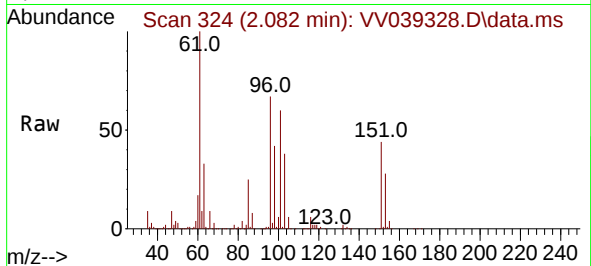




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.215 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.000 min
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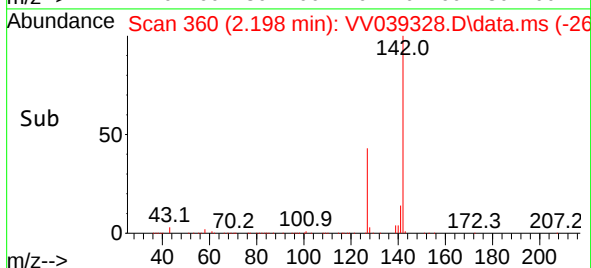
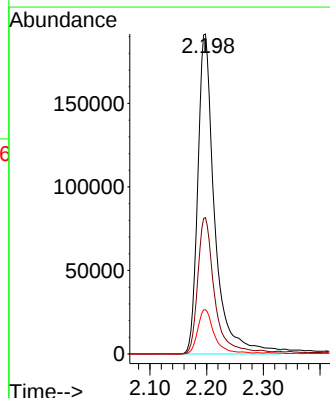
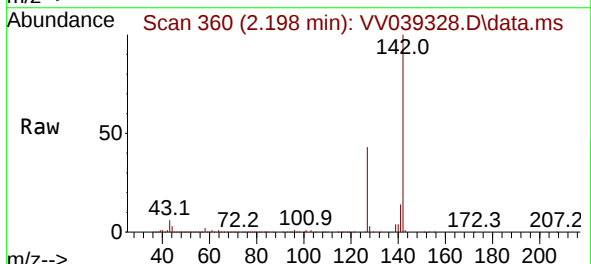
Instrument :
MSVOA_V
ClientSampleId :

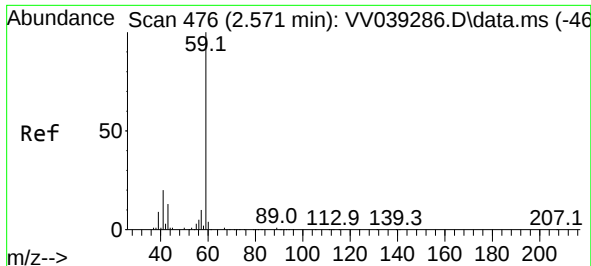
Tgt Ion:101 Resp: 391341
Ion Ratio Lower Upper
101 100
85 42.2 34.0 51.0
151 73.5 58.5 87.7



#10
Methyl Iodide
Concen: 52.167 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.000 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

Tgt Ion:142 Resp: 397811
Ion Ratio Lower Upper
142 100
127 42.2 35.5 53.3
141 13.7 11.5 17.3

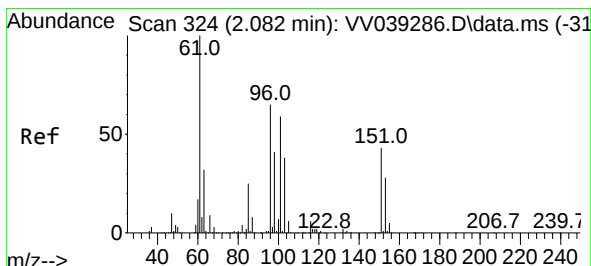
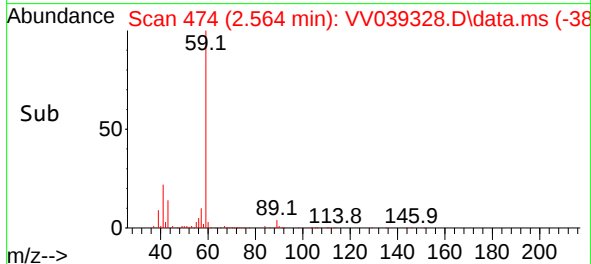
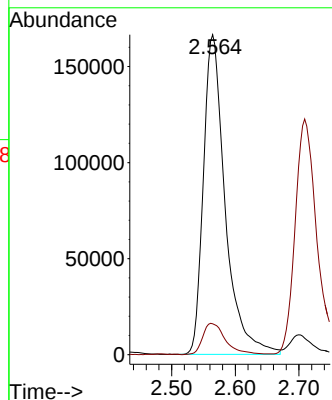
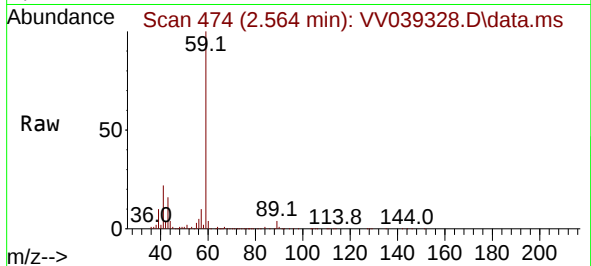




#11
Tert butyl alcohol
Concen: 223.369 ug/l
RT: 2.564 min Scan# 476
Delta R.T. -0.006 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

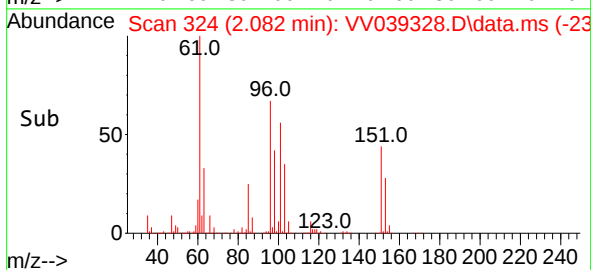
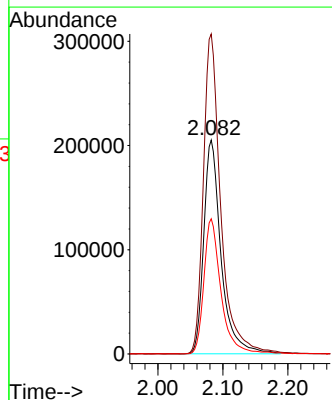
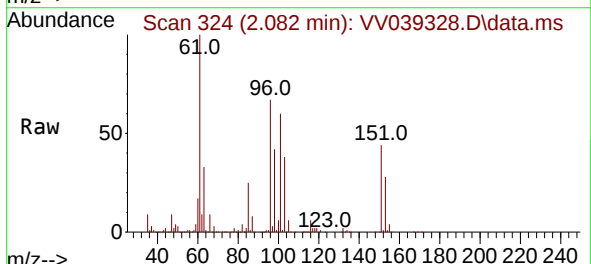
Instrument :
MSVOA_V
ClientSampleId :

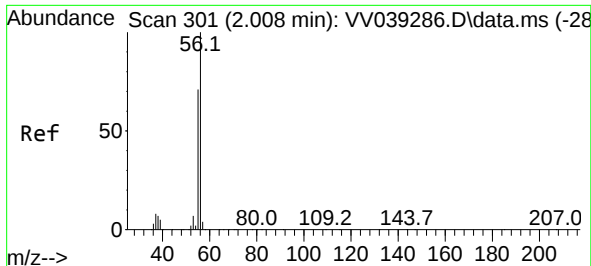
Tgt Ion: 59 Resp: 396442
Ion Ratio Lower Upper
59 100
57 10.4 8.1 12.1



#12
1,1-Dichloroethene
Concen: 43.858 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

Tgt Ion: 96 Resp: 381146
Ion Ratio Lower Upper
96 100
61 149.7 123.6 185.4
98 63.2 51.1 76.7

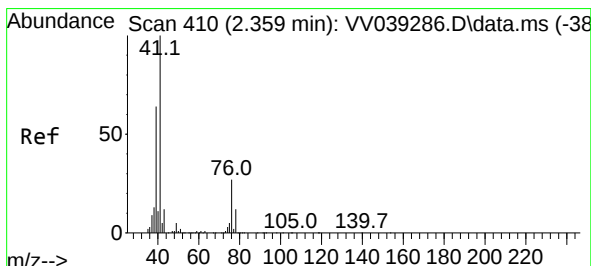
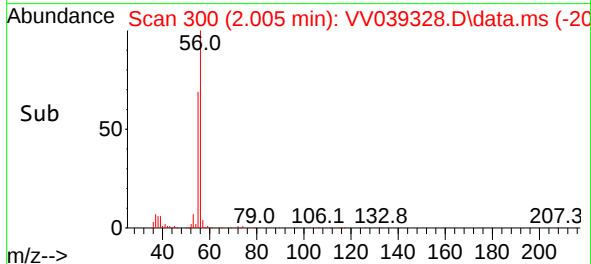
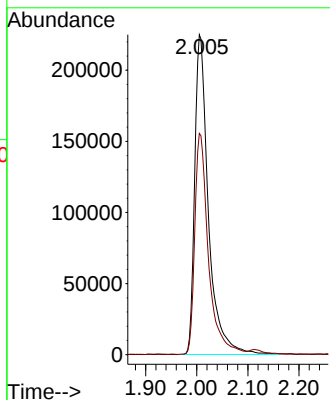
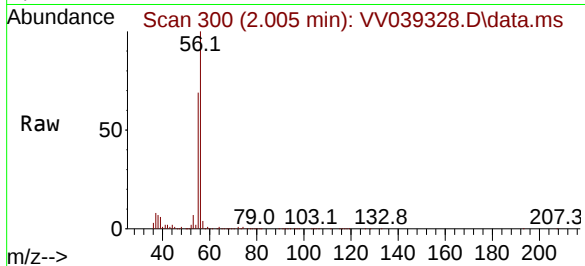




#13
Acrolein
Concen: 413.186 ug/l
RT: 2.005 min Scan# 301
Delta R.T. -0.003 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

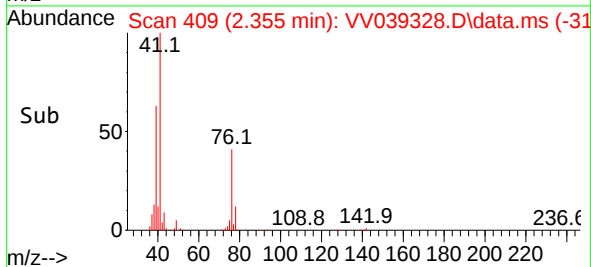
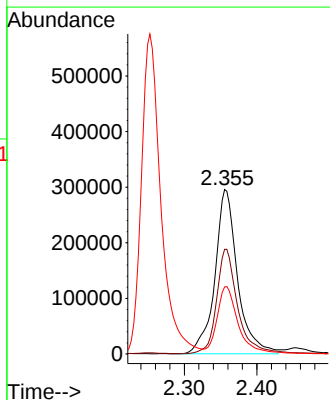
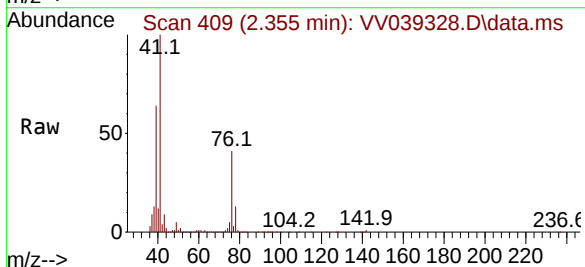
Instrument :
MSVOA_V
ClientSampleId :

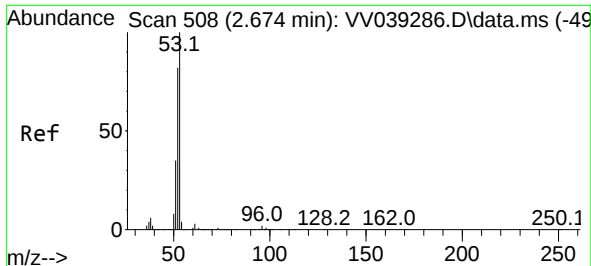
Tgt Ion: 56 Resp: 419396
Ion Ratio Lower Upper
56 100
55 68.7 56.2 84.4



#14
Allyl chloride
Concen: 46.620 ug/l
RT: 2.355 min Scan# 409
Delta R.T. -0.003 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

Tgt Ion: 41 Resp: 642266
Ion Ratio Lower Upper
41 100
39 59.4 47.8 71.6
76 38.1 30.2 45.2



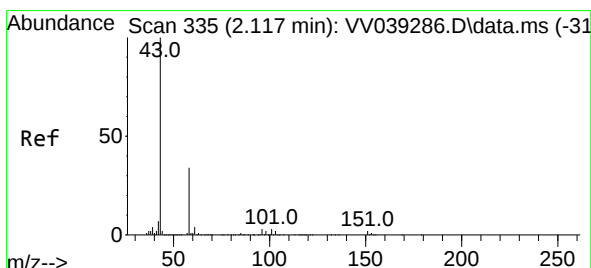
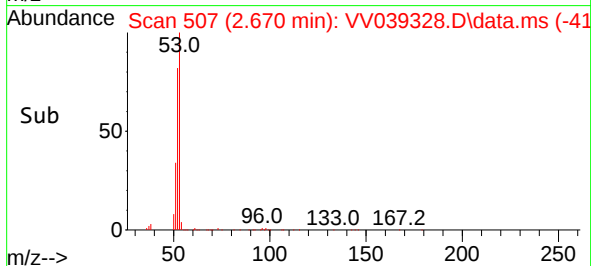
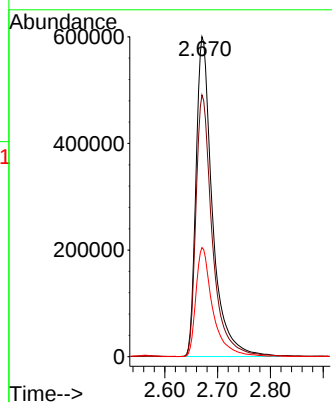
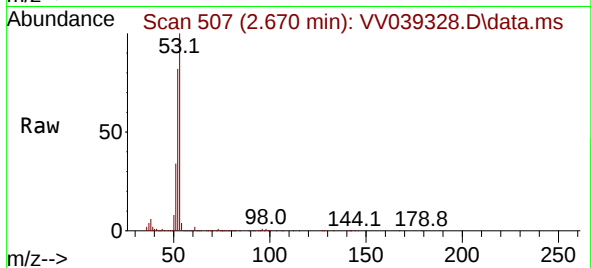


#15
Acrylonitrile
Concen: 246.074 ug/l
RT: 2.670 min Scan# 508
Delta R.T. -0.003 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 53 Resp: 1295180

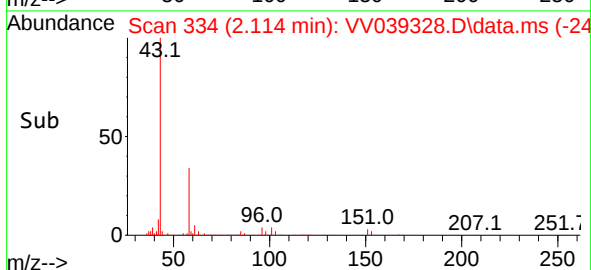
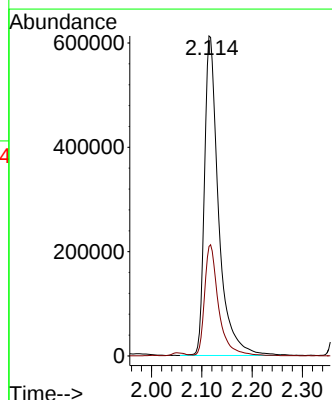
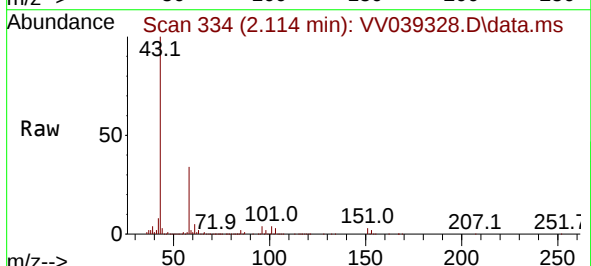
Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.0	97.6
51	34.9	27.9	41.9

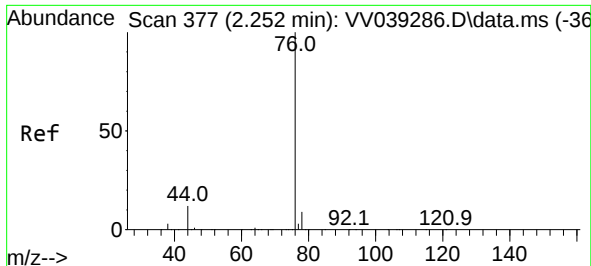


#16
Acetone
Concen: 282.341 ug/l
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

Tgt Ion: 43 Resp: 1195872

Ion	Ratio	Lower	Upper
43	100		
58	34.1	27.5	41.3

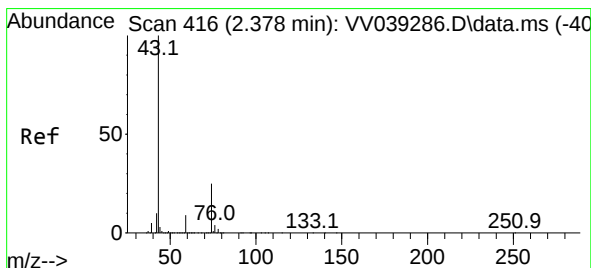
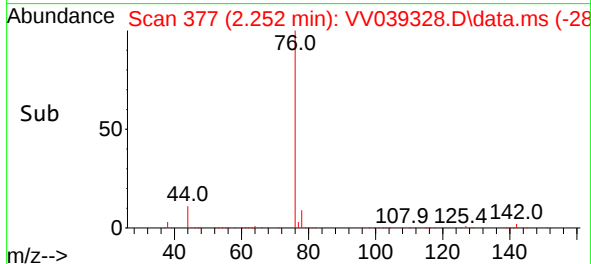
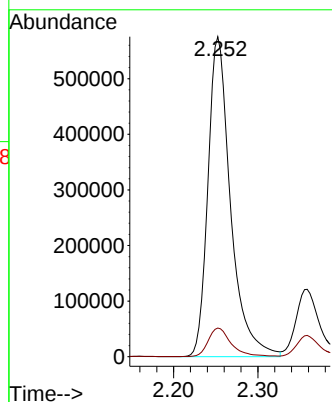
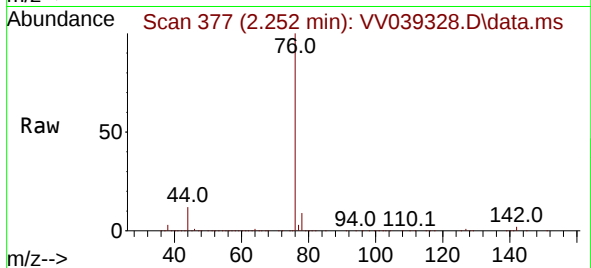




#17
Carbon Disulfide
Concen: 43.783 ug/l
RT: 2.252 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

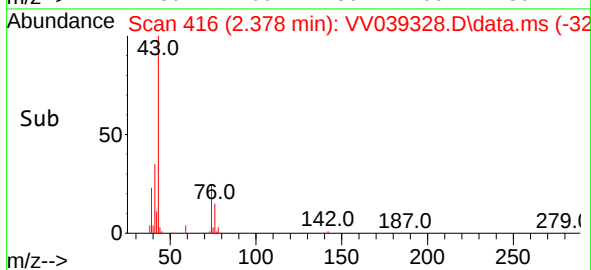
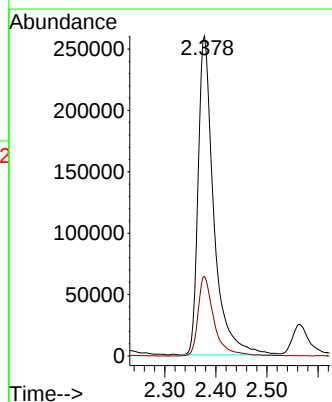
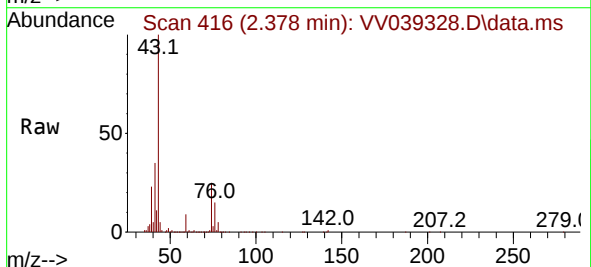
Instrument :
MSVOA_V
ClientSampleId :

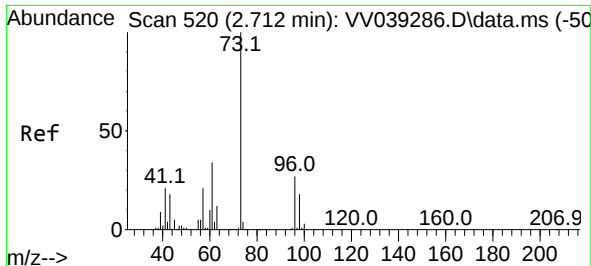
Tgt Ion: 76 Resp: 1074741
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 46.486 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

Tgt Ion: 43 Resp: 551669
Ion Ratio Lower Upper
43 100
74 25.3 19.5 29.3

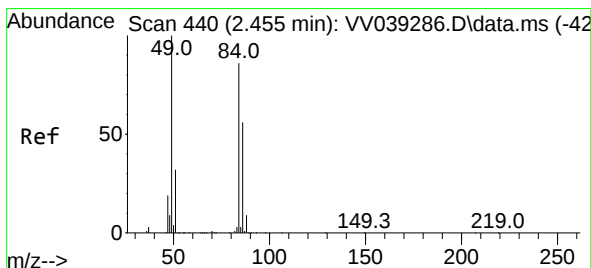
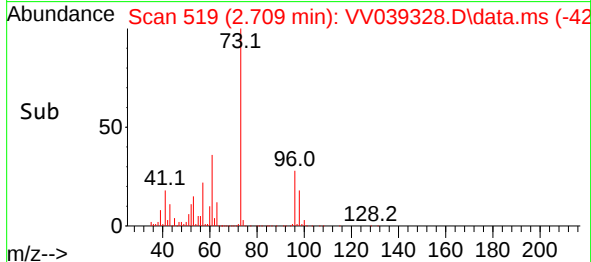
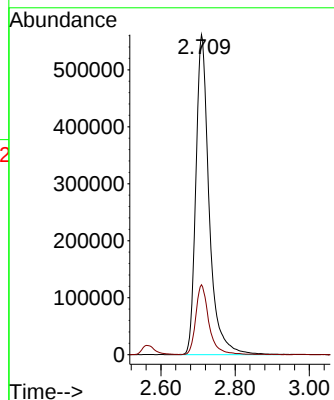
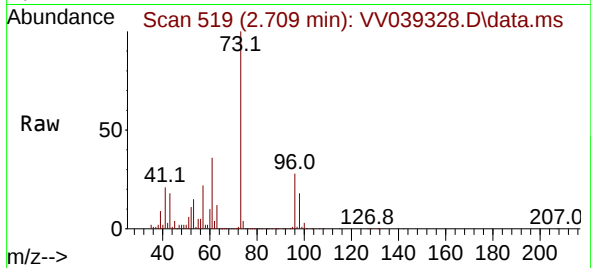




#19
Methyl tert-butyl Ether
Concen: 53.378 ug/l
RT: 2.709 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

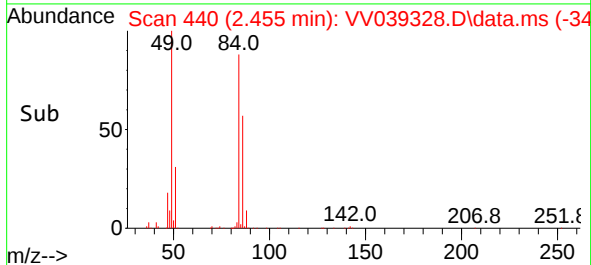
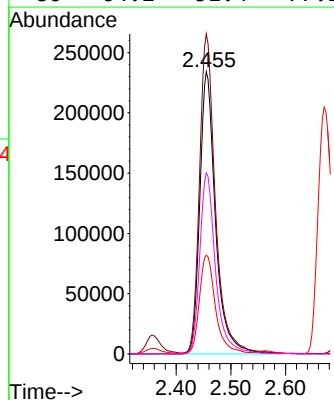
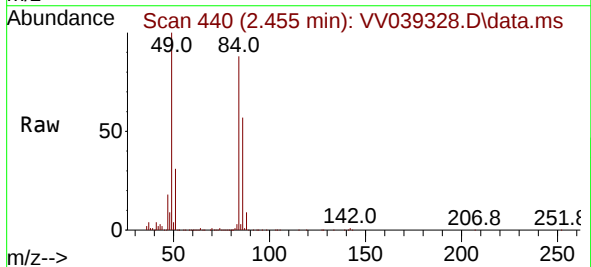
Instrument :
MSVOA_V
ClientSampleId :

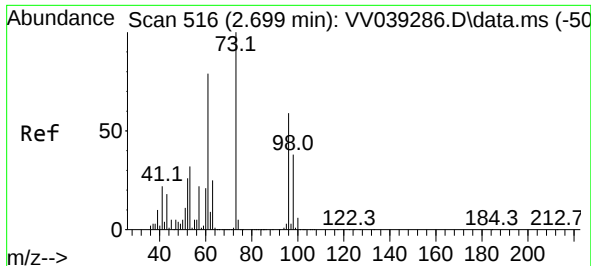
Tgt Ion: 73 Resp: 1396241
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.6



#20
Methylene Chloride
Concen: 57.850 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

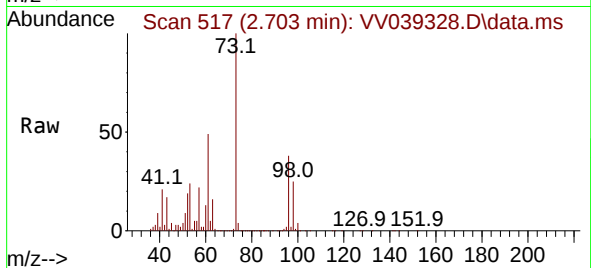
Tgt Ion: 84 Resp: 467374
Ion Ratio Lower Upper
84 100
49 113.0 92.6 139.0
51 34.8 29.6 44.4
86 64.2 51.4 77.2



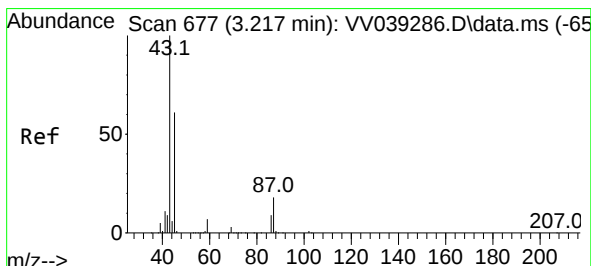
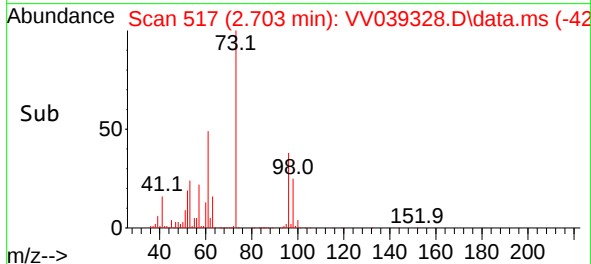
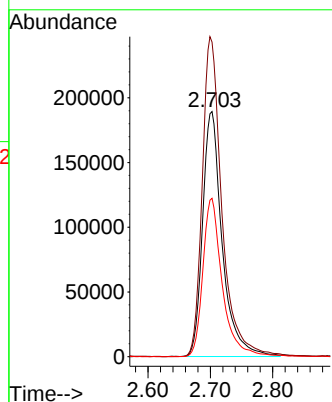


#21
trans-1,2-Dichloroethene
Concen: 45.267 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

Instrument :
MSVOA_V
ClientSampleId :

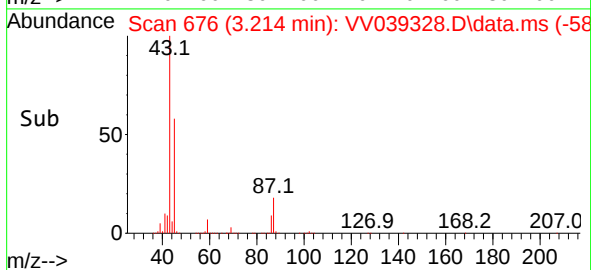
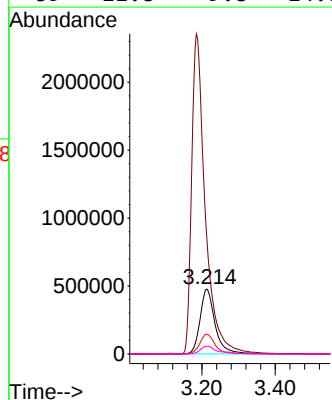
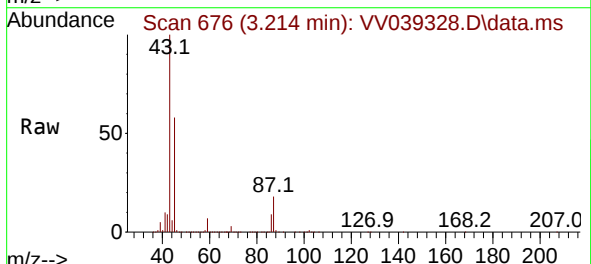


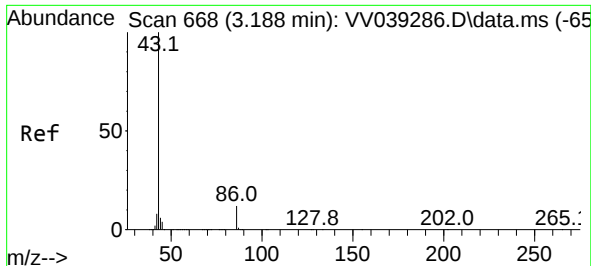
Tgt Ion: 96 Resp: 414207
Ion Ratio Lower Upper
96 100
61 128.3 106.8 160.2
98 64.6 51.1 76.7



#22
Diisopropyl ether
Concen: 54.779 ug/l
RT: 3.214 min Scan# 676
Delta R.T. -0.003 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

Tgt Ion: 45 Resp: 1354919
Ion Ratio Lower Upper
45 100
43 173.2 130.8 196.2
87 30.6 23.8 35.8
59 11.8 9.8 14.8

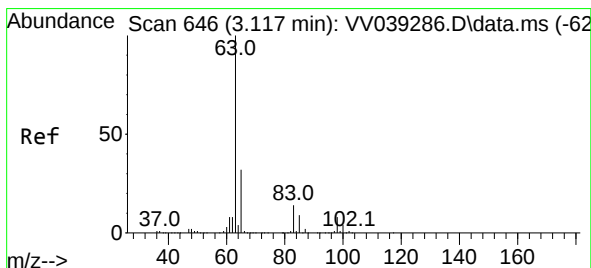
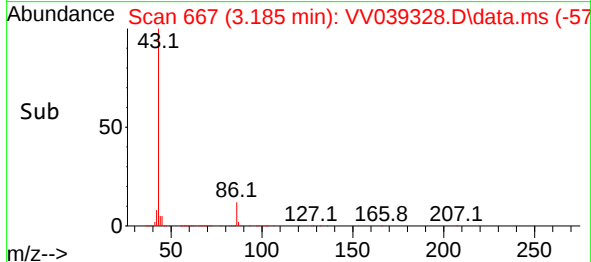
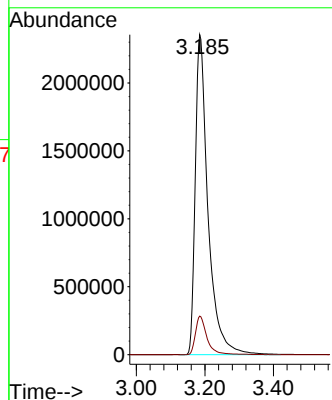
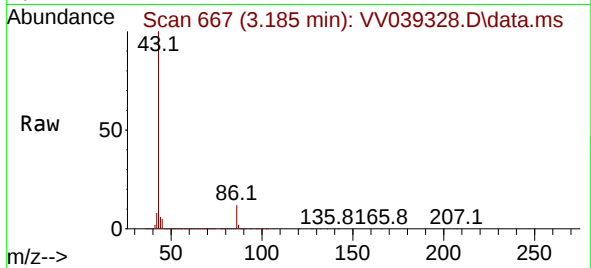




#23
 Vinyl Acetate
 Concen: 279.531 ug/l
 RT: 3.185 min Scan# 606
 Delta R.T. -0.003 min
 Lab File: VV039328.D
 Acq: 05 Nov 2025 11:34

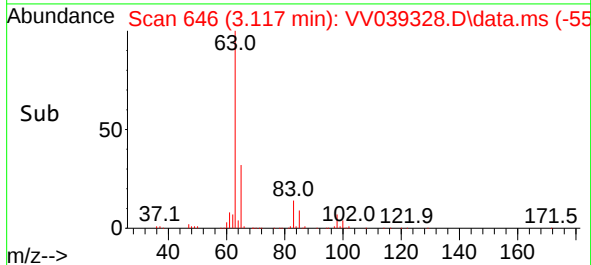
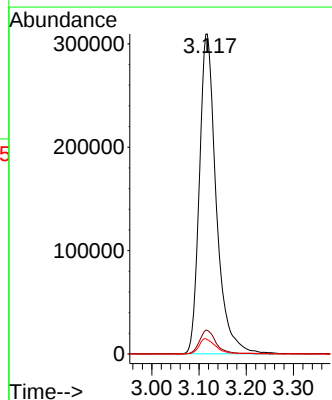
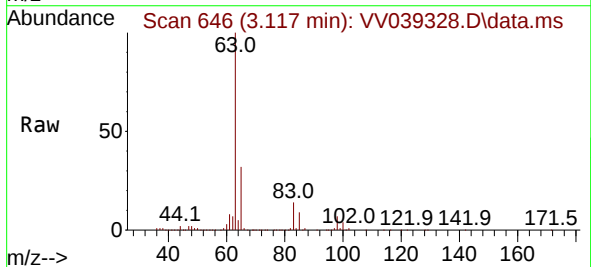
Instrument :
 MSVOA_V
 ClientSampleId :

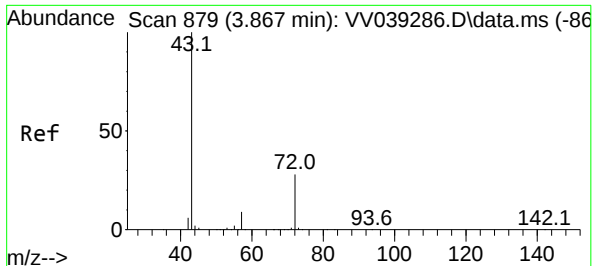
Tgt Ion: 43 Resp: 6069819
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 46.310 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: VV039328.D
 Acq: 05 Nov 2025 11:34

Tgt Ion: 63 Resp: 767387
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.0 12.0
 100 4.5 2.3 6.8

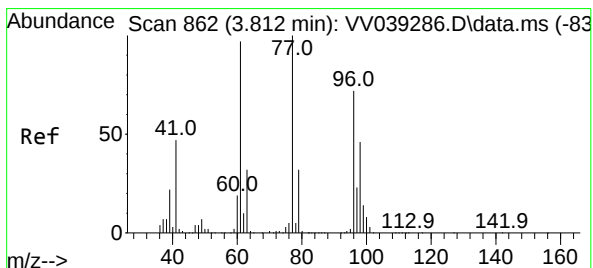
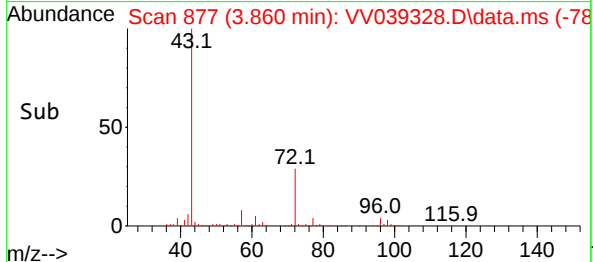
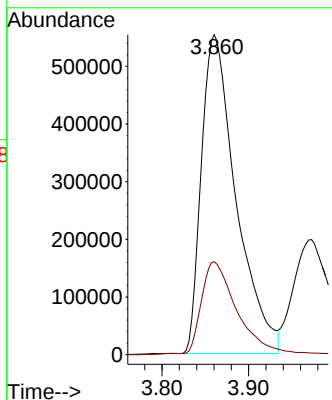
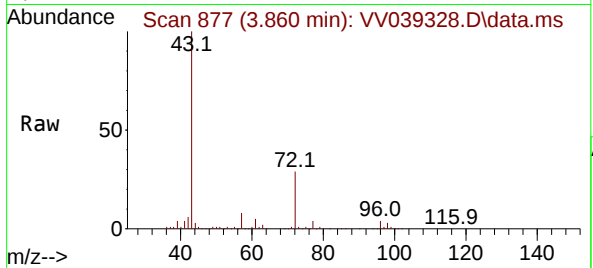




#25
2-Butanone
Concen: 275.151 ug/l
RT: 3.860 min Scan# 81
Delta R.T. -0.006 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

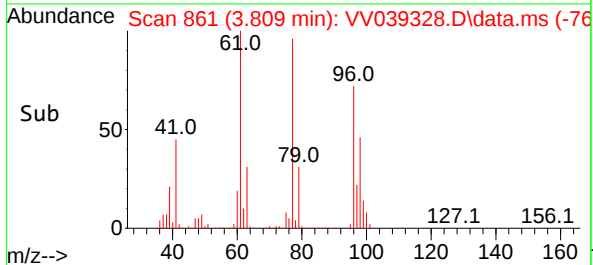
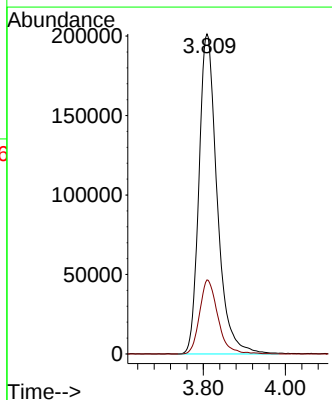
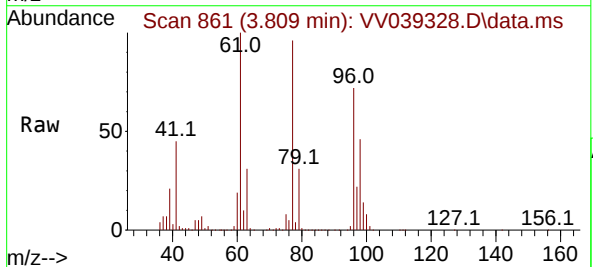
Instrument :
MSVOA_V
ClientSampleId :

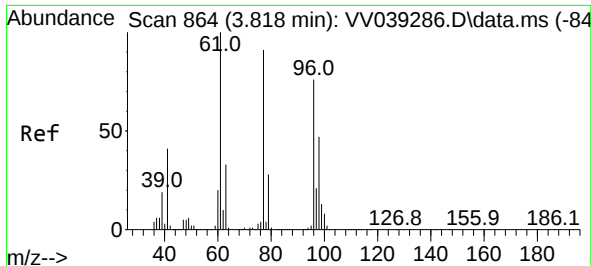
Tgt Ion: 43 Resp: 1541060
Ion Ratio Lower Upper
43 100
72 28.7 22.6 34.0



#26
2,2-Dichloropropane
Concen: 46.330 ug/l
RT: 3.809 min Scan# 861
Delta R.T. -0.003 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

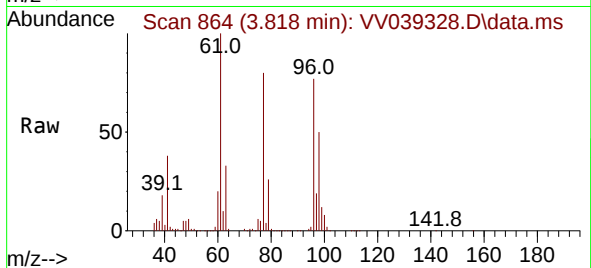
Tgt Ion: 77 Resp: 618358
Ion Ratio Lower Upper
77 100
97 23.0 11.6 34.8





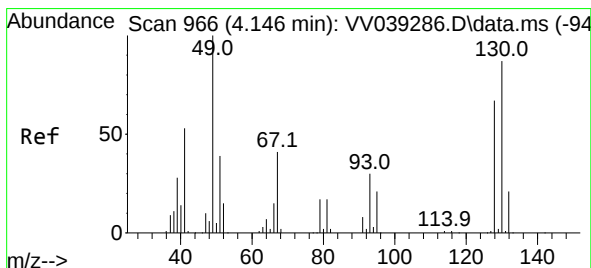
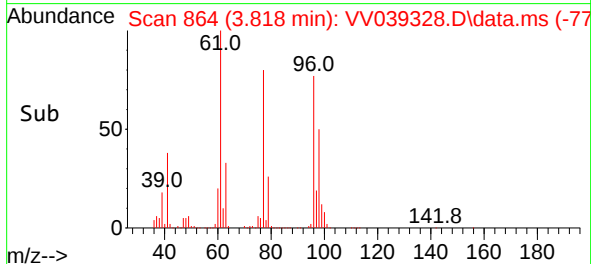
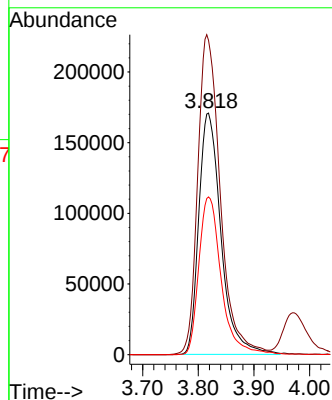
#27
 cis-1,2-Dichloroethene
 Concen: 51.696 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV039328.D
 Acq: 05 Nov 2025 11:34

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 473627

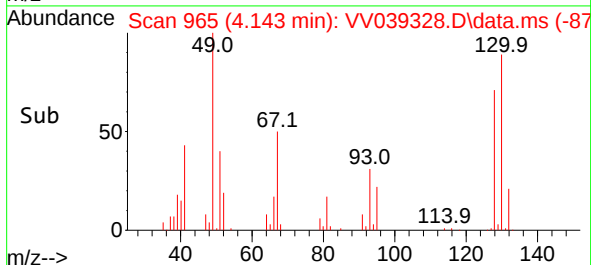
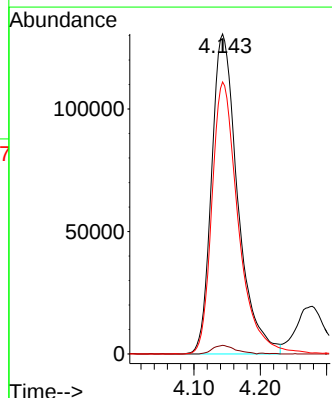
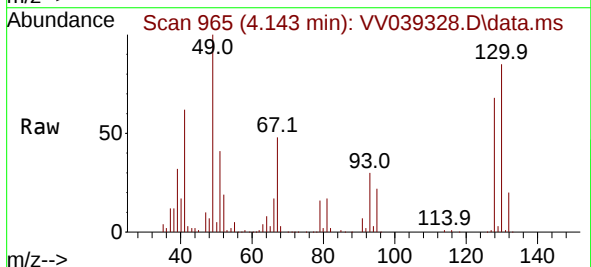
Ion	Ratio	Lower	Upper
96	100		
61	135.0	0.0	275.0
98	66.0	0.0	127.8

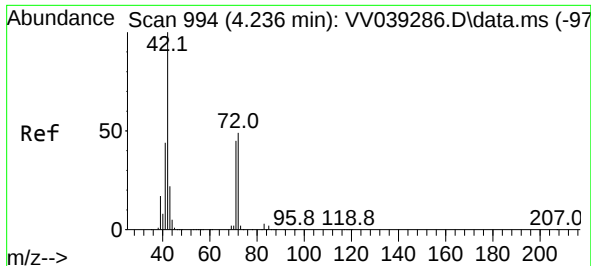


#28
 Bromochloromethane
 Concen: 50.697 ug/l
 RT: 4.143 min Scan# 965
 Delta R.T. -0.003 min
 Lab File: VV039328.D
 Acq: 05 Nov 2025 11:34

Tgt Ion: 49 Resp: 358159

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	85.9	69.5	104.3





#29

Tetrahydrofuran

Concen: 277.612 ug/l

RT: 4.233 min Scan# 994

Delta R.T. -0.003 min

Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

Instrument :

MSVOA_V

ClientSampleId :

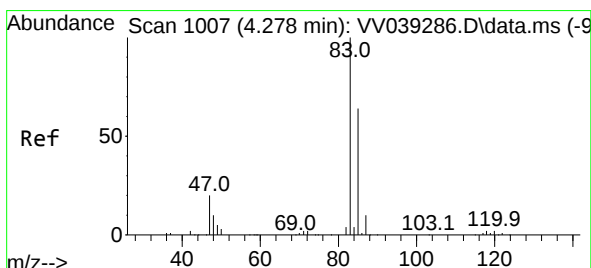
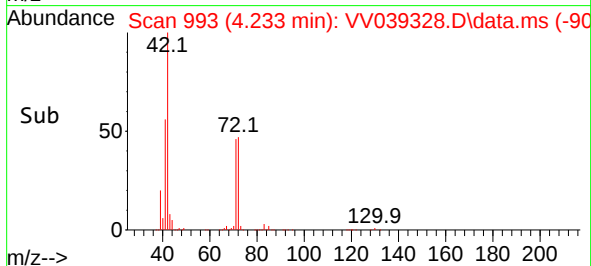
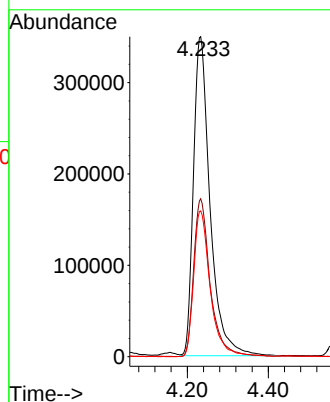
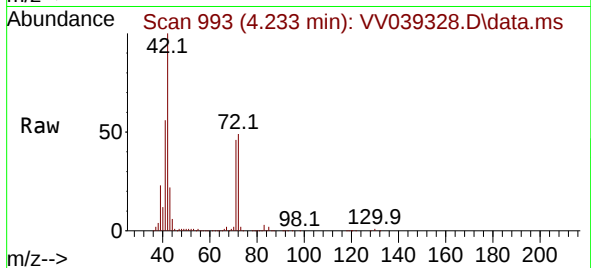
Tgt Ion: 42 Resp: 994144

Ion Ratio Lower Upper

42 100

72 49.3 39.8 59.8

71 46.0 36.5 54.7



#30

Chloroform

Concen: 48.966 ug/l

RT: 4.275 min Scan# 1006

Delta R.T. -0.003 min

Lab File: VV039328.D

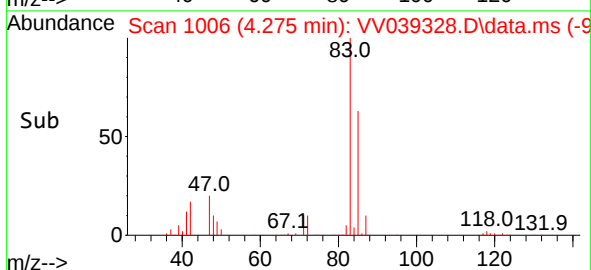
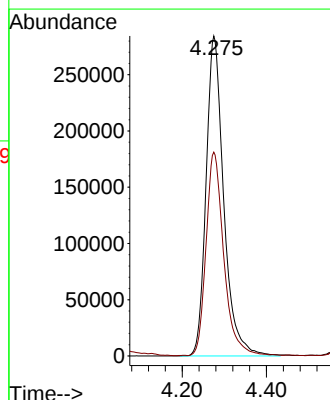
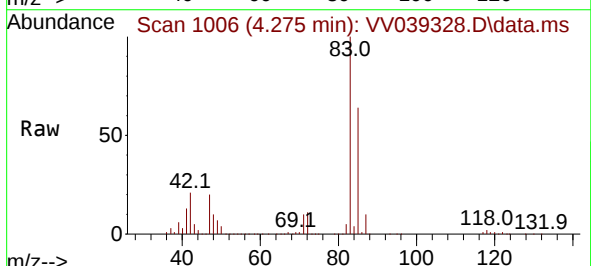
Acq: 05 Nov 2025 11:34

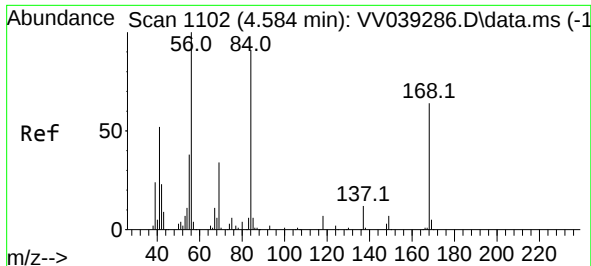
Tgt Ion: 83 Resp: 827455

Ion Ratio Lower Upper

83 100

85 63.6 51.1 76.7

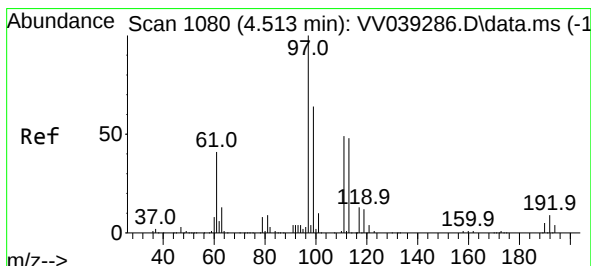
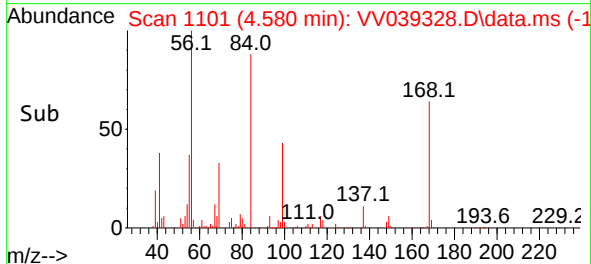
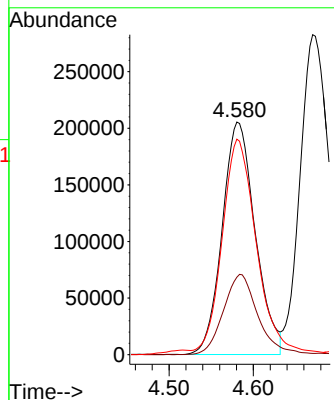
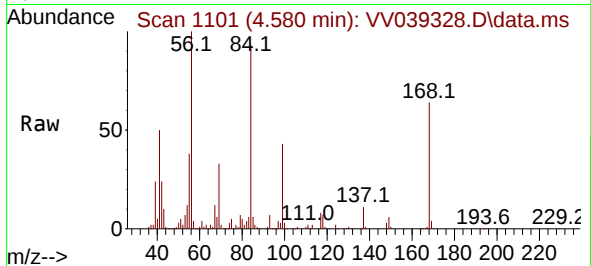




#31
Cyclohexane
Concen: 46.274 ug/l
RT: 4.580 min Scan# 1102
Delta R.T. -0.003 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

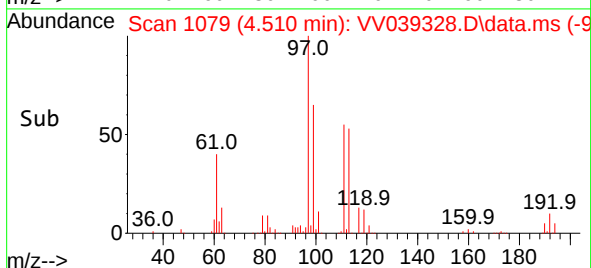
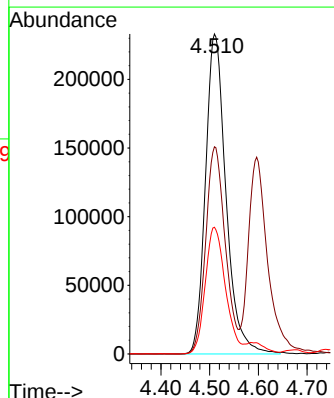
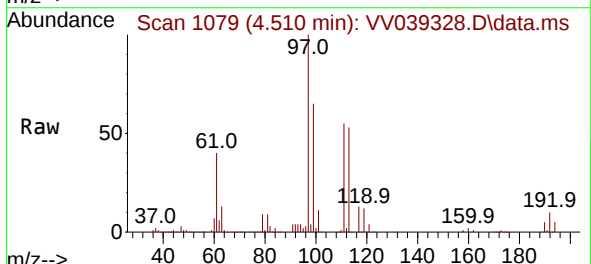
Instrument :
MSVOA_V
ClientSampleId :

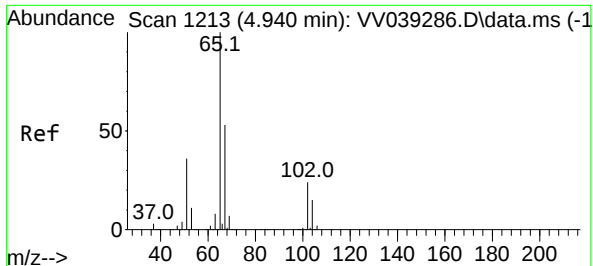
Tgt Ion: 56 Resp: 558505
Ion Ratio Lower Upper
56 100
69 33.3 27.4 41.0
84 90.8 72.8 109.2



#32
1,1,1-Trichloroethane
Concen: 46.106 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. -0.003 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

Tgt Ion: 97 Resp: 681213
Ion Ratio Lower Upper
97 100
99 61.9 48.6 72.8
61 39.1 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 53.427 ug/l

RT: 4.937 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

Instrument :

MSVOA_V

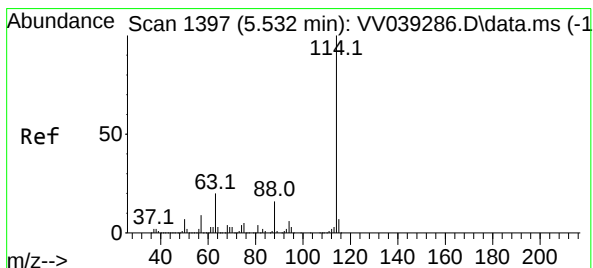
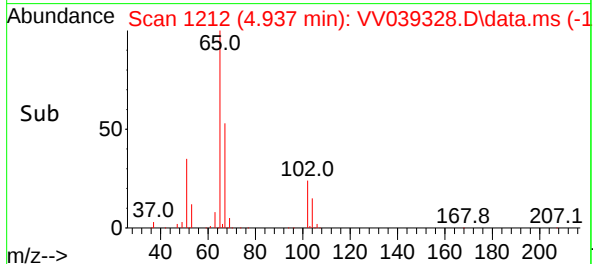
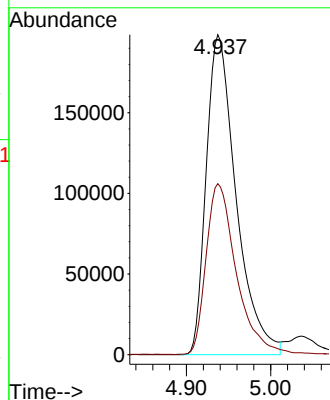
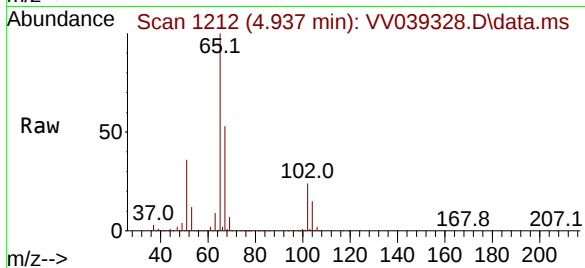
ClientSampleId :

Tgt Ion: 65 Resp: 489297

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

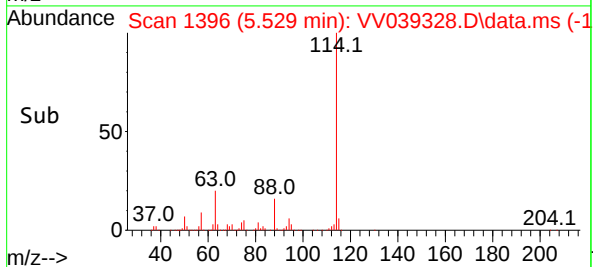
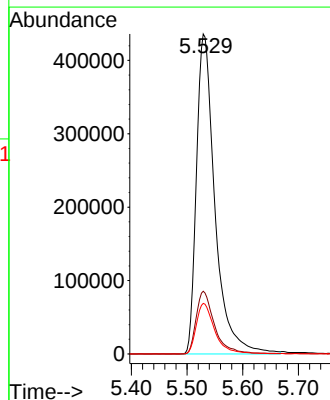
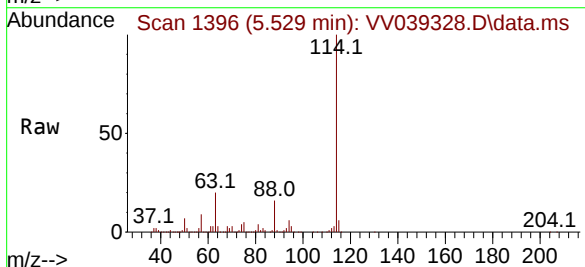
Tgt Ion: 114 Resp: 1006974

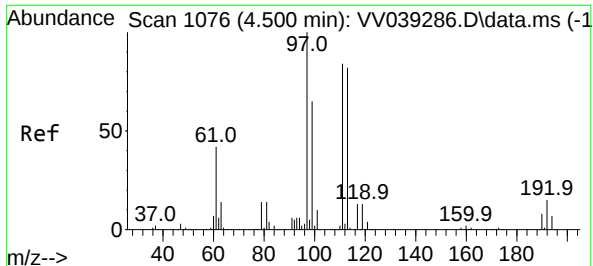
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 15.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 53.920 ug/l

RT: 4.497 min Scan# 110

Delta R.T. -0.003 min

Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

Instrument :

MSVOA_V

ClientSampleId :

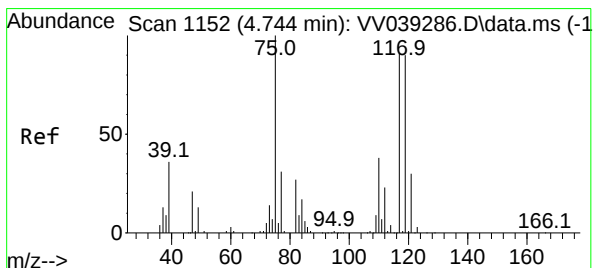
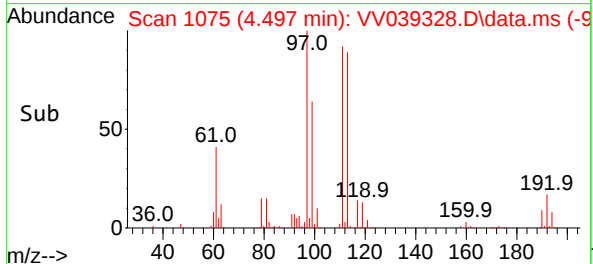
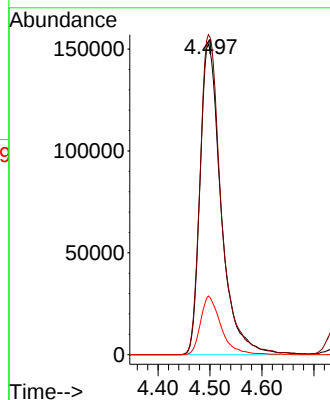
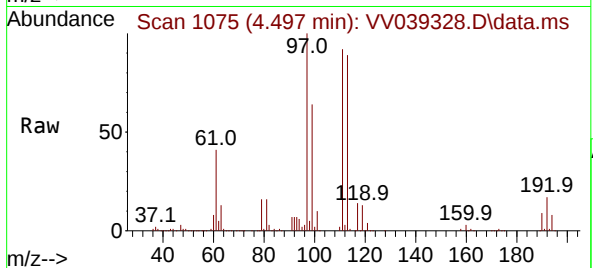
Tgt Ion:113 Resp: 427817

Ion Ratio Lower Upper

113 100

111 103.7 82.0 123.0

192 18.4 14.3 21.5



#36

1,1-Dichloropropene

Concen: 49.285 ug/l

RT: 4.741 min Scan# 1151

Delta R.T. -0.003 min

Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

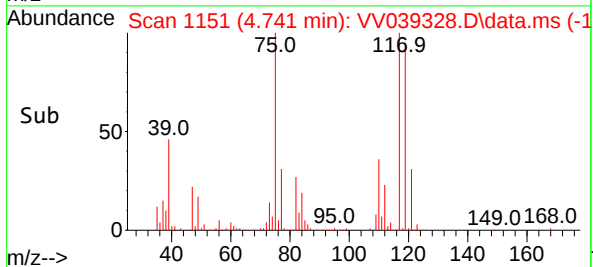
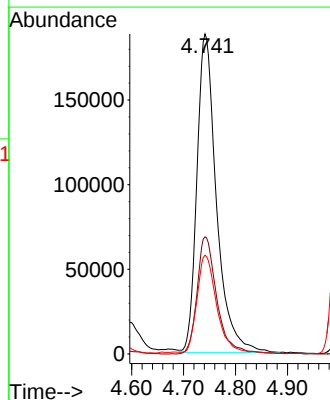
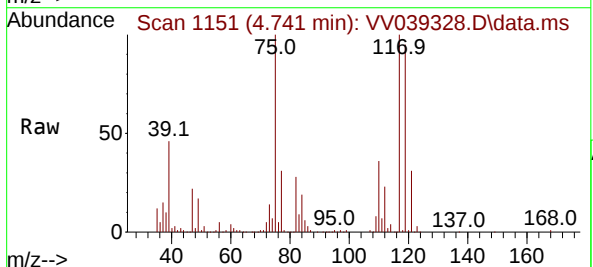
Tgt Ion: 75 Resp: 491141

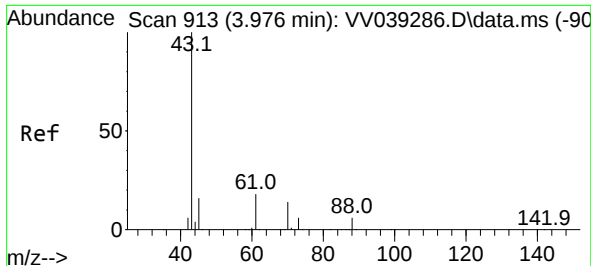
Ion Ratio Lower Upper

75 100

110 37.2 18.9 56.7

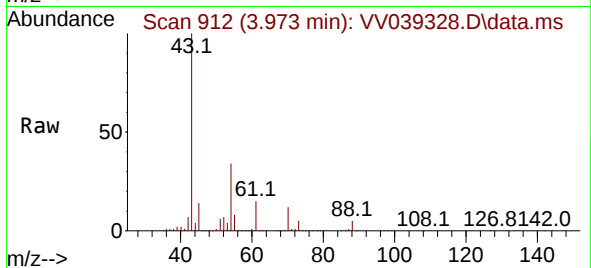
77 29.9 24.1 36.1



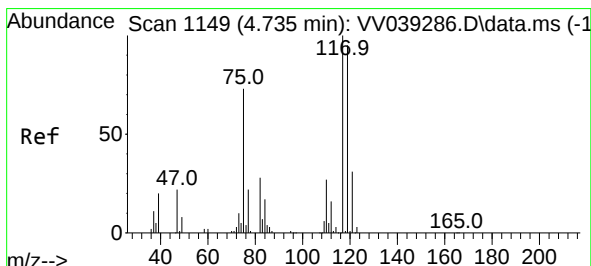
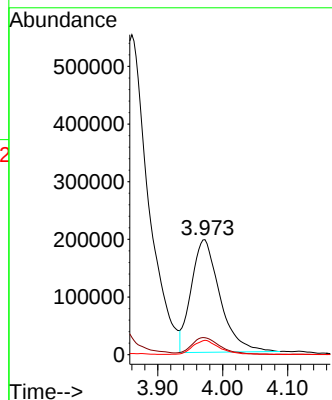
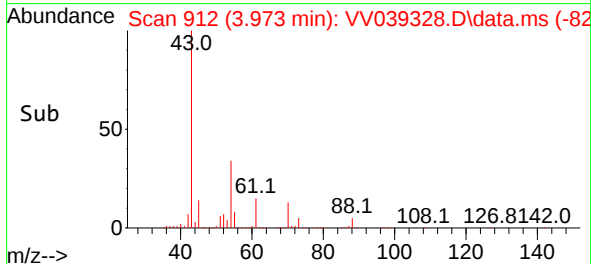


#37
Ethyl Acetate
Concen: 51.484 ug/l
RT: 3.973 min Scan# 913
Delta R.T. -0.003 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

Instrument :
MSVOA_V
ClientSampleId :

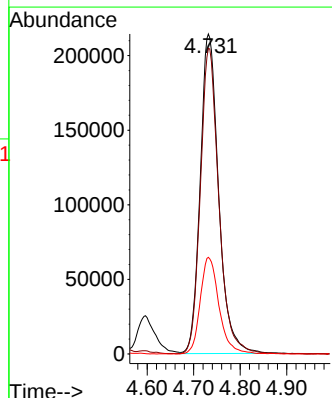
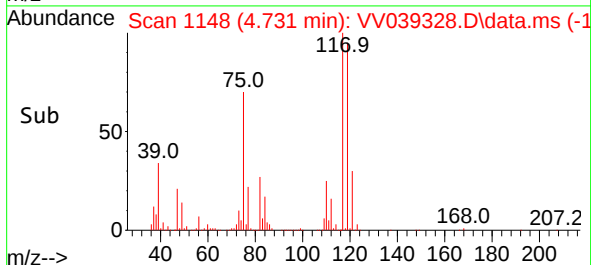
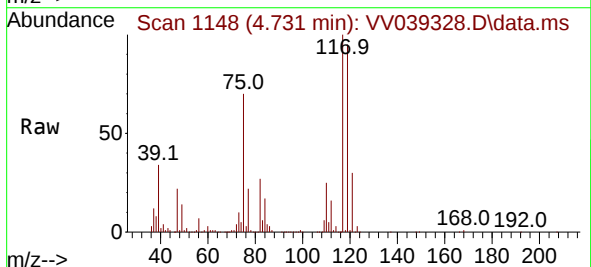


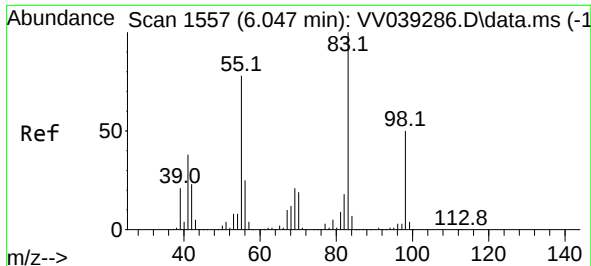
Tgt Ion: 43 Resp: 600646
Ion Ratio Lower Upper
43 100
61 14.8 12.2 18.2
70 11.5 9.0 13.4



#38
Carbon Tetrachloride
Concen: 48.638 ug/l
RT: 4.731 min Scan# 1148
Delta R.T. -0.003 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

Tgt Ion: 117 Resp: 590516
Ion Ratio Lower Upper
117 100
119 95.5 75.9 113.9
121 30.2 24.6 37.0





#39

Methylcyclohexane

Concen: 48.456 ug/l

RT: 6.043 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

Instrument :

MSVOA_V

ClientSampleId :

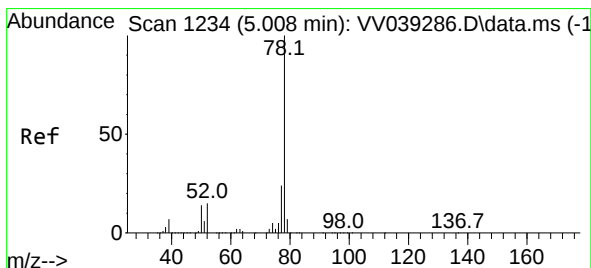
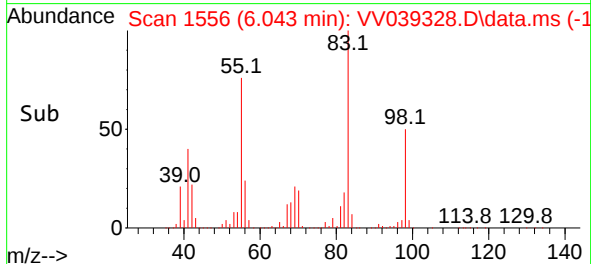
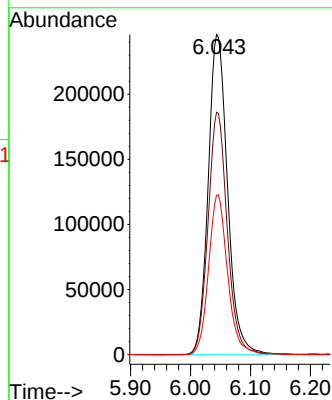
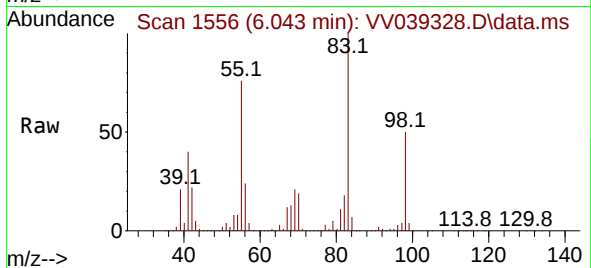
Tgt Ion: 83 Resp: 551885

Ion Ratio Lower Upper

83 100

55 75.7 62.1 93.1

98 49.8 40.2 60.4



#40

Benzene

Concen: 52.135 ug/l

RT: 5.005 min Scan# 1233

Delta R.T. -0.003 min

Lab File: VV039328.D

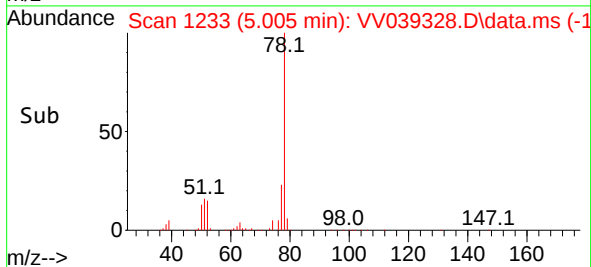
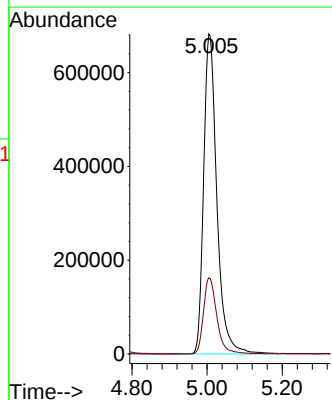
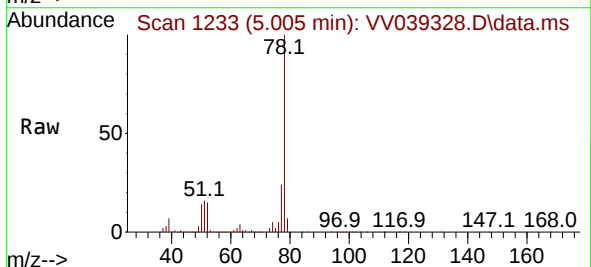
Acq: 05 Nov 2025 11:34

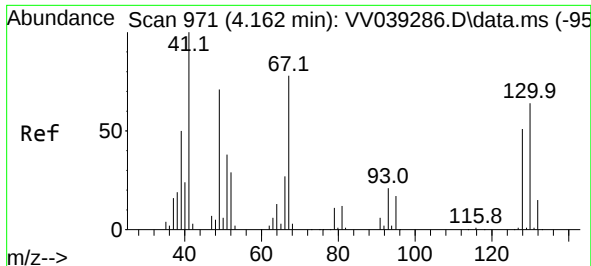
Tgt Ion: 78 Resp: 1667129

Ion Ratio Lower Upper

78 100

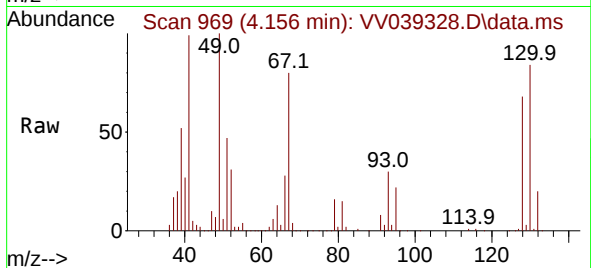
77 23.8 18.9 28.3



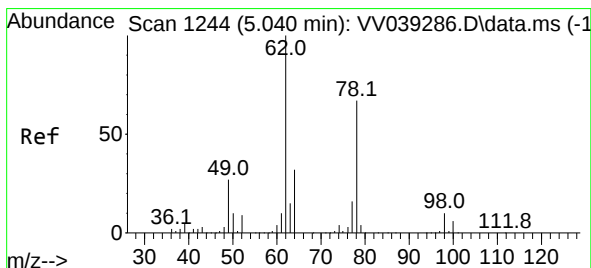
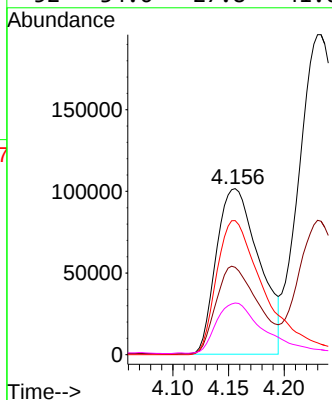
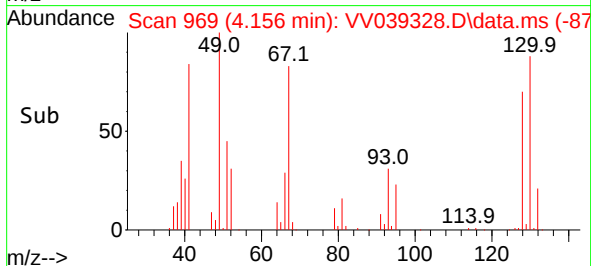


#41
Methacrylonitrile
Concen: 54.408 ug/l
RT: 4.156 min Scan# 91
Delta R.T. -0.006 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

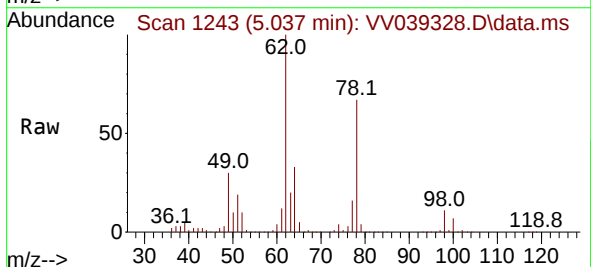
Instrument :
MSVOA_V
ClientSampleId :



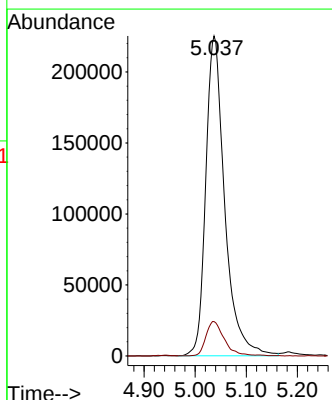
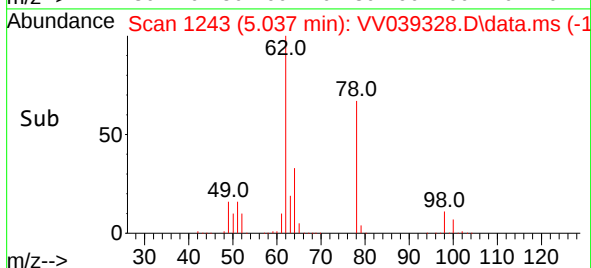
Tgt Ion:	41	Resp:	272254
Ion	Ratio	Lower	Upper
41	100		
39	52.2	40.9	61.3
67	93.9	73.1	109.7
52	34.6	27.8	41.6

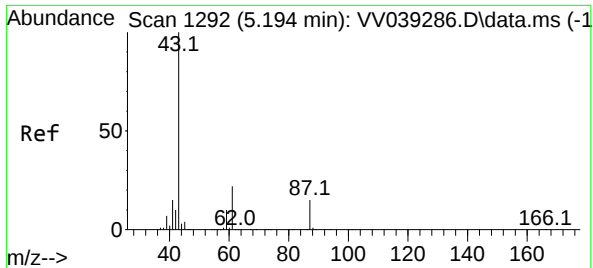


#42
1,2-Dichloroethane
Concen: 51.650 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. -0.003 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34



Tgt Ion:	62	Resp:	579666
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	21.0

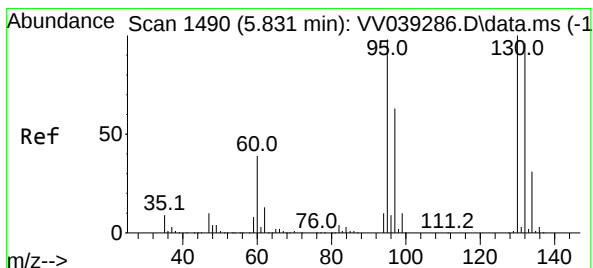
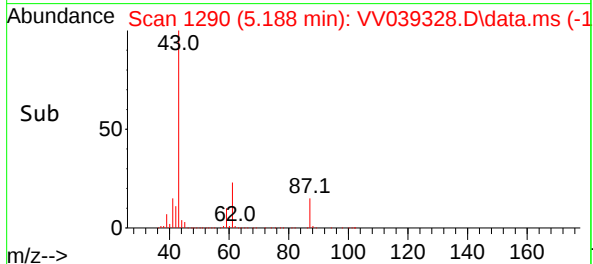
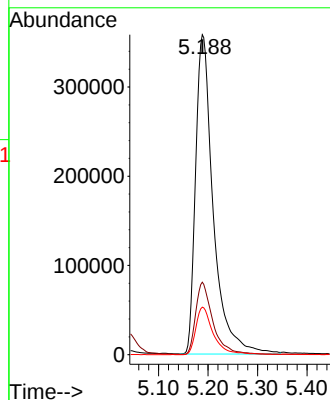
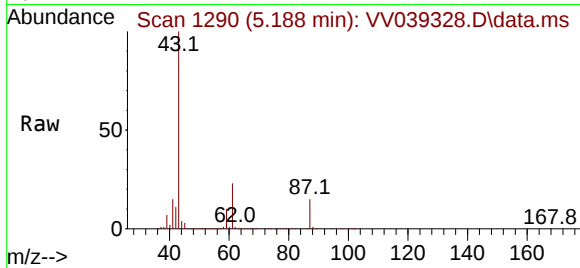




#43
Isopropyl Acetate
Concen: 58.395 ug/l
RT: 5.188 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

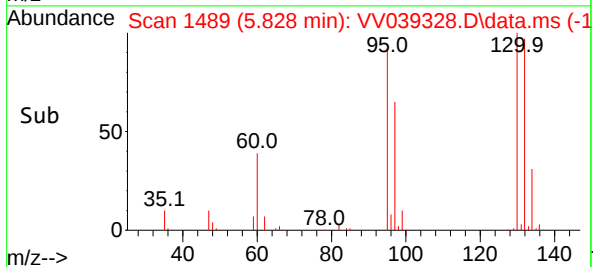
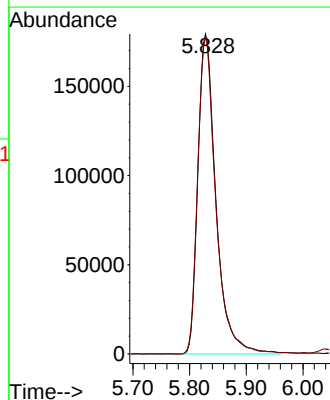
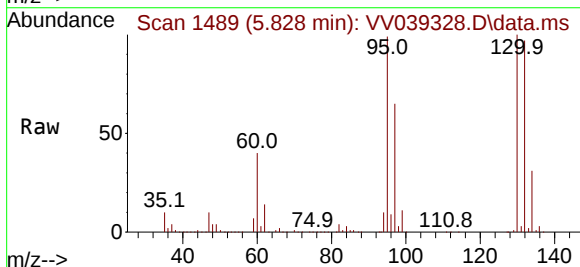
Instrument :
MSVOA_V
ClientSampleId :

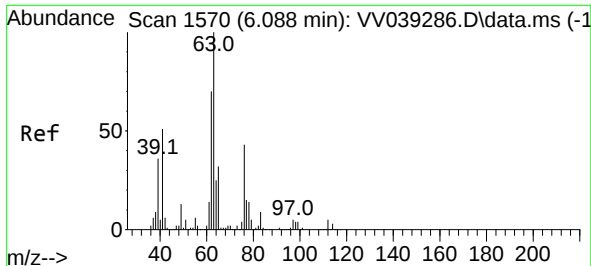
Tgt Ion: 43 Resp: 891916
Ion Ratio Lower Upper
43 100
61 21.9 17.1 25.7
87 14.7 11.5 17.3



#44
Trichloroethene
Concen: 49.447 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. -0.003 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

Tgt Ion:130 Resp: 397621
Ion Ratio Lower Upper
130 100
95 99.2 0.0 196.6





#45

1,2-Dichloropropane

Concen: 55.458 ug/l

RT: 6.085 min Scan# 1569

Delta R.T. -0.003 min

Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

Instrument :

MSVOA_V

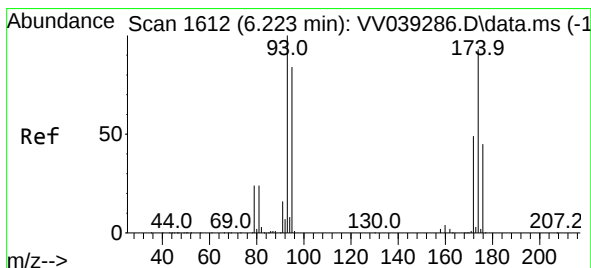
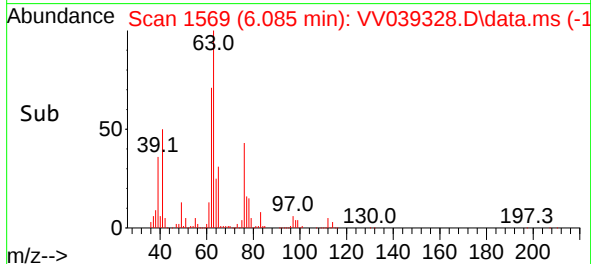
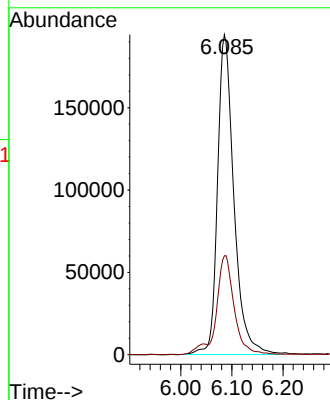
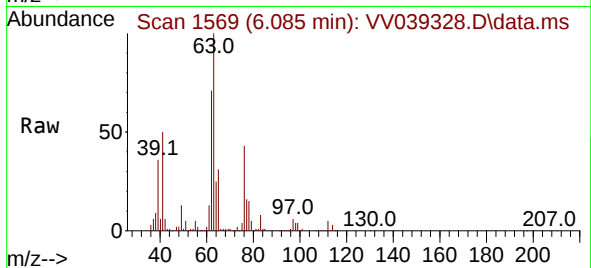
ClientSampleId :

Tgt Ion: 63 Resp: 431534

Ion Ratio Lower Upper

63 100

65 30.9 25.4 38.2



#46

Dibromomethane

Concen: 52.550 ug/l

RT: 6.220 min Scan# 1611

Delta R.T. -0.003 min

Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

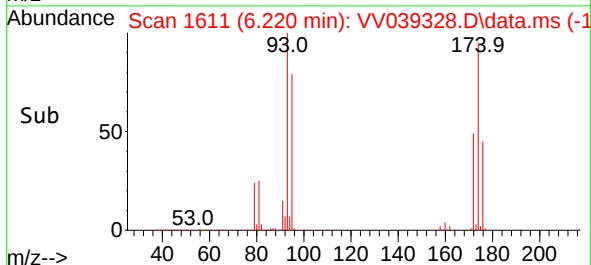
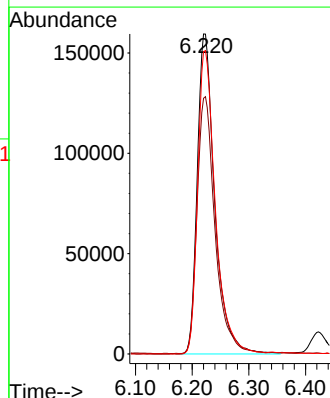
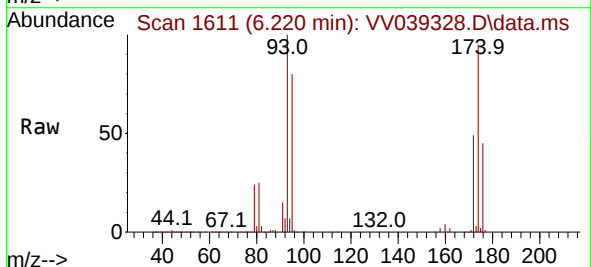
Tgt Ion: 93 Resp: 341783

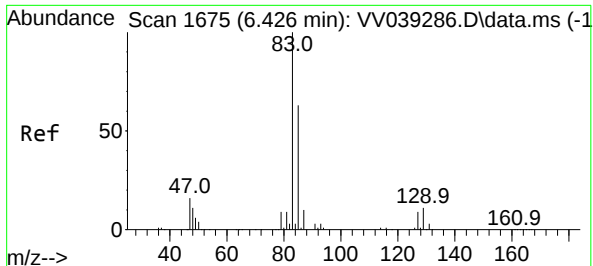
Ion Ratio Lower Upper

93 100

95 82.7 65.6 98.4

174 95.9 74.6 112.0

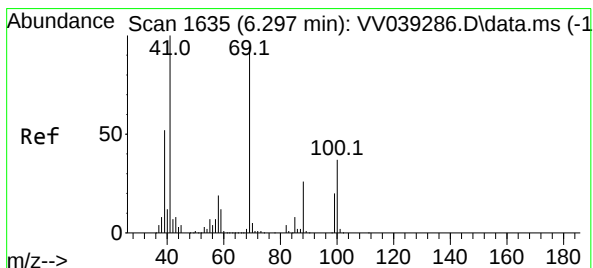
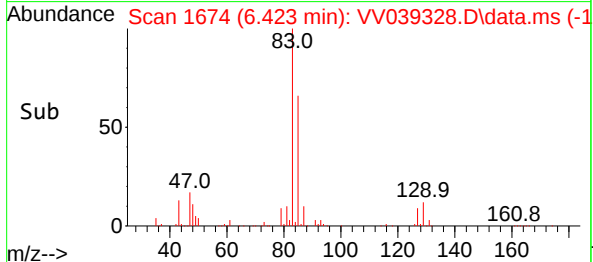
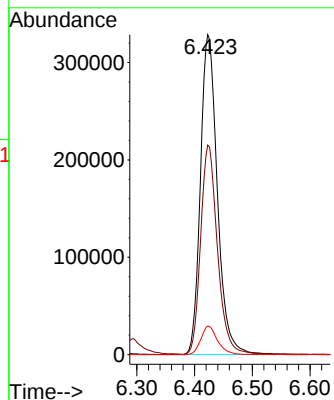
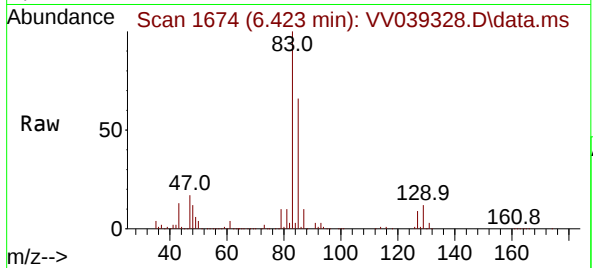




#47
Bromodichloromethane
Concen: 52.185 ug/l
RT: 6.423 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

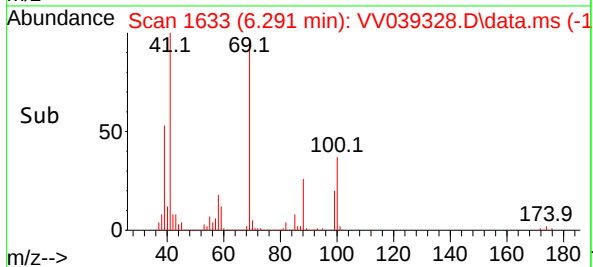
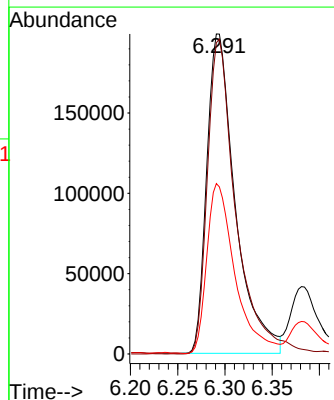
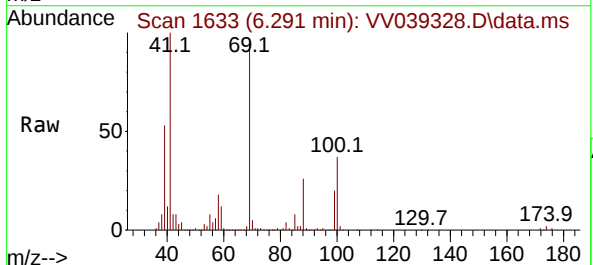
Instrument :
MSVOA_V
ClientSampleId :

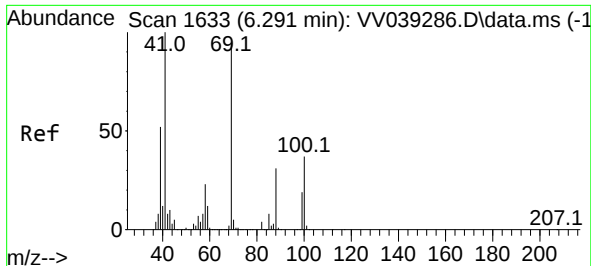
Tgt Ion: 83 Resp: 668756
Ion Ratio Lower Upper
83 100
85 65.4 50.9 76.3
127 8.9 7.0 10.6



#48
Methyl methacrylate
Concen: 58.943 ug/l
RT: 6.291 min Scan# 1633
Delta R.T. -0.006 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

Tgt Ion: 41 Resp: 417085
Ion Ratio Lower Upper
41 100
69 98.6 77.2 115.8
39 52.7 41.4 62.0





#49

1,4-Dioxane

Concen: 1103.786 ug/l

RT: 6.288 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

Instrument :

MSVOA_V

ClientSampleId :

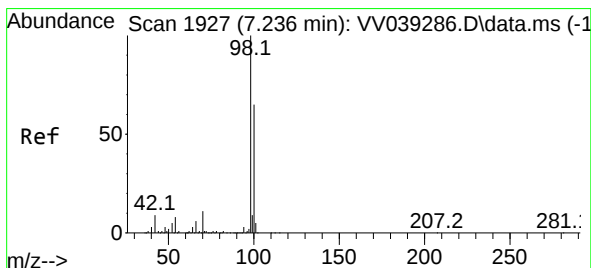
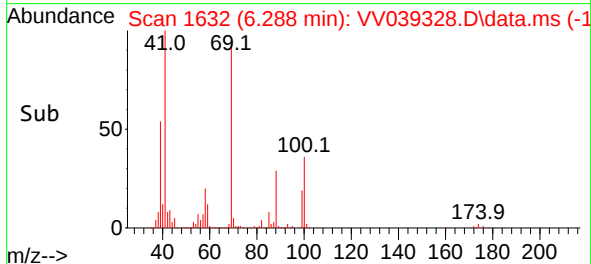
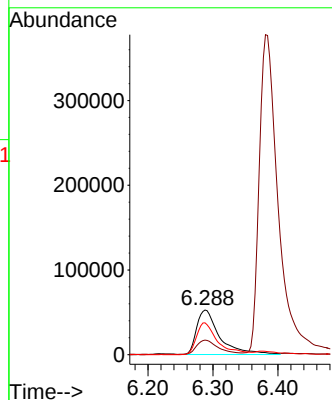
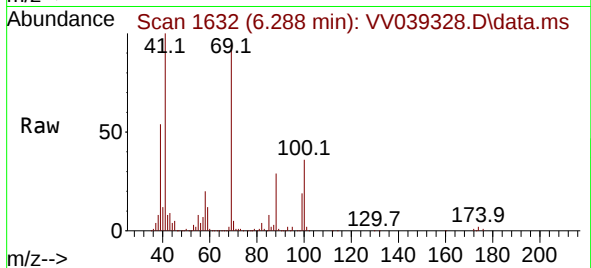
Tgt Ion: 88 Resp: 129928

Ion Ratio Lower Upper

88 100

43 30.5 24.1 36.1

58 66.1 57.6 86.4



#50

Toluene-d8

Concen: 54.509 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.003 min

Lab File: VV039328.D

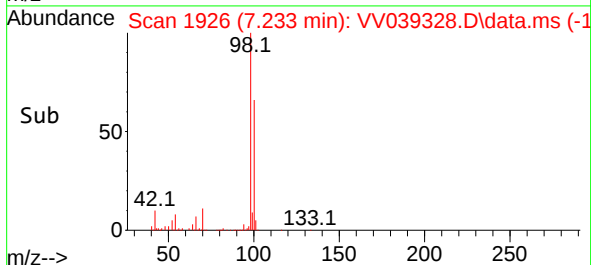
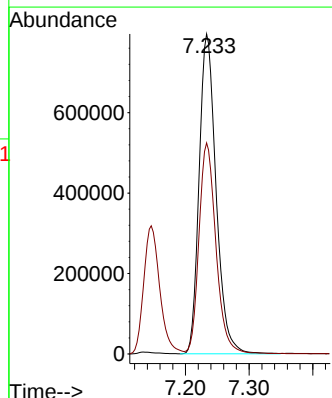
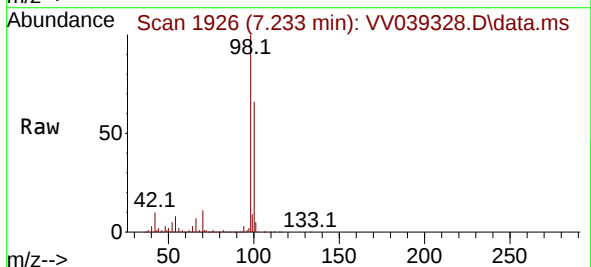
Acq: 05 Nov 2025 11:34

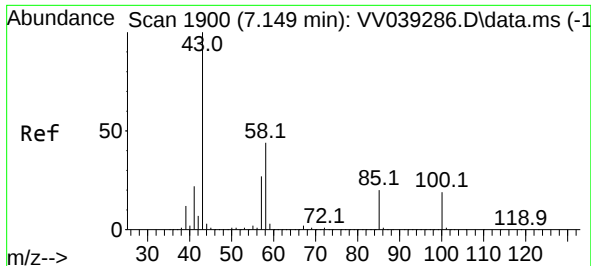
Tgt Ion: 98 Resp: 1471302

Ion Ratio Lower Upper

98 100

100 65.8 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 292.211 ug/l

RT: 7.146 min Scan# 1899

Delta R.T. -0.003 min

Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

Instrument :

MSVOA_V

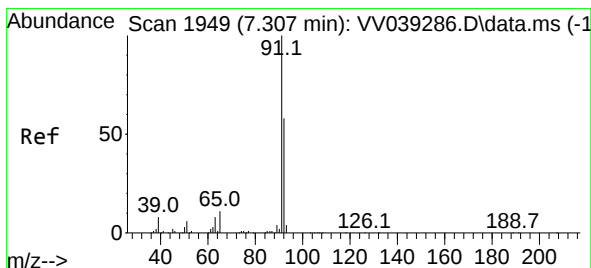
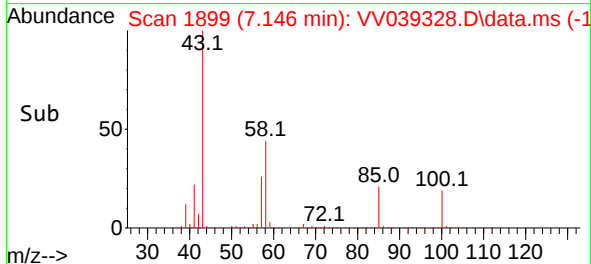
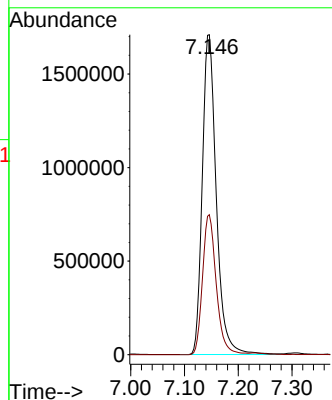
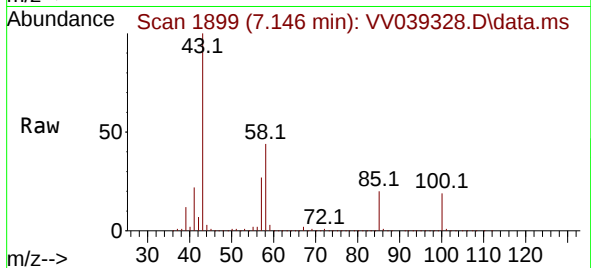
ClientSampleId :

Tgt Ion: 43 Resp: 3096474

Ion Ratio Lower Upper

43 100

58 42.9 34.2 51.4



#52

Toluene

Concen: 55.125 ug/l

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV039328.D

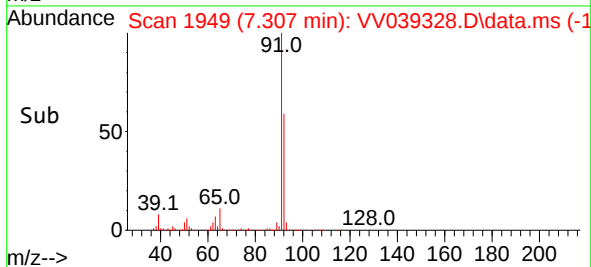
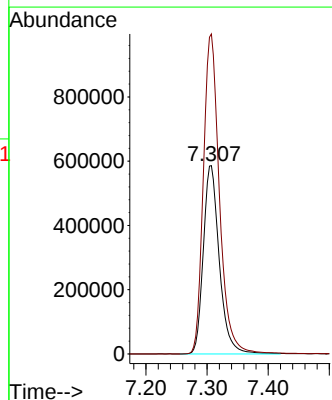
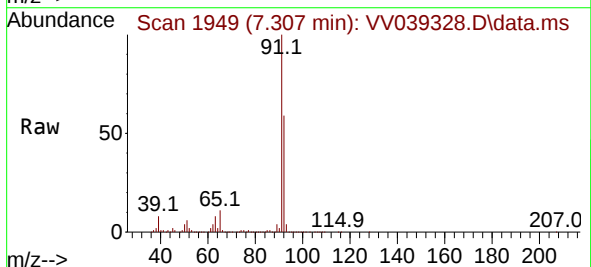
Acq: 05 Nov 2025 11:34

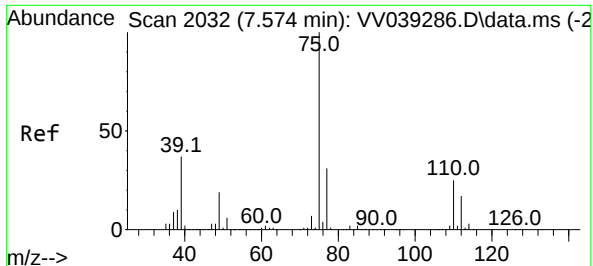
Tgt Ion: 92 Resp: 1064354

Ion Ratio Lower Upper

92 100

91 170.8 137.3 205.9

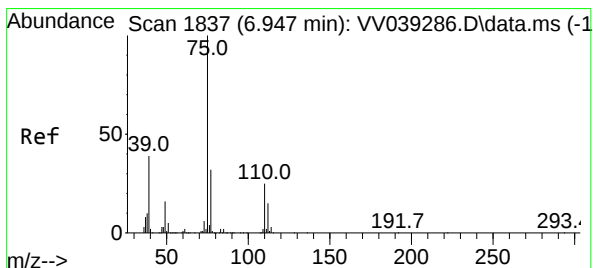
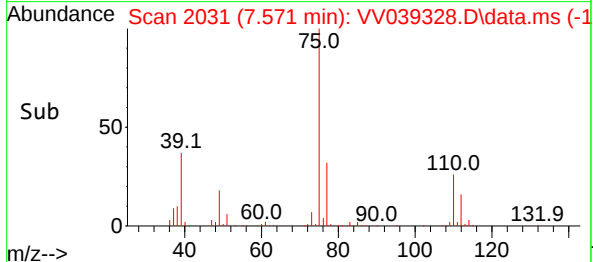
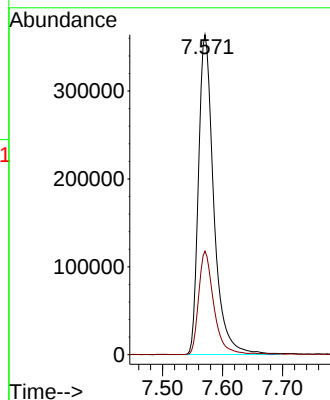
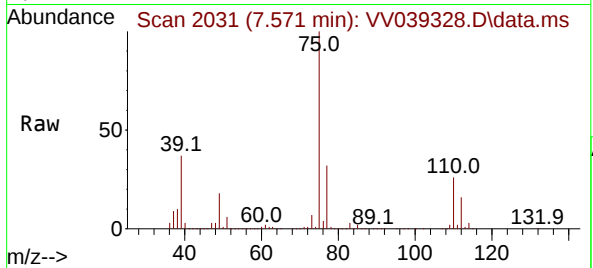




#53
 t-1,3-Dichloropropene
 Concen: 57.739 ug/l
 RT: 7.571 min Scan# 2032
 Delta R.T. -0.003 min
 Lab File: VV039328.D
 Acq: 05 Nov 2025 11:34

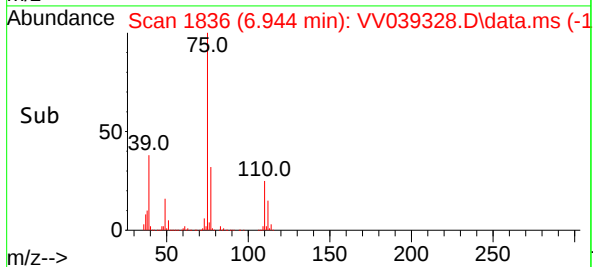
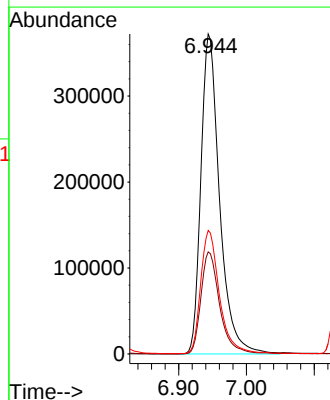
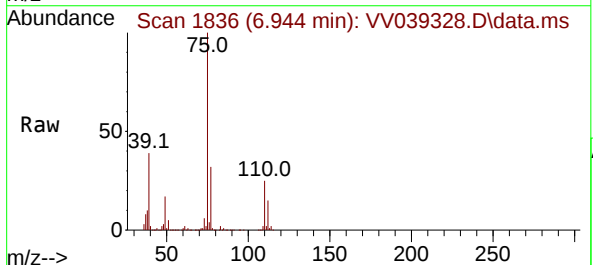
Instrument :
 MSVOA_V
 ClientSampleId :

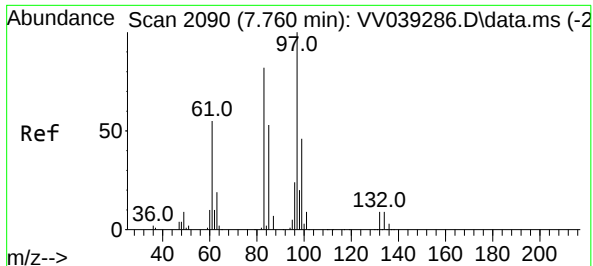
Tgt Ion: 75 Resp: 646667
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 57.125 ug/l
 RT: 6.944 min Scan# 1836
 Delta R.T. -0.003 min
 Lab File: VV039328.D
 Acq: 05 Nov 2025 11:34

Tgt Ion: 75 Resp: 711311
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.6 38.4
 39 38.5 31.0 46.6





#55

1,1,2-Trichloroethane

Concen: 54.042 ug/l

RT: 7.757 min Scan# 2090

Delta R.T. -0.003 min

Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 471151

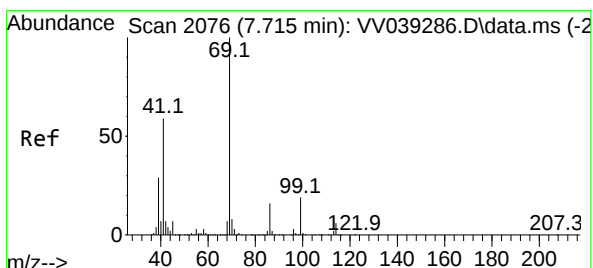
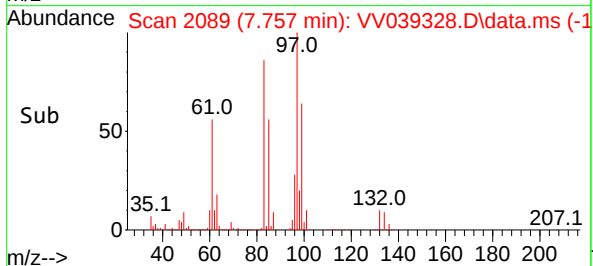
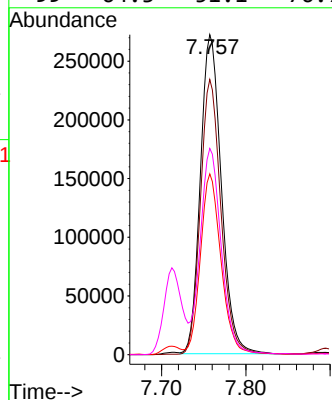
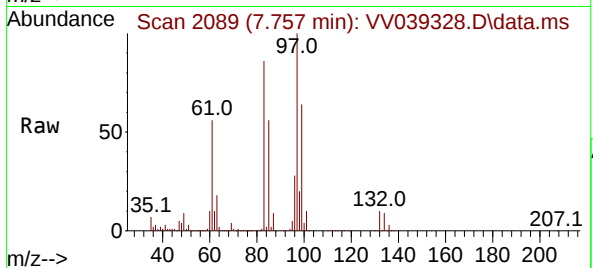
Ion Ratio Lower Upper

97 100

83 86.1 65.8 98.8

85 56.4 43.3 64.9

99 64.3 51.1 76.7



#56

Ethyl methacrylate

Concen: 64.977 ug/l

RT: 7.712 min Scan# 2075

Delta R.T. -0.003 min

Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

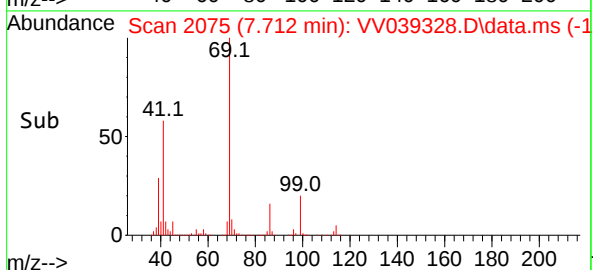
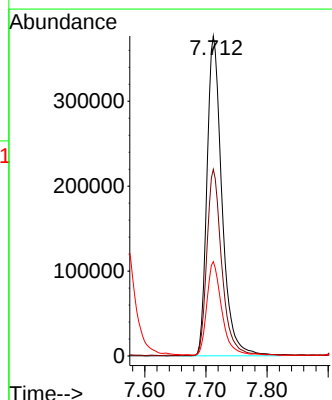
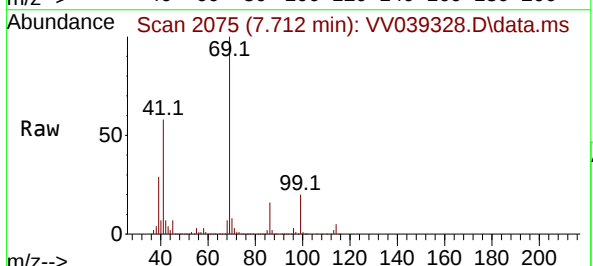
Tgt Ion: 69 Resp: 641802

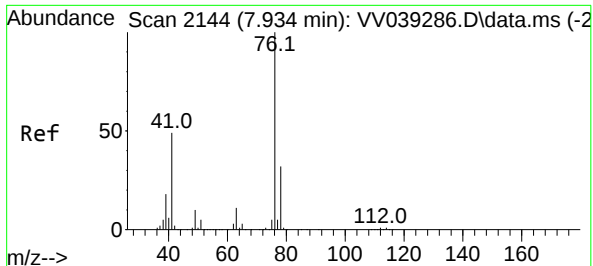
Ion Ratio Lower Upper

69 100

41 58.1 47.1 70.7

39 29.3 23.2 34.8





#57

1,3-Dichloropropane

Concen: 56.468 ug/l

RT: 7.931 min Scan# 2144

Delta R.T. -0.003 min

Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

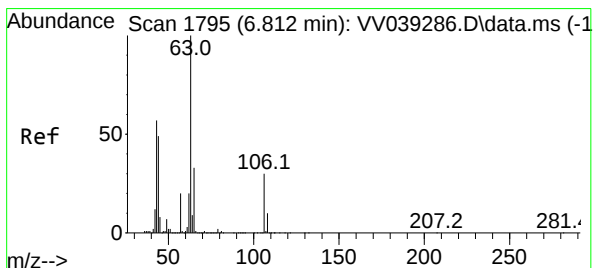
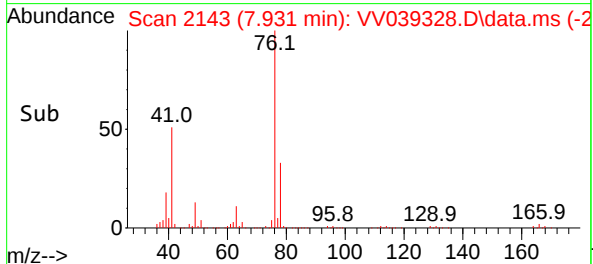
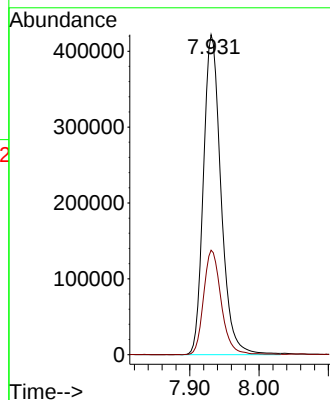
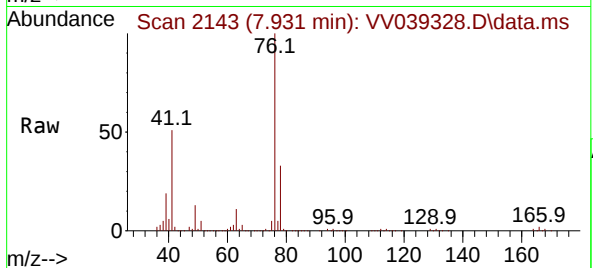
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 76 Resp: 742902

Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.6	38.4



#58

2-Chloroethyl Vinyl ether

Concen: 298.376 ug/l

RT: 6.809 min Scan# 1794

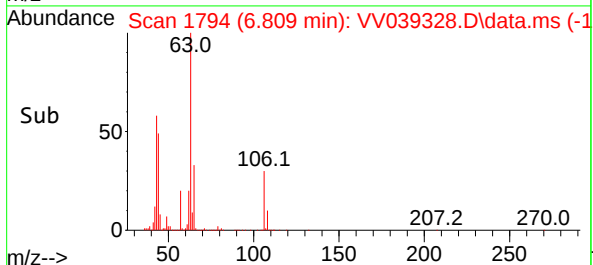
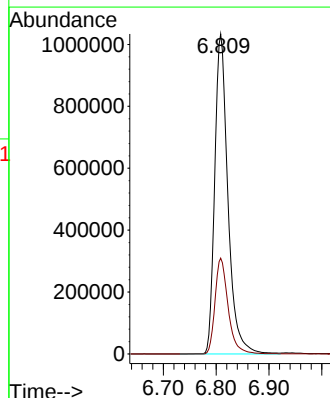
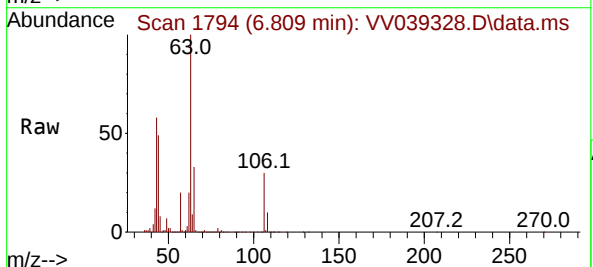
Delta R.T. -0.003 min

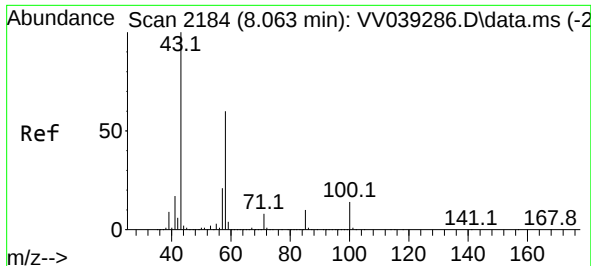
Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

Tgt Ion: 63 Resp: 1793544

Ion	Ratio	Lower	Upper
63	100		
106	29.7	23.5	35.3





#59

2-Hexanone

Concen: 298.284 ug/l

RT: 8.059 min Scan# 2183

Delta R.T. -0.003 min

Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

Instrument :

MSVOA_V

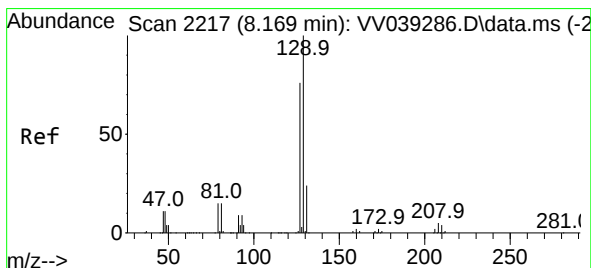
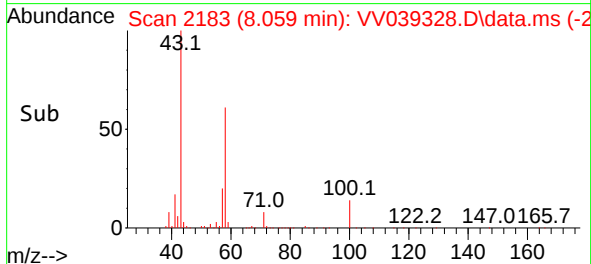
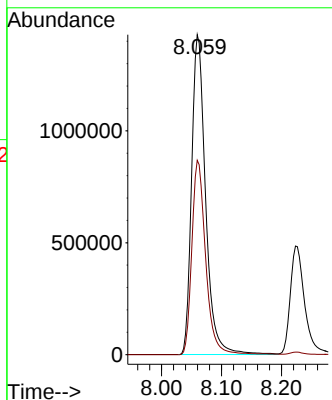
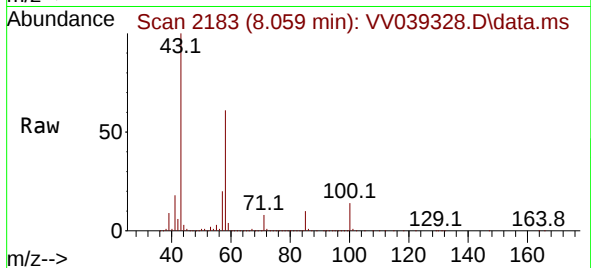
ClientSampleId :

Tgt Ion: 43 Resp: 2320510

Ion Ratio Lower Upper

43 100

58 60.3 29.6 88.9



#60

Dibromochloromethane

Concen: 54.162 ug/l

RT: 8.165 min Scan# 2216

Delta R.T. -0.003 min

Lab File: VV039328.D

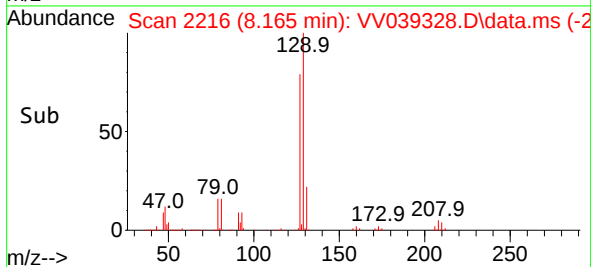
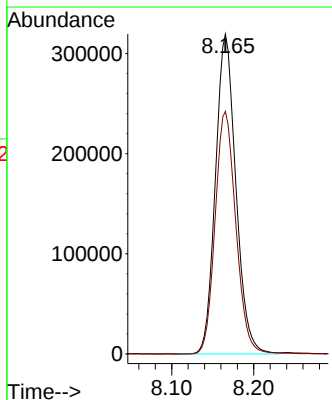
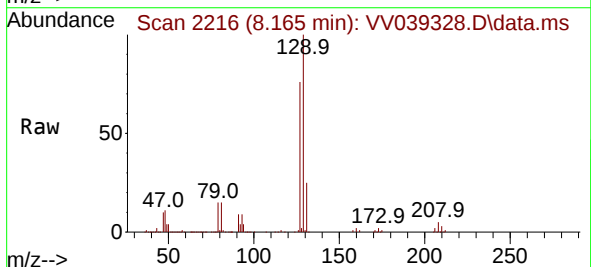
Acq: 05 Nov 2025 11:34

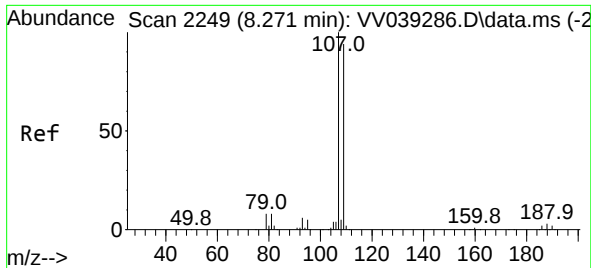
Tgt Ion: 129 Resp: 552108

Ion Ratio Lower Upper

129 100

127 77.1 38.4 115.1

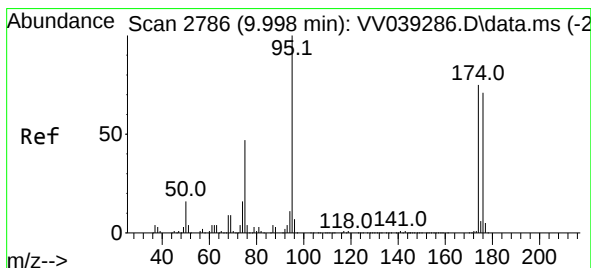
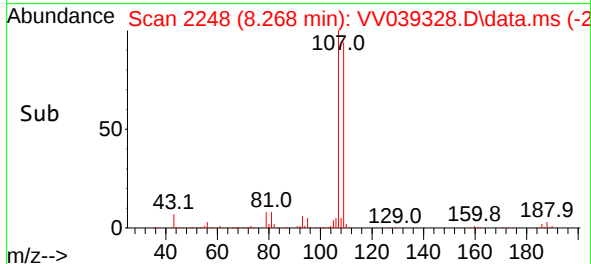
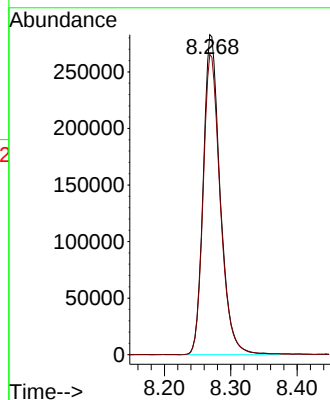
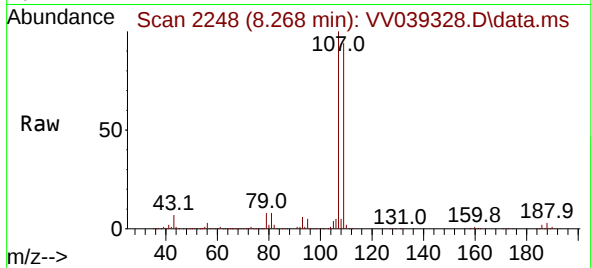




#61
1,2-Dibromoethane
Concen: 55.351 ug/l
RT: 8.268 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

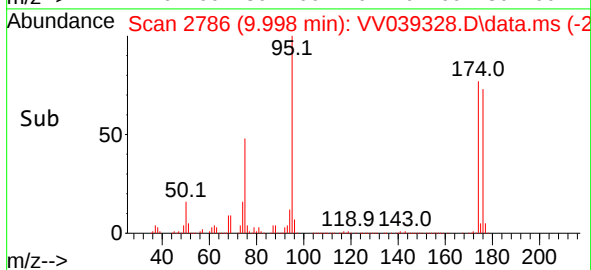
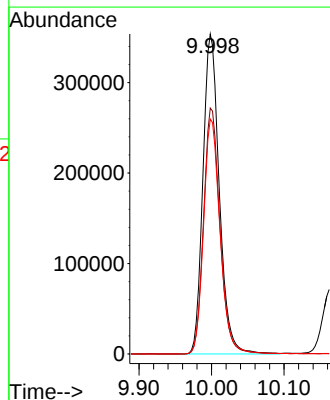
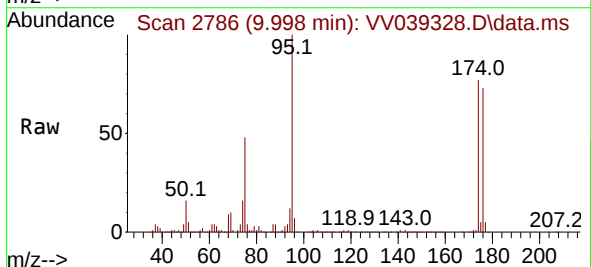
Instrument :
MSVOA_V
ClientSampleId :

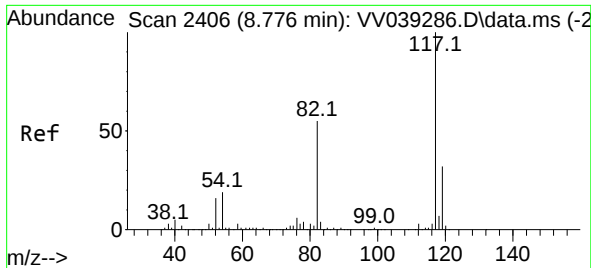
Tgt Ion:107 Resp: 502481
Ion Ratio Lower Upper
107 100
109 94.8 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 57.691 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

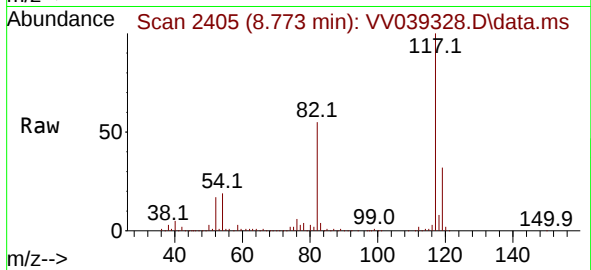
Tgt Ion: 95 Resp: 554577
Ion Ratio Lower Upper
95 100
174 77.0 0.0 153.6
176 73.9 0.0 146.0



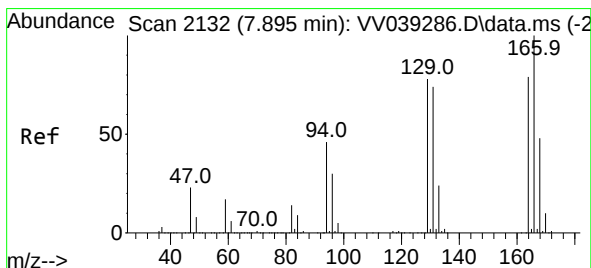
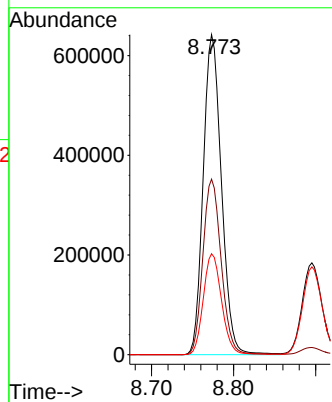
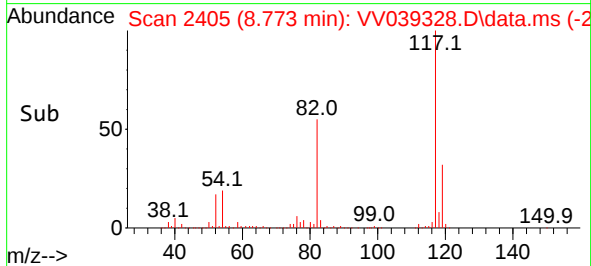


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2406
Delta R.T. -0.003 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

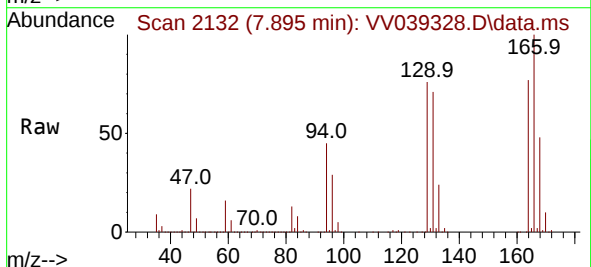
Instrument :
MSVOA_V
ClientSampleId :



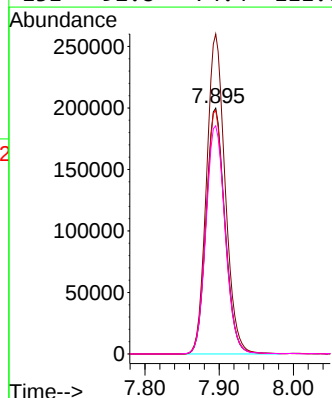
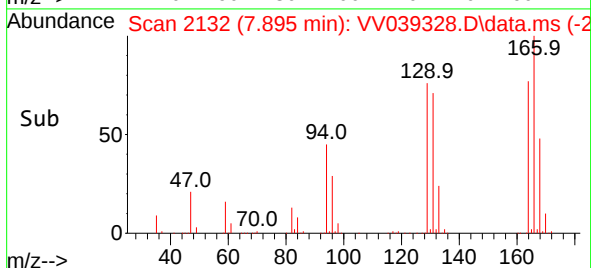
Tgt Ion:117 Resp: 993503
Ion Ratio Lower Upper
117 100
82 54.8 43.8 65.8
119 31.6 25.8 38.6

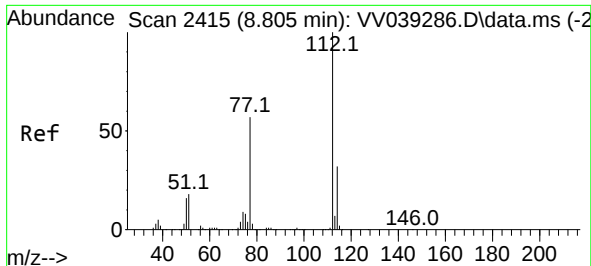


#64
Tetrachloroethene
Concen: 48.423 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34



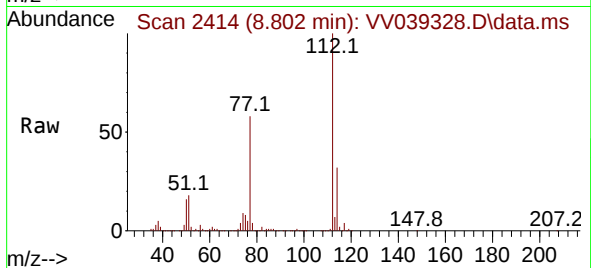
Tgt Ion:164 Resp: 350933
Ion Ratio Lower Upper
164 100
166 130.2 101.0 151.6
129 99.2 79.0 118.6
131 92.8 74.4 111.6



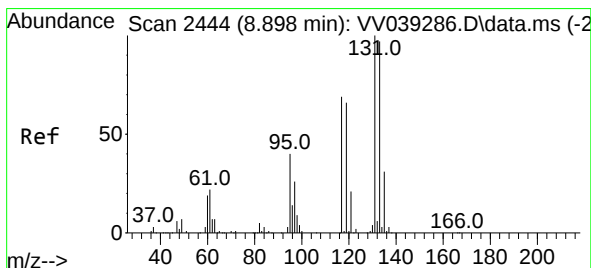
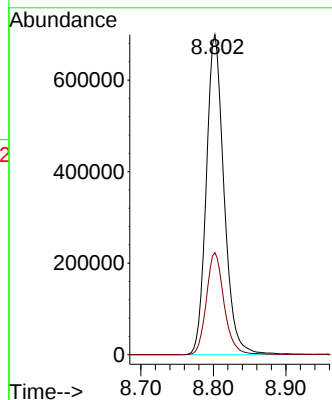
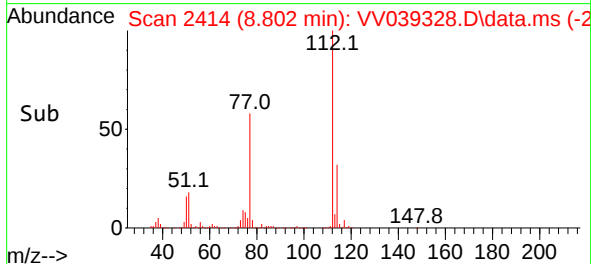


#65
Chlorobenzene
Concen: 50.566 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. -0.003 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

Instrument :
MSVOA_V
ClientSampleId :

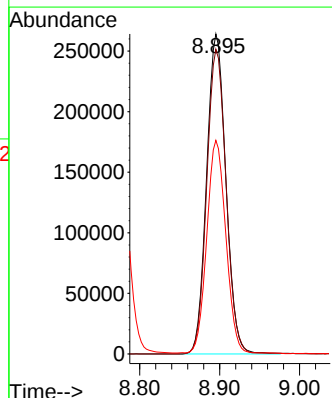
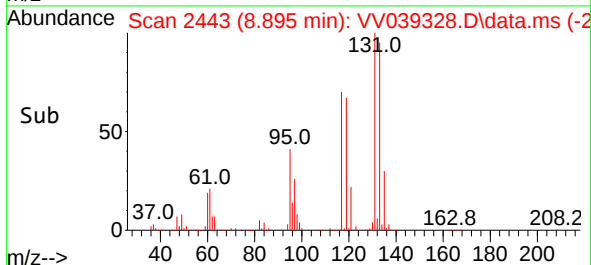
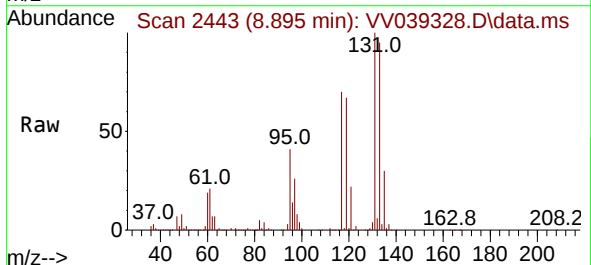


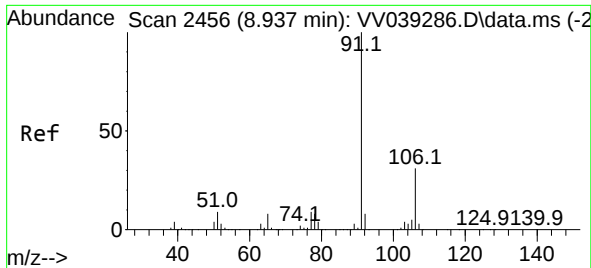
Tgt Ion:112 Resp: 1189287
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.329 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. -0.003 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

Tgt Ion:131 Resp: 443379
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.3
119 65.8 32.7 98.1

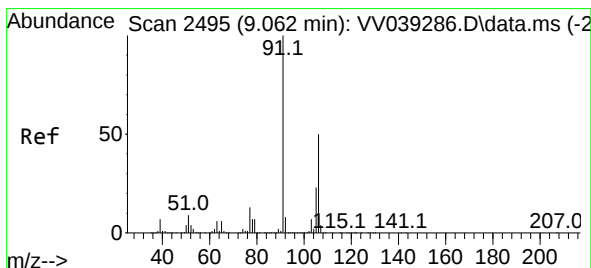
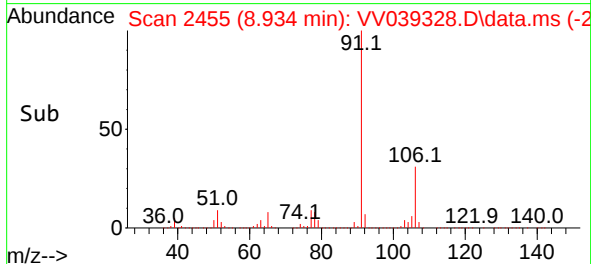
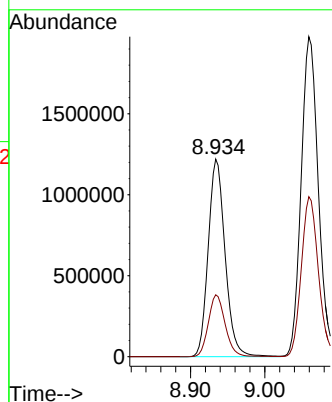
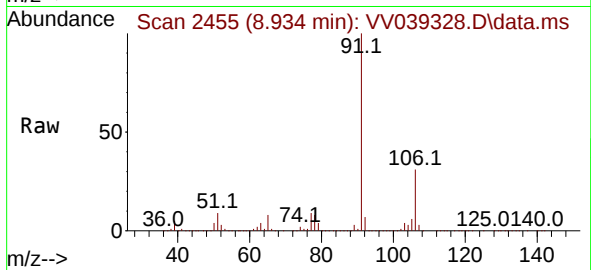




#67
Ethyl Benzene
Concen: 55.519 ug/l
RT: 8.934 min Scan# 2456
Delta R.T. -0.003 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

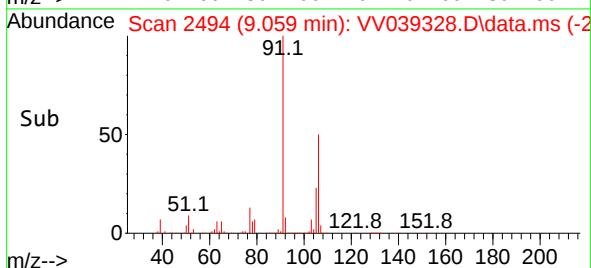
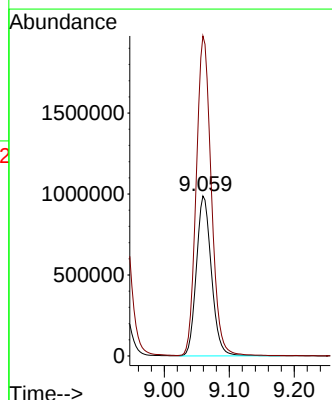
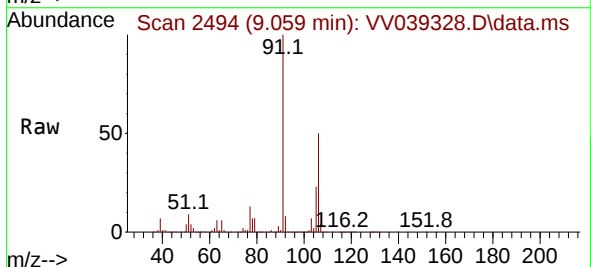
Instrument :
MSVOA_V
ClientSampleId :

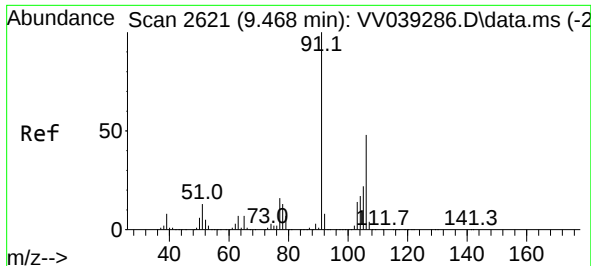
Tgt Ion: 91 Resp: 1923419
Ion Ratio Lower Upper
91 100
106 31.4 24.6 37.0



#68
m/p-Xylenes
Concen: 115.629 ug/l
RT: 9.059 min Scan# 2494
Delta R.T. -0.003 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

Tgt Ion: 106 Resp: 1588831
Ion Ratio Lower Upper
106 100
91 200.6 160.2 240.2

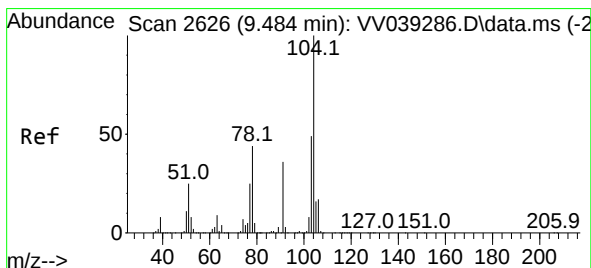
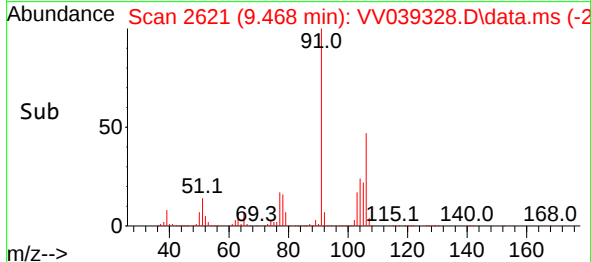
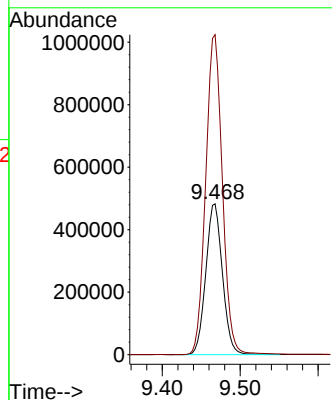
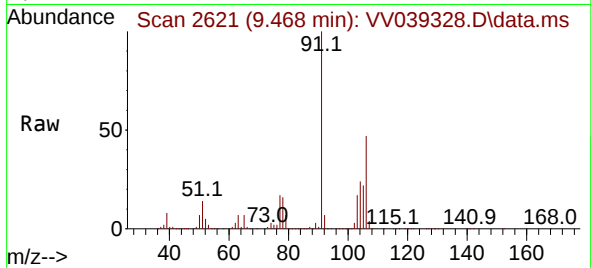




#69
o-Xylene
Concen: 58.957 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

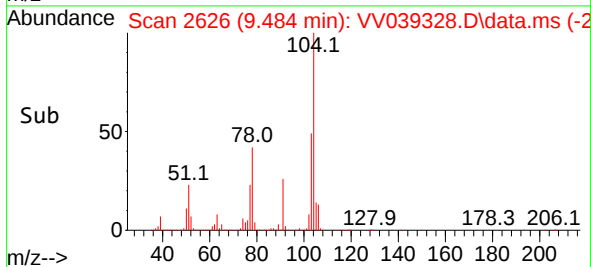
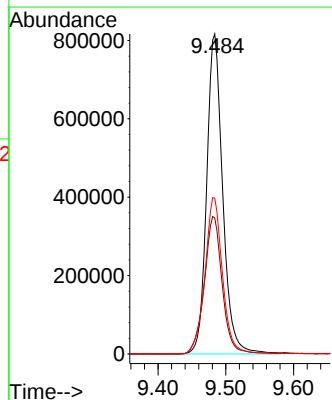
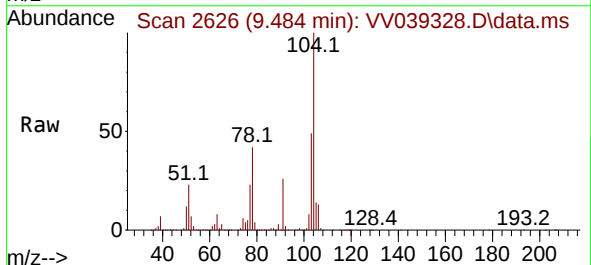
Instrument :
MSVOA_V
ClientSampleId :

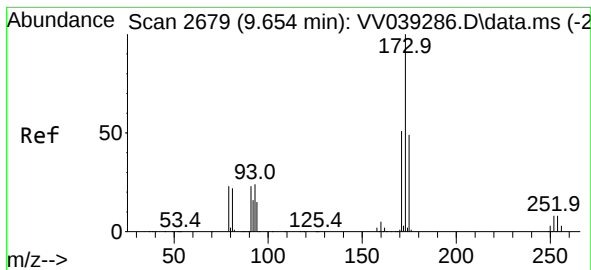
Tgt Ion:106 Resp: 715416
Ion Ratio Lower Upper
106 100
91 213.2 105.8 317.3



#70
Styrene
Concen: 62.291 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

Tgt Ion:104 Resp: 1344948
Ion Ratio Lower Upper
104 100
78 47.7 38.9 58.3
103 53.8 42.9 64.3





#71

Bromoform

Concen: 54.659 ug/l

RT: 9.651 min Scan# 2

Delta R.T. -0.003 min

Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

Instrument :

MSVOA_V

ClientSampleId :

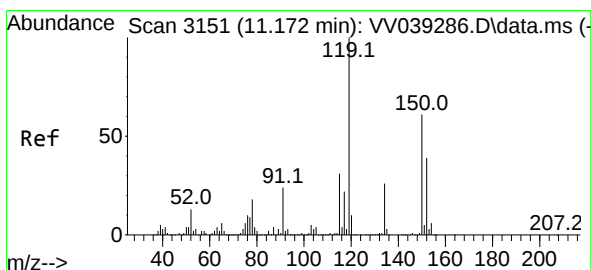
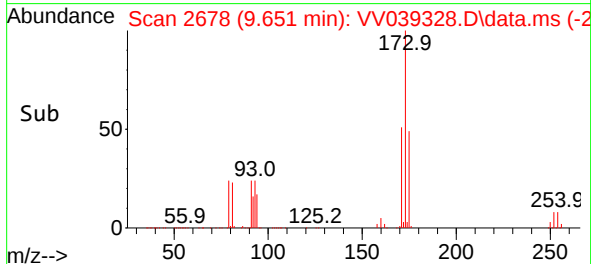
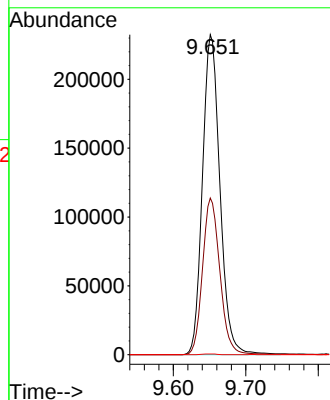
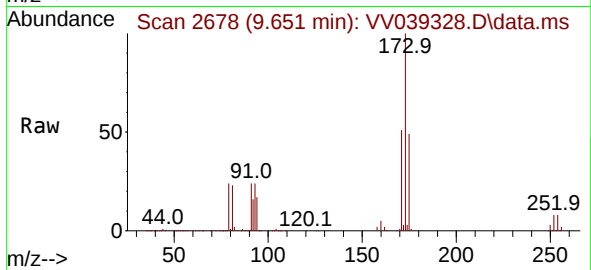
Tgt Ion:173 Resp: 389416

Ion Ratio Lower Upper

173 100

175 48.6 24.6 73.6

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

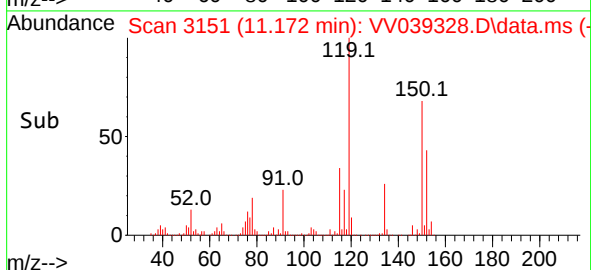
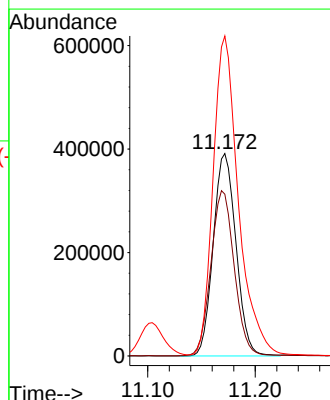
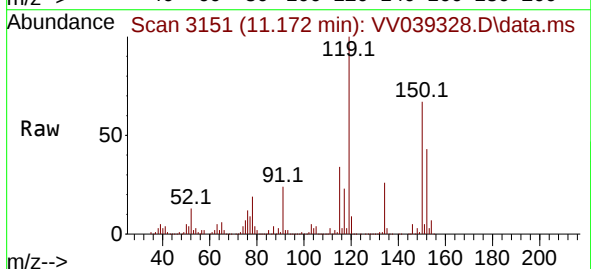
Tgt Ion:152 Resp: 575078

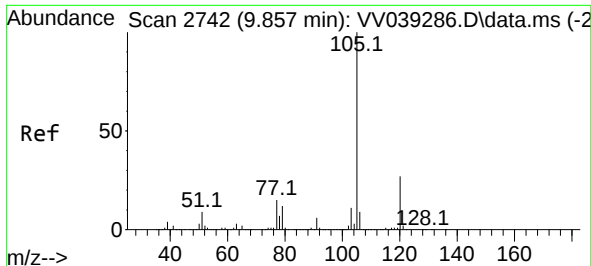
Ion Ratio Lower Upper

152 100

115 83.6 42.3 126.8

150 176.0 0.0 348.0

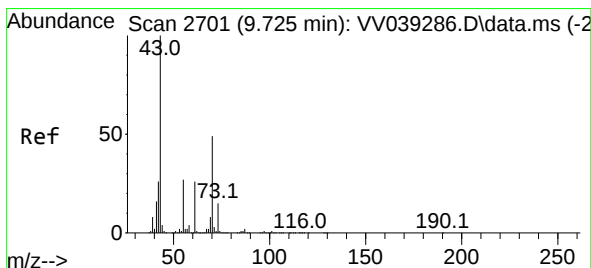
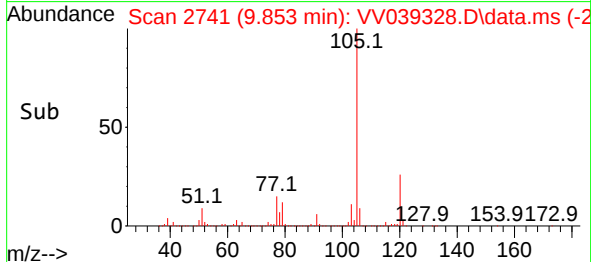
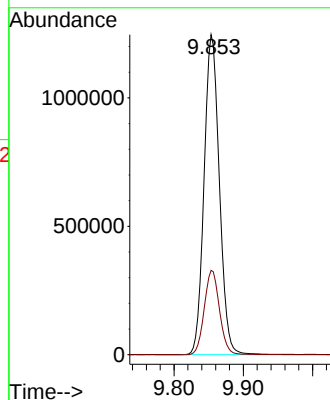
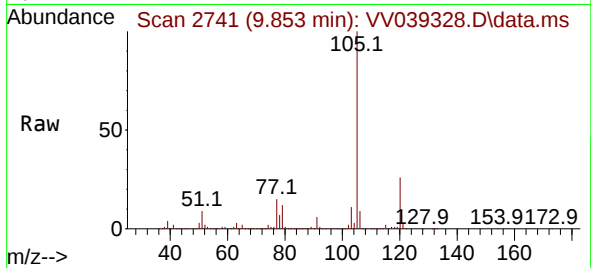




#73
Isopropylbenzene
Concen: 54.526 ug/l
RT: 9.853 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

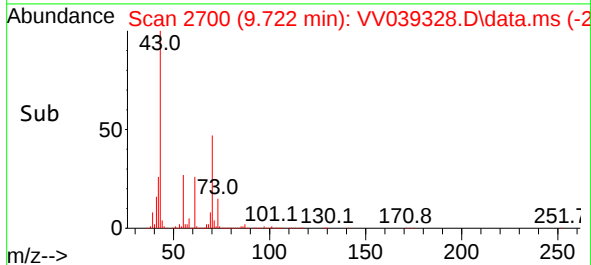
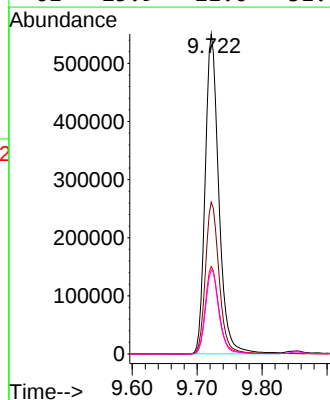
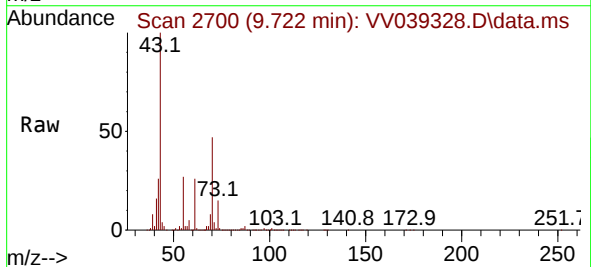
Instrument :
MSVOA_V
ClientSampleId :

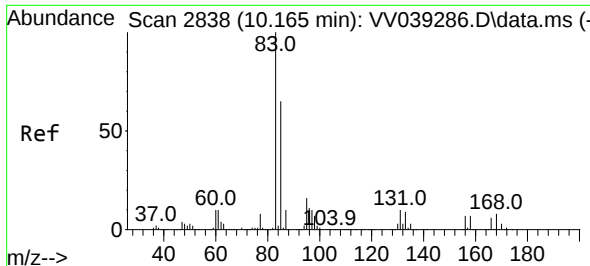
Tgt Ion:105 Resp: 1904119
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5



#74
N-ethyl acetate
Concen: 56.025 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. -0.003 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

Tgt Ion: 43 Resp: 806173
Ion Ratio Lower Upper
43 100
70 47.6 38.6 58.0
55 27.6 21.9 32.9
61 25.9 21.0 31.4

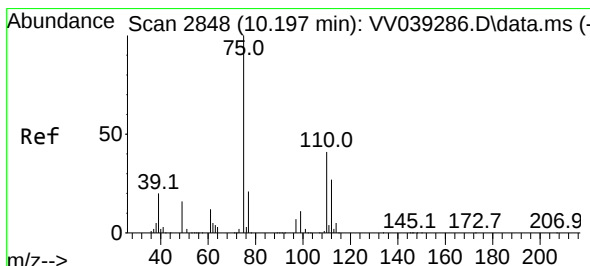
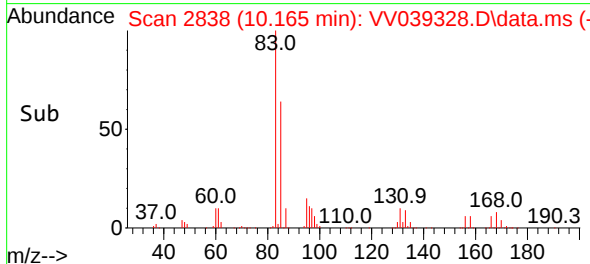
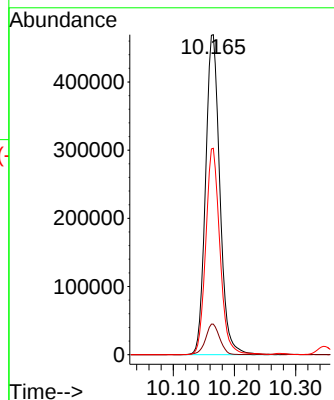
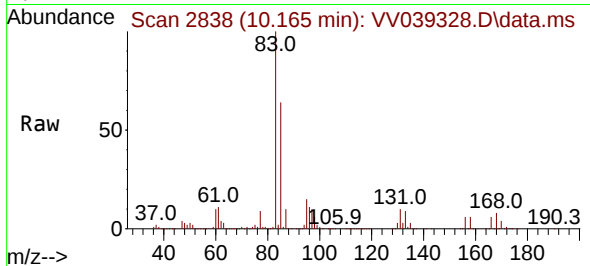




#75
1,1,2,2-Tetrachloroethane
Concen: 47.528 ug/l
RT: 10.165 min Scan# 2838
Delta R.T. 0.000 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

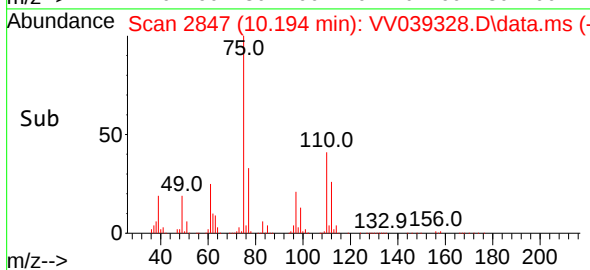
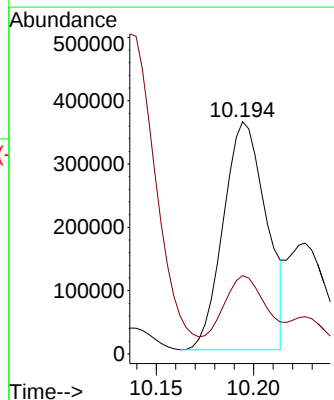
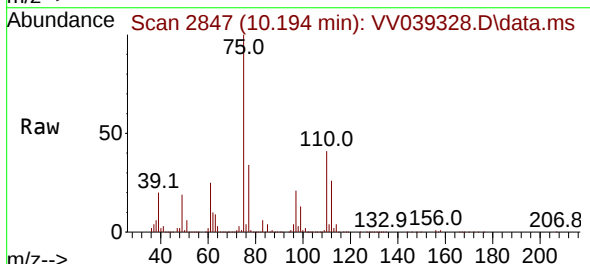
Instrument :
MSVOA_V
ClientSampleId :

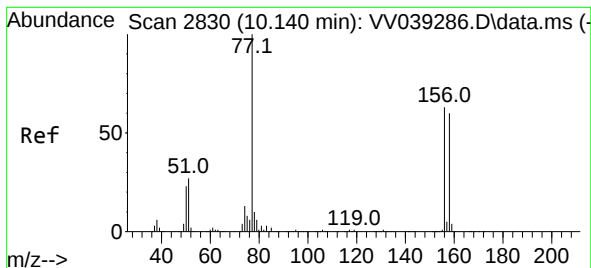
Tgt Ion: 83 Resp: 762215
Ion Ratio Lower Upper
83 100
131 9.5 5.0 15.0
85 63.9 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 48.255 ug/l
RT: 10.194 min Scan# 2847
Delta R.T. -0.003 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

Tgt Ion: 75 Resp: 553871
Ion Ratio Lower Upper
75 100
77 24.4 12.2 36.4





#77

Bromobenzene

Concen: 52.774 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

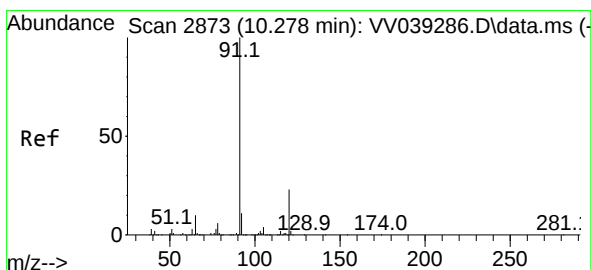
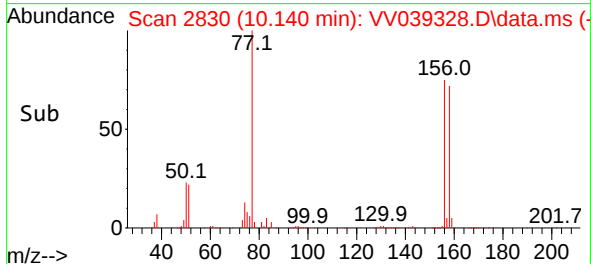
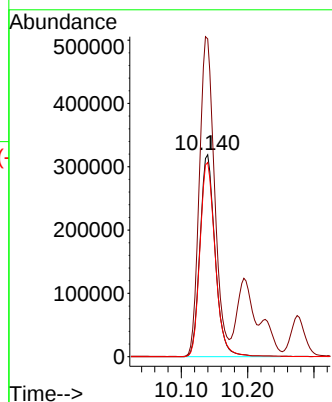
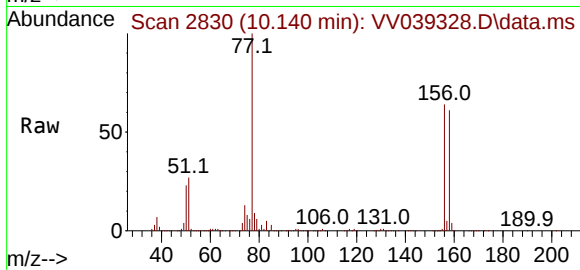
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:156 Resp: 506624

Ion	Ratio	Lower	Upper
156	100		
77	157.8	78.4	235.2
158	96.9	47.7	143.1



#78

n-propylbenzene

Concen: 54.163 ug/l

RT: 10.275 min Scan# 2872

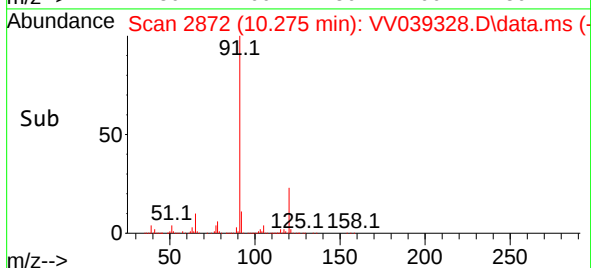
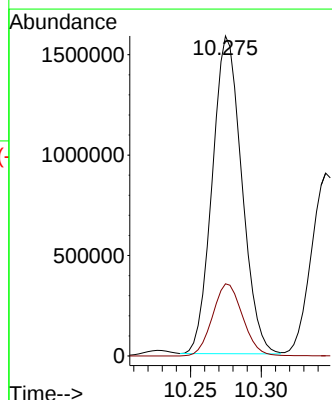
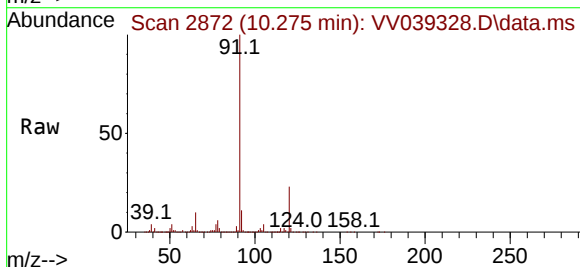
Delta R.T. -0.003 min

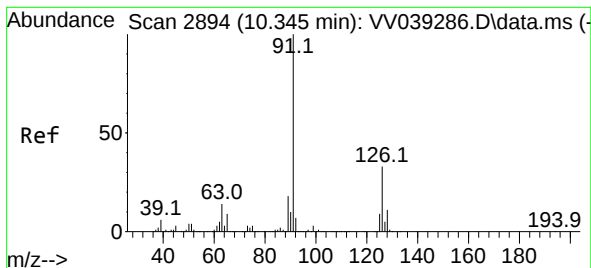
Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

Tgt Ion: 91 Resp: 2295068

Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.5	34.5





#79

2-Chlorotoluene

Concen: 54.071 ug/l

RT: 10.345 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

Instrument :

MSVOA_V

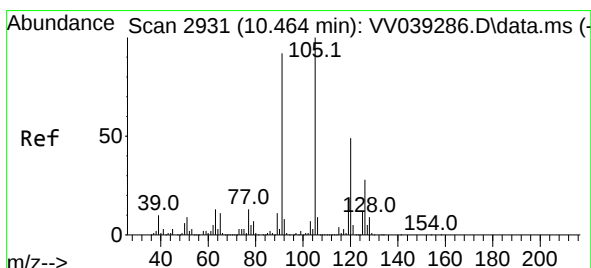
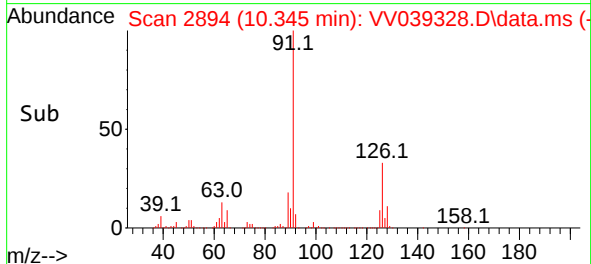
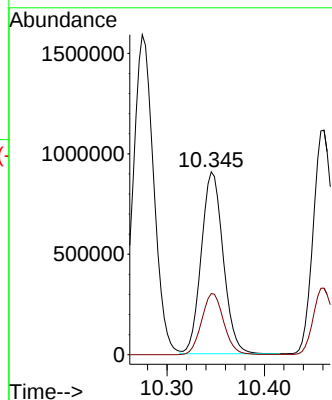
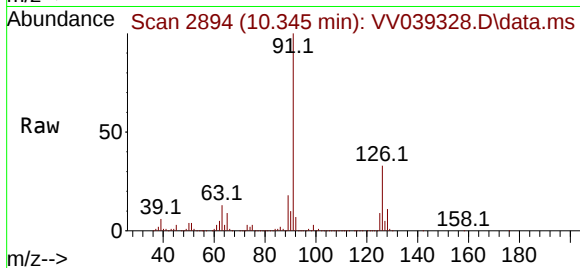
ClientSampleId :

Tgt Ion: 91 Resp: 1414565

Ion Ratio Lower Upper

91 100

126 33.9 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 56.394 ug/l

RT: 10.461 min Scan# 2930

Delta R.T. -0.003 min

Lab File: VV039328.D

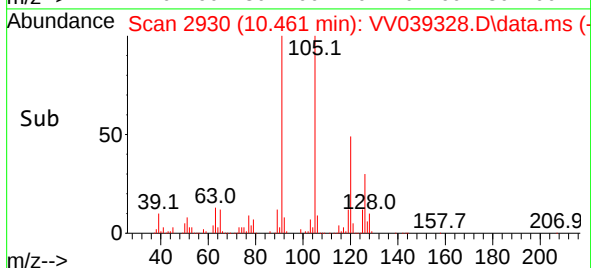
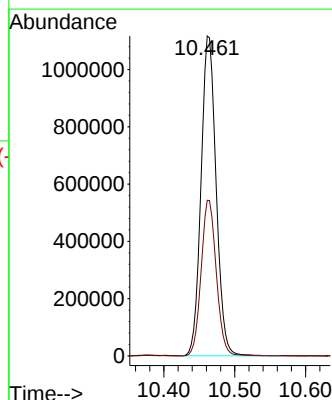
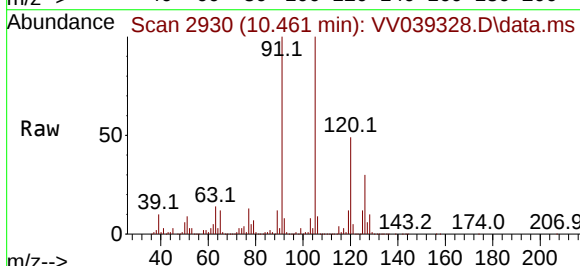
Acq: 05 Nov 2025 11:34

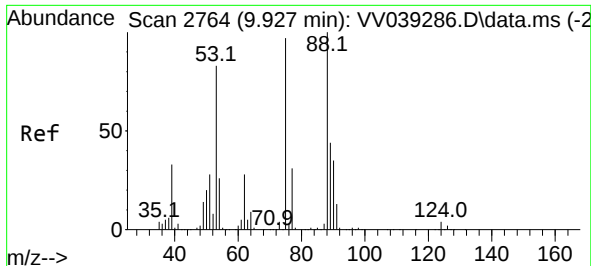
Tgt Ion:105 Resp: 1651701

Ion Ratio Lower Upper

105 100

120 48.8 24.3 73.0

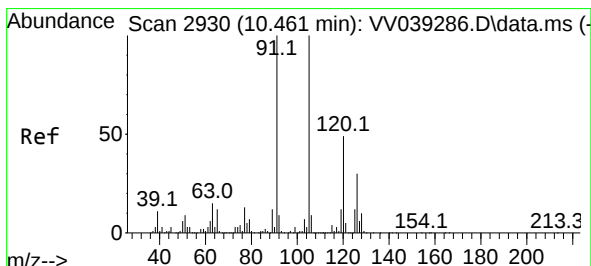
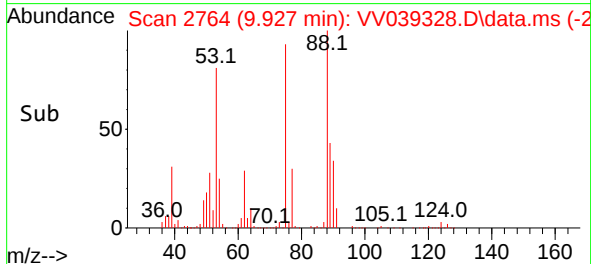
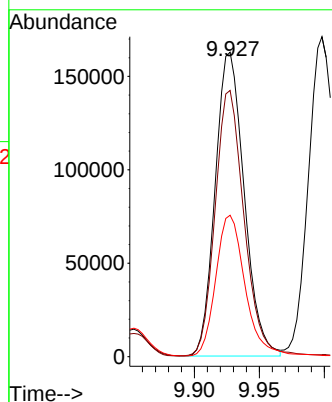
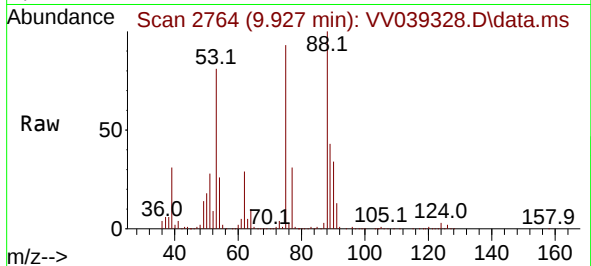




#81
trans-1,4-Dichloro-2-butene
Concen: 55.476 ug/l
RT: 9.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

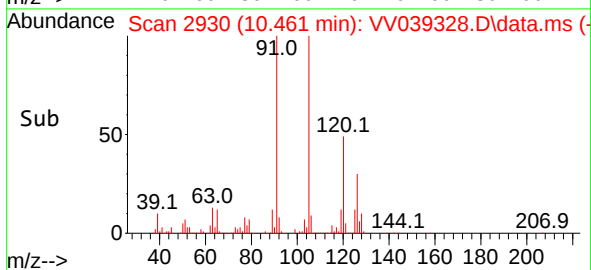
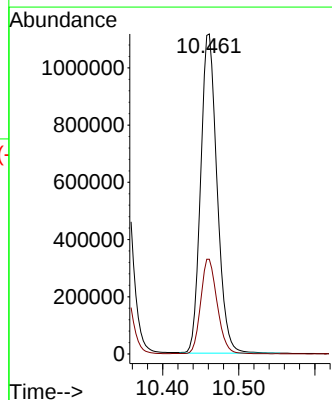
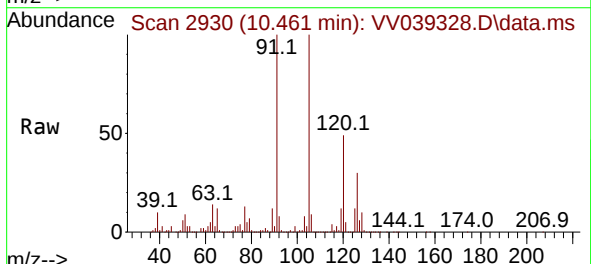
Instrument :
MSVOA_V
ClientSampleId :

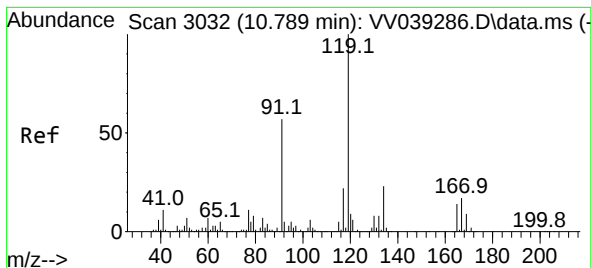
Tgt Ion: 75 Resp: 252131
Ion Ratio Lower Upper
75 100
53 87.3 69.9 104.9
89 47.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 55.577 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

Tgt Ion: 91 Resp: 1671189
Ion Ratio Lower Upper
91 100
126 29.5 14.8 44.4





#83

tert-Butylbenzene

Concen: 52.730 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

Instrument :

MSVOA_V

ClientSampleId :

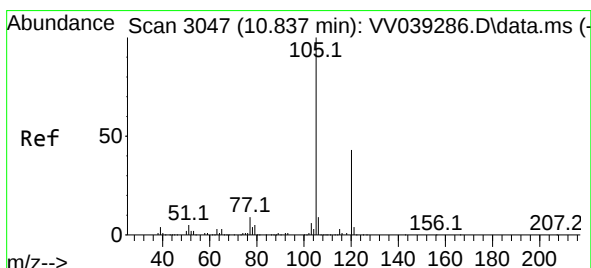
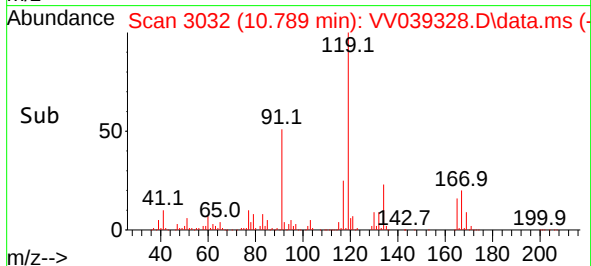
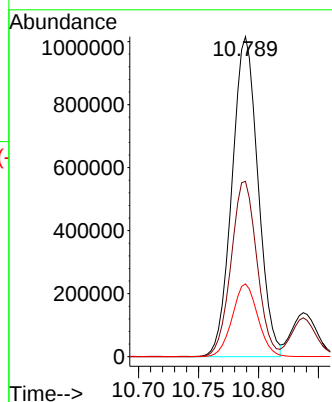
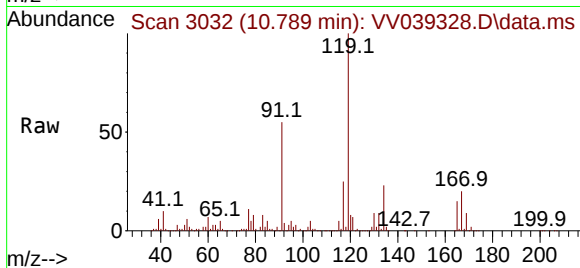
Tgt Ion:119 Resp: 1533513

Ion Ratio Lower Upper

119 100

91 54.5 28.2 84.7

134 22.4 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 57.688 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VV039328.D

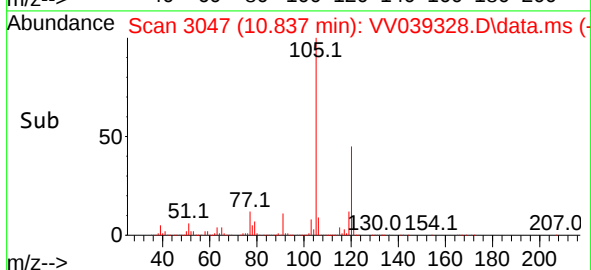
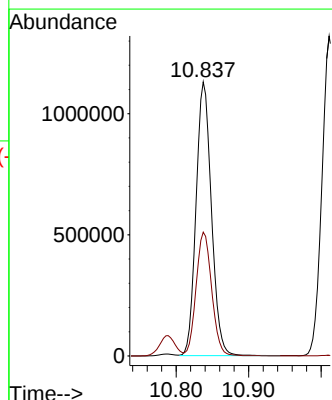
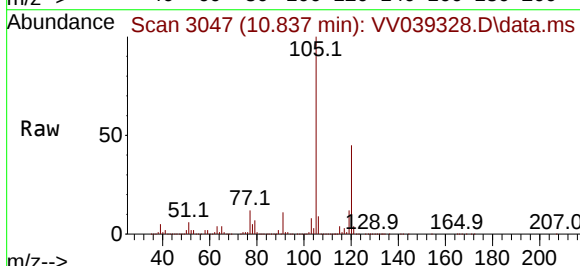
Acq: 05 Nov 2025 11:34

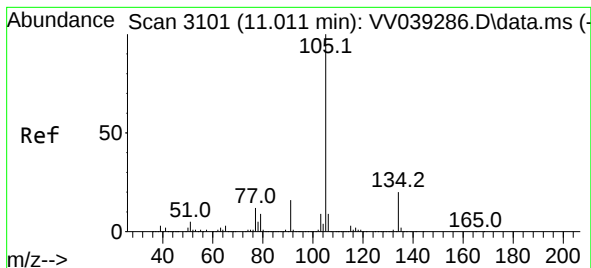
Tgt Ion:105 Resp: 1663288

Ion Ratio Lower Upper

105 100

120 45.8 22.8 68.4





#85

sec-Butylbenzene

Concen: 51.451 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

Instrument :

MSVOA_V

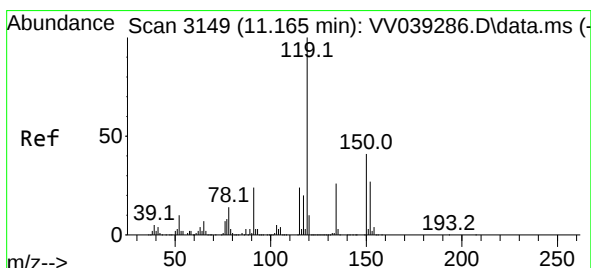
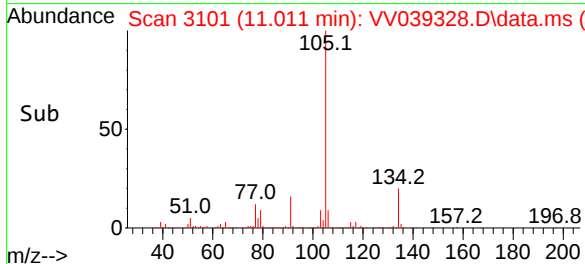
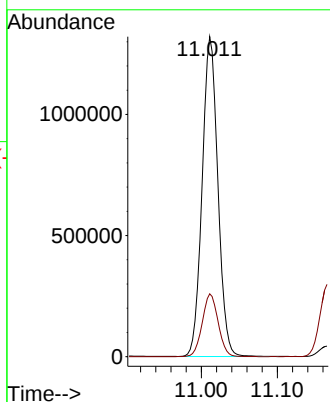
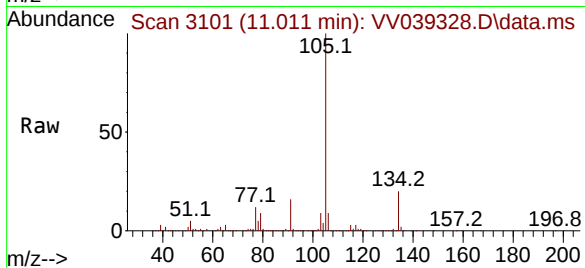
ClientSampleId :

Tgt Ion:105 Resp: 1891882

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.5



#86

p-Isopropyltoluene

Concen: 51.963 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

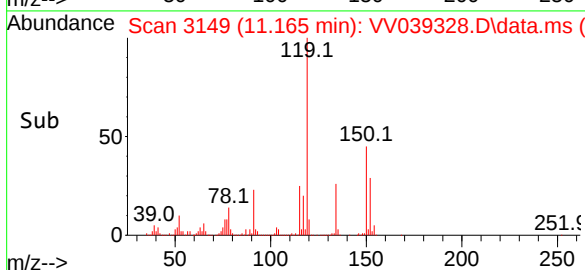
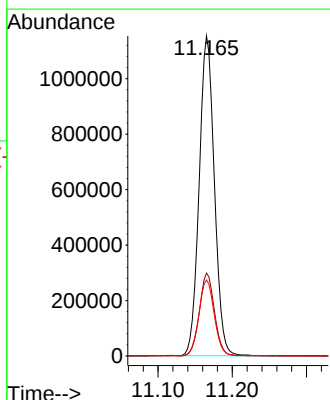
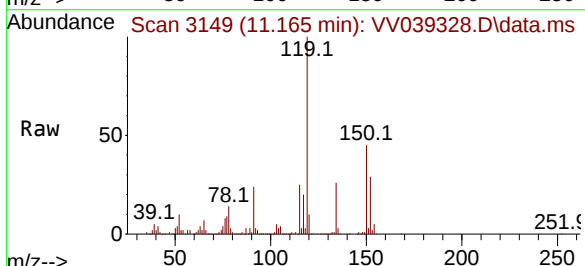
Tgt Ion:119 Resp: 1642821

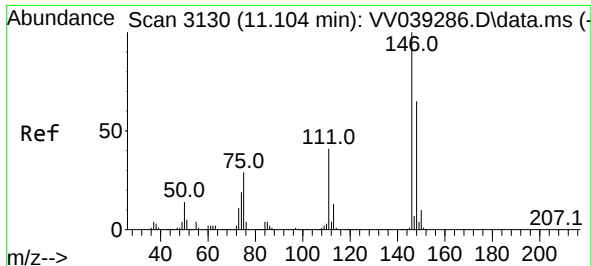
Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.6

91 23.9 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 51.759 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. 0.000 min

Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

Instrument :

MSVOA_V

ClientSampleId :

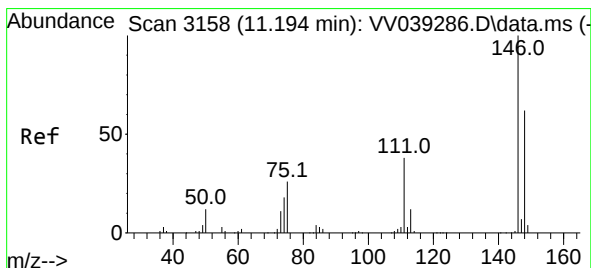
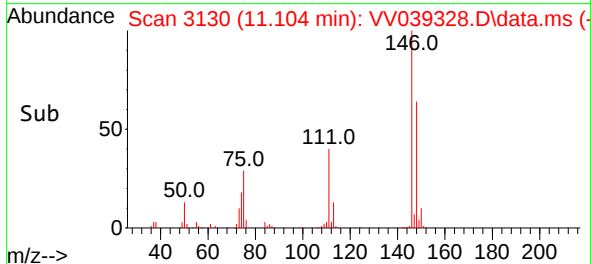
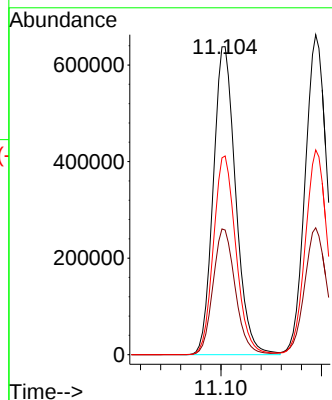
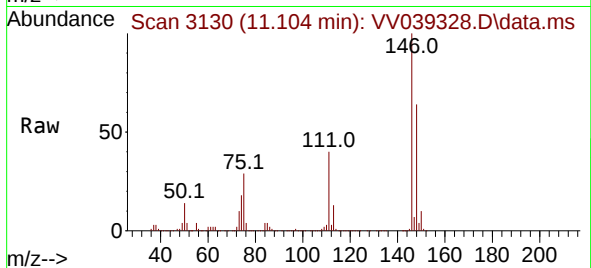
Tgt Ion:146 Resp: 991093

Ion Ratio Lower Upper

146 100

111 40.5 20.6 61.8

148 64.7 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 48.062 ug/l

RT: 11.194 min Scan# 3158

Delta R.T. 0.000 min

Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

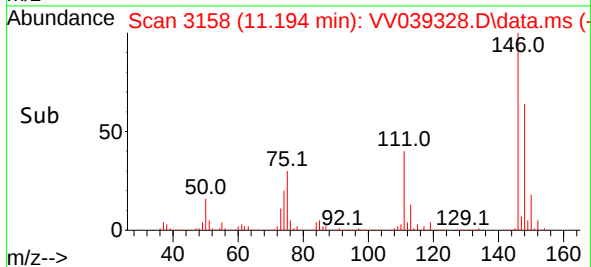
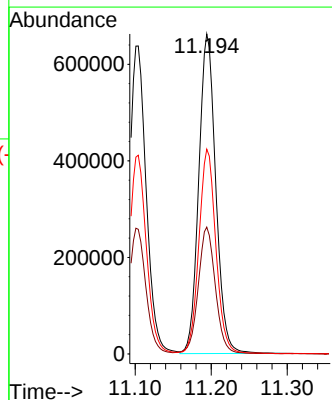
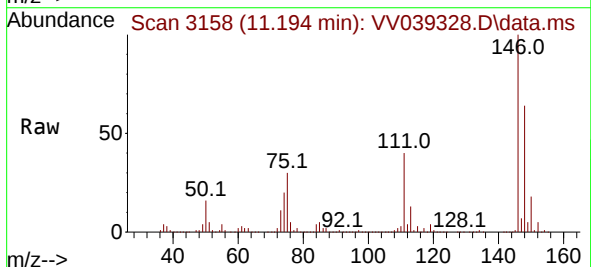
Tgt Ion:146 Resp: 1029945

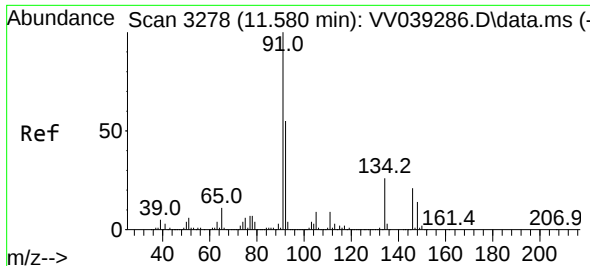
Ion Ratio Lower Upper

146 100

111 39.7 19.7 59.0

148 64.1 31.5 94.5

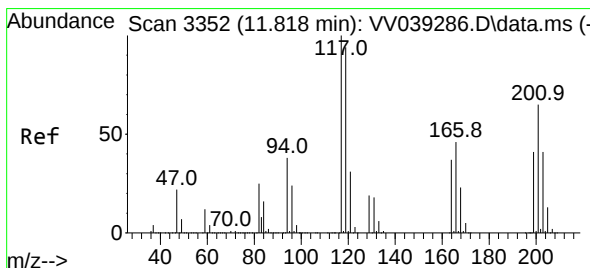
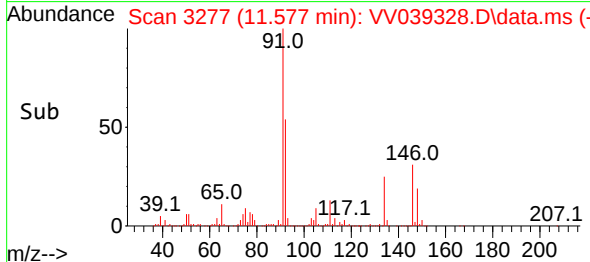
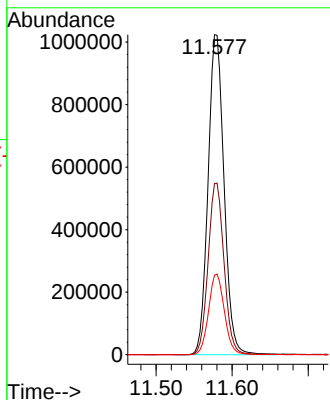
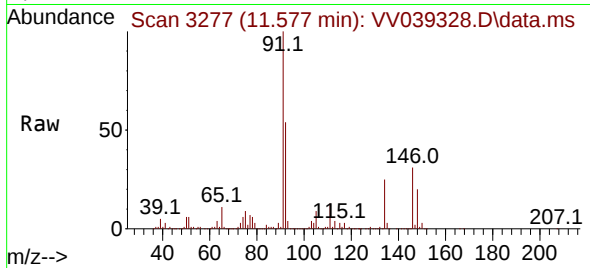




#89
n-Butylbenzene
Concen: 50.680 ug/l
RT: 11.577 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

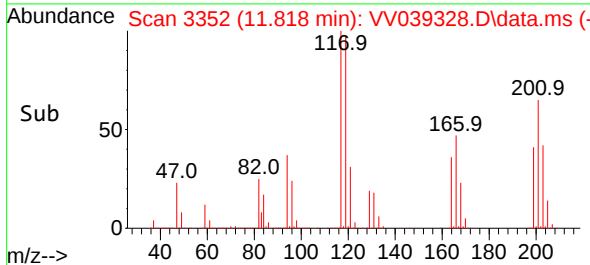
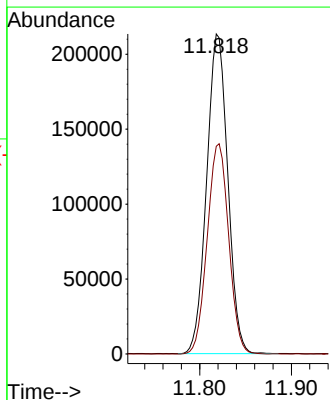
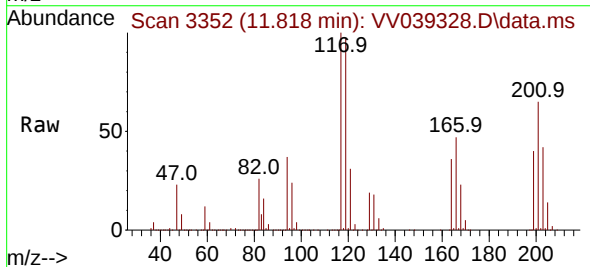
Instrument :
MSVOA_V
ClientSampleId :

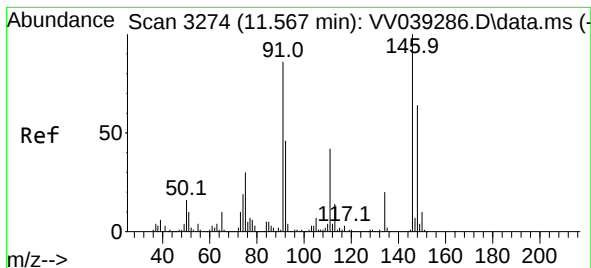
Tgt Ion: 91 Resp: 1492091
Ion Ratio Lower Upper
91 100
92 53.6 26.9 80.6
134 25.0 12.6 37.8



#90
Hexachloroethane
Concen: 43.678 ug/l
RT: 11.818 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VV039328.D
Acq: 05 Nov 2025 11:34

Tgt Ion: 117 Resp: 341450
Ion Ratio Lower Upper
117 100
201 66.8 33.7 101.1





#91

1,2-Dichlorobenzene

Concen: 51.346 ug/l

RT: 11.564 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

Instrument :

MSVOA_V

ClientSampleId :

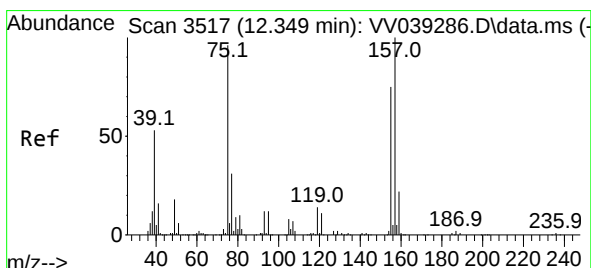
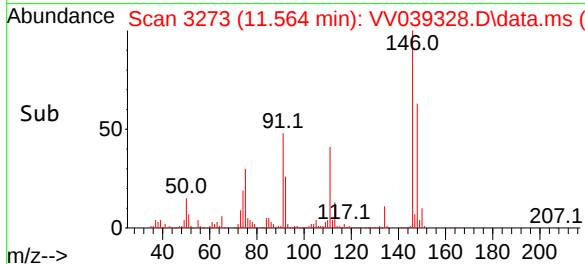
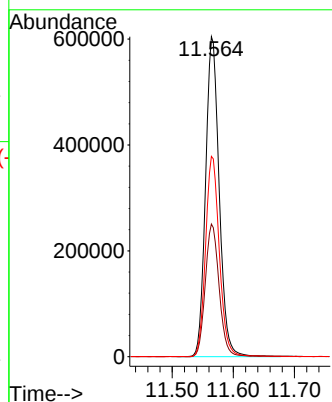
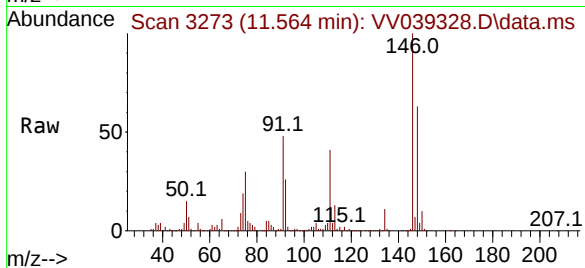
Tgt Ion:146 Resp: 935254

Ion Ratio Lower Upper

146 100

111 42.1 21.3 64.0

148 63.4 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.356 ug/l

RT: 12.349 min Scan# 3517

Delta R.T. 0.000 min

Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

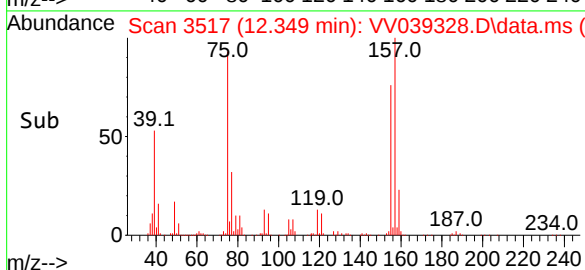
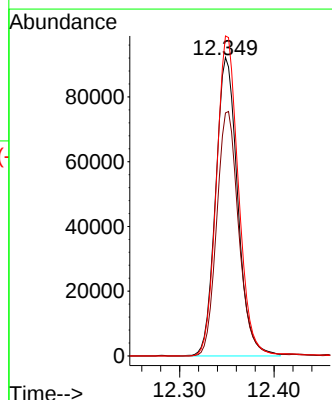
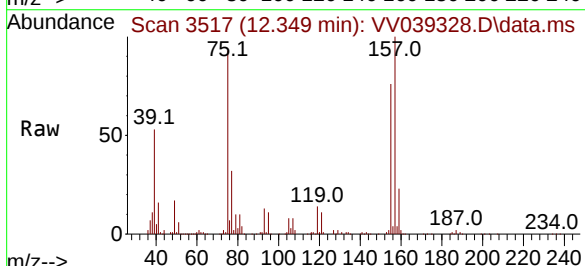
Tgt Ion: 75 Resp: 149563

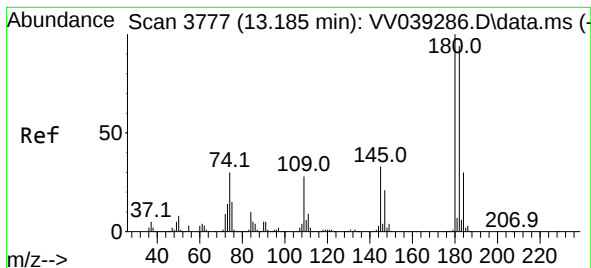
Ion Ratio Lower Upper

75 100

155 81.9 40.8 122.5

157 106.7 53.3 160.0





#93

1,2,4-Trichlorobenzene

Concen: 52.743 ug/l

RT: 13.185 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

Instrument :

MSVOA_V

ClientSampleId :

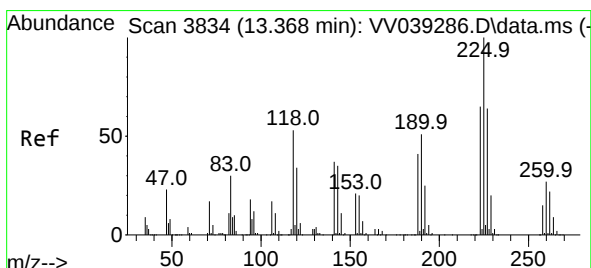
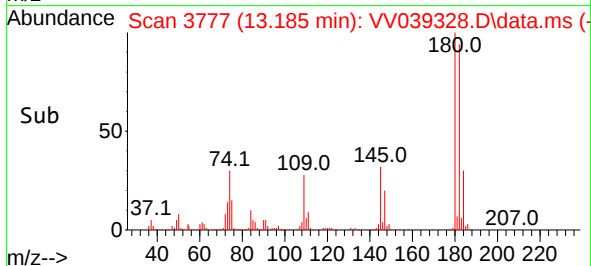
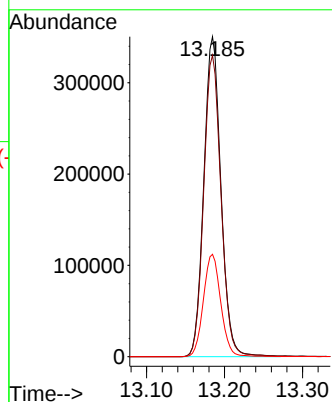
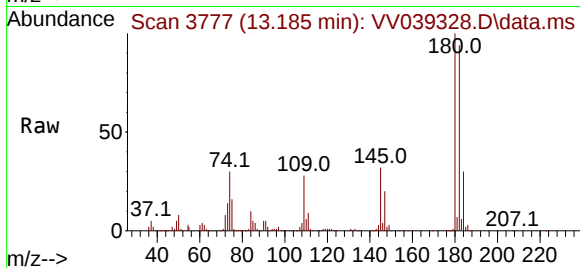
Tgt Ion:180 Resp: 535803

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.9

145 32.5 16.3 48.9



#94

Hexachlorobutadiene

Concen: 35.702 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

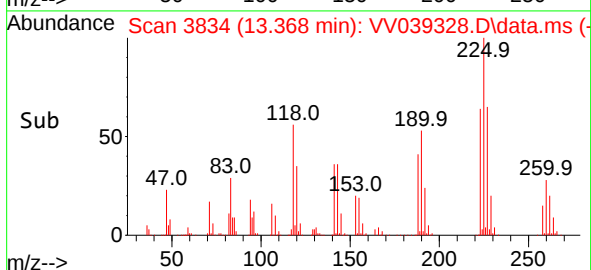
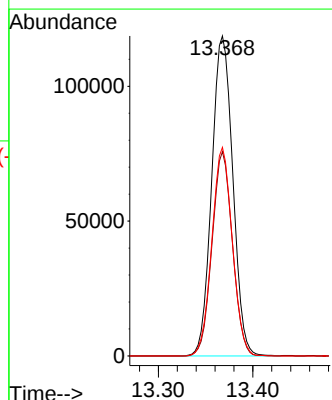
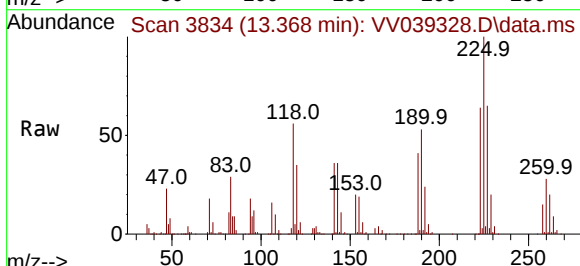
Tgt Ion:225 Resp: 183652

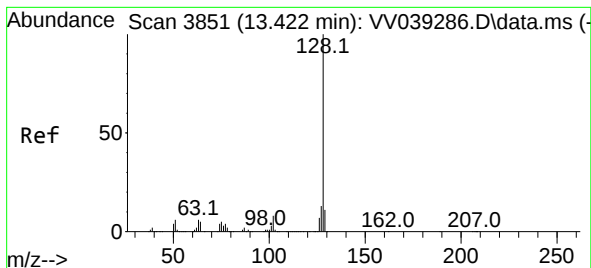
Ion Ratio Lower Upper

225 100

223 61.6 31.3 93.8

227 63.5 31.7 95.1





#95

Naphthalene

Concen: 59.085 ug/l

RT: 13.422 min Scan# 3851

Delta R.T. 0.000 min

Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

Instrument :

MSVOA_V

ClientSampleId :

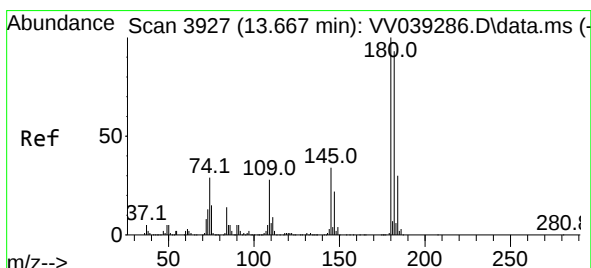
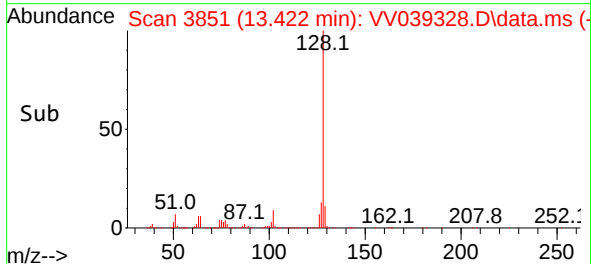
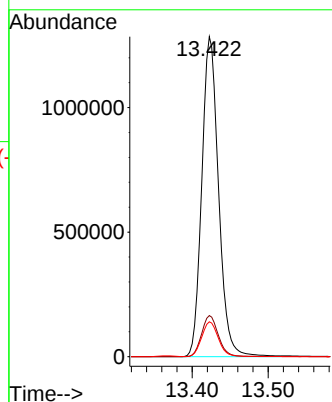
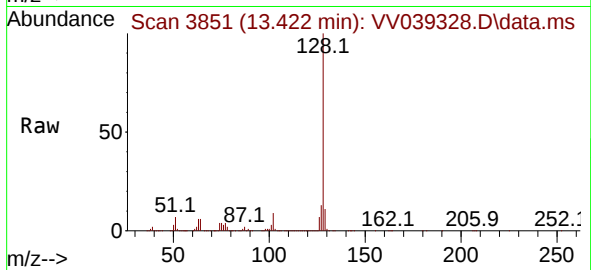
Tgt Ion:128 Resp: 1966551

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 53.055 ug/l

RT: 13.664 min Scan# 3926

Delta R.T. -0.003 min

Lab File: VV039328.D

Acq: 05 Nov 2025 11:34

Tgt Ion:180 Resp: 560178

Ion Ratio Lower Upper

180 100

182 93.7 46.7 140.1

145 34.4 17.2 51.5

