

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100725\
 Data File : VV039289.D
 Acq On : 07 Oct 2025 12:18
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ICSVV100725

Quant Time: Oct 08 05:05:40 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	4.600	168	680250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1088696	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	1040306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	603412	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	481511	49.815	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	99.640%
35) Dibromofluoromethane	4.500	113	412884	48.132	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	96.260%
50) Toluene-d8	7.236	98	1454081	49.827	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	99.660%
62) 4-Bromofluorobenzene	10.001	95	544233	52.365	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	104.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	398736	46.376	ug/l	99
3) Chloromethane	1.230	50	396382	44.282	ug/l	99
4) Vinyl Chloride	1.297	62	441326	43.215	ug/l	100
5) Bromomethane	1.494	94	303068	45.740	ug/l	97
6) Chloroethane	1.558	64	274130	48.557	ug/l	99
7) Trichlorofluoromethane	1.725	101	657569	42.149	ug/l	99
8) Diethyl Ether	1.918	74	255032	45.237	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.082	101	398112	42.617	ug/l	100
10) Methyl Iodide	2.198	142	428916	53.291	ug/l	99
11) Tert butyl alcohol	2.571	59	453944	242.332	ug/l	100
12) 1,1-Dichloroethene	2.082	96	379351	41.358	ug/l	99
13) Acrolein	2.008	56	292300	270.420	ug/l	100
14) Allyl chloride	2.358	41	643837	44.280	ug/l	99
15) Acrylonitrile	2.674	53	1264783	227.676	ug/l	99
16) Acetone	2.121	43	1095712	243.690	ug/l	100
17) Carbon Disulfide	2.252	76	1052786	40.636	ug/l	100
18) Methyl Acetate	2.381	43	620740	49.559	ug/l	98
19) Methyl tert-butyl Ether	2.712	73	1305511	47.288	ug/l	98
20) Methylene Chloride	2.458	84	442430	51.647	ug/l	100
21) trans-1,2-Dichloroethene	2.699	96	397405	41.150	ug/l	99
22) Diisopropyl ether	3.217	45	1266524	48.515	ug/l	96
23) Vinyl Acetate	3.188	43	5639411	246.068	ug/l	100
24) 1,1-Dichloroethane	3.117	63	748832	42.816	ug/l	99
25) 2-Butanone	3.866	43	1522527	257.562	ug/l	99
26) 2,2-Dichloropropane	3.812	77	603192	42.820	ug/l	99
27) cis-1,2-Dichloroethene	3.818	96	461918	47.770	ug/l	98
28) Bromochloromethane	4.146	49	361200	48.442	ug/l	97
29) Tetrahydrofuran	4.239	42	1008916	266.937	ug/l	99
30) Chloroform	4.278	83	780635	43.769	ug/l	99
31) Cyclohexane	4.583	56	593052	46.556	ug/l	98
32) 1,1,1-Trichloroethane	4.513	97	677409	43.440	ug/l	99
36) 1,1-Dichloropropene	4.744	75	492718	45.731	ug/l	99
37) Ethyl Acetate	3.976	43	585358	46.408	ug/l	98
38) Carbon Tetrachloride	4.735	117	573415	43.684	ug/l	98
39) Methylcyclohexane	6.046	83	606545	49.258	ug/l	98
40) Benzene	5.011	78	1609624	46.558	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	276470	51.206	ug/l	98
42) 1,2-Dichloroethane	5.040	62	548560	45.210	ug/l	99
43) Isopropyl Acetate	5.194	43	873224	52.879	ug/l	99
44) Trichloroethene	5.831	130	389754	44.830	ug/l	96
45) 1,2-Dichloropropane	6.088	63	415923	49.440	ug/l	97
46) Dibromomethane	6.226	93	321539	45.727	ug/l	98
47) Bromodichloromethane	6.426	83	634739	45.813	ug/l	100
48) Methyl methacrylate	6.297	41	416502	54.443	ug/l	100
49) 1,4-Dioxane	6.291	88	150148	1179.813	ug/l	94
51) 4-Methyl-2-Pentanone	7.149	43	3077518	268.622	ug/l	100
52) Toluene	7.307	92	1028063	49.249	ug/l	99
53) t-1,3-Dichloropropene	7.574	75	617453	50.992	ug/l	98
54) cis-1,3-Dichloropropene	6.947	75	674300	50.088	ug/l	100
55) 1,1,2-Trichloroethane	7.760	97	439297	46.606	ug/l	99
56) Ethyl methacrylate	7.715	69	632075	59.189	ug/l	99
57) 1,3-Dichloropropane	7.934	76	699121	49.151	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.812	63	1615393	249.980	ug/l	100
59) 2-Hexanone	8.062	43	2327647	276.742	ug/l	99
60) Dibromochloromethane	8.169	129	509675	46.246	ug/l	99
61) 1,2-Dibromoethane	8.271	107	475021	48.399	ug/l	99
64) Tetrachloroethene	7.895	164	342936	45.191	ug/l	98
65) Chlorobenzene	8.805	112	1145718	46.522	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.898	131	415835	45.078	ug/l	99
67) Ethyl Benzene	8.937	91	1867580	51.482	ug/l	99
68) m/p-Xylenes	9.062	106	1524093	105.928	ug/l	98
69) o-Xylene	9.468	106	694597	54.666	ug/l	98
70) Styrene	9.484	104	1290477	57.079	ug/l	100
71) Bromoform	9.654	173	362598	48.605	ug/l	100
73) Isopropylbenzene	9.857	105	1861757	50.809	ug/l	100
74) N-amyl acetate	9.725	43	782933	51.855	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.165	83	717810	42.658	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	545285	45.277	ug/l	100
77) Bromobenzene	10.140	156	480152	47.667	ug/l	98
78) n-propylbenzene	10.278	91	2259240	50.814	ug/l	100
79) 2-Chlorotoluene	10.349	91	1363973	49.689	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1606972	52.291	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	242777	50.910	ug/l	99
82) 4-Chlorotoluene	10.461	91	1605935	50.899	ug/l	99
83) tert-Butylbenzene	10.789	119	1540578	50.486	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	1613704	53.340	ug/l	100
85) sec-Butylbenzene	11.011	105	1980923	51.343	ug/l	100
86) p-Isopropyltoluene	11.165	119	1696099	51.129	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	940381	46.805	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	973562	43.297	ug/l	99
89) n-Butylbenzene	11.580	91	1583094	51.246	ug/l	100
90) Hexachloroethane	11.818	117	342236	41.723	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	890154	46.575	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	155566	44.961	ug/l	100
93) 1,2,4-Trichlorobenzene	13.184	180	536155	50.299	ug/l	98
94) Hexachlorobutadiene	13.368	225	228537	42.341	ug/l	99
95) Naphthalene	13.422	128	1981591	56.741	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	563584	50.871	ug/l	99

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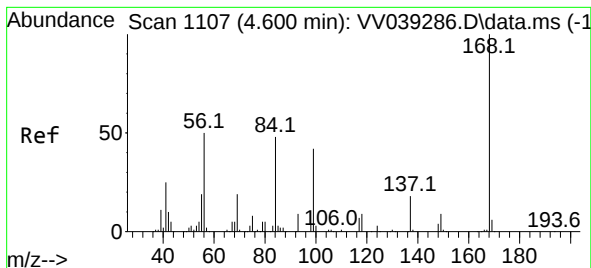
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. -0.000 min

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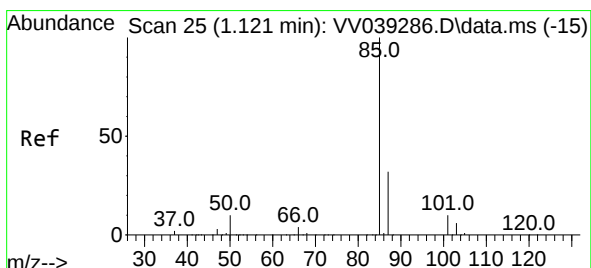
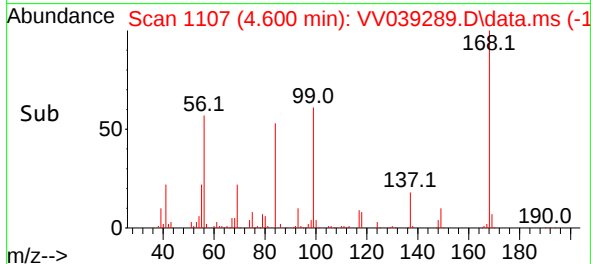
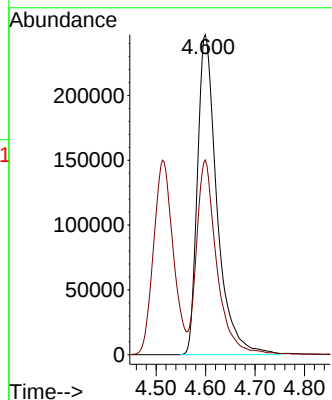
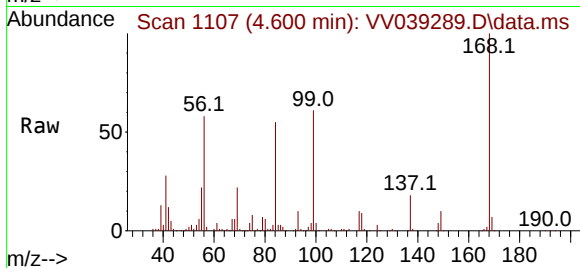
ICVVV100725

Tgt Ion:168 Resp: 680250

Ion Ratio Lower Upper

168 100

99 60.5 46.6 70.0



#2

Dichlorodifluoromethane

Concen: 46.376 ug/l

RT: 1.121 min Scan# 25

Delta R.T. -0.000 min

Lab File: VV039289.D

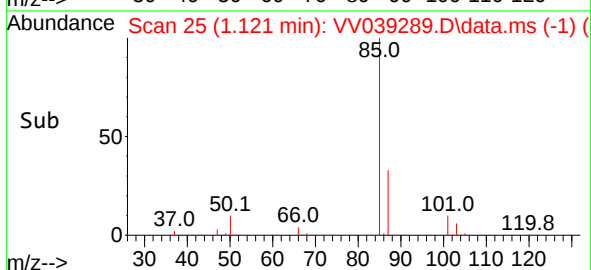
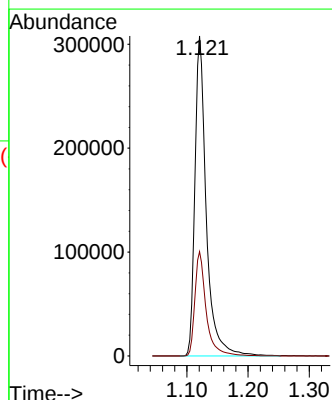
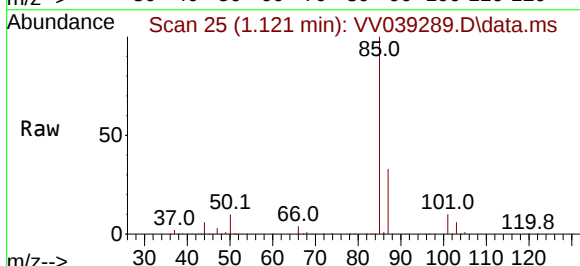
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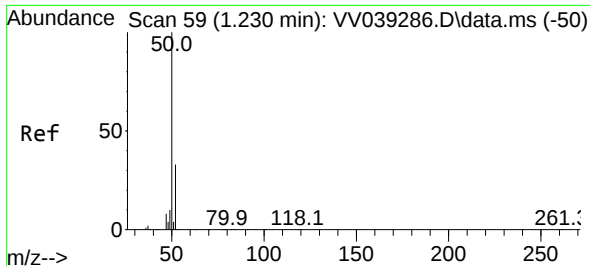
Tgt Ion: 85 Resp: 398736

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.2

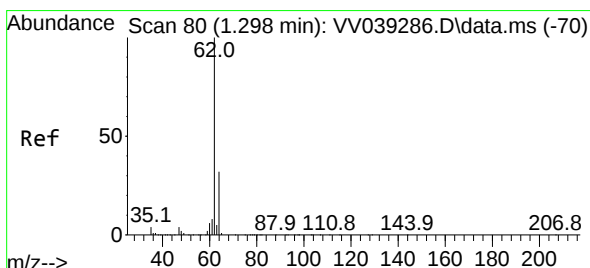
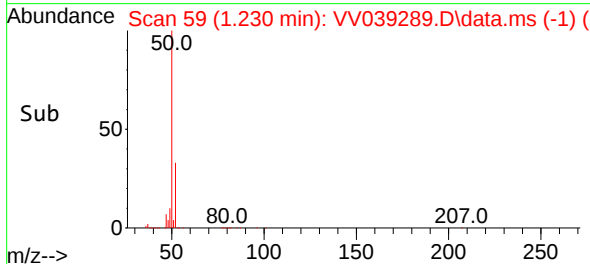
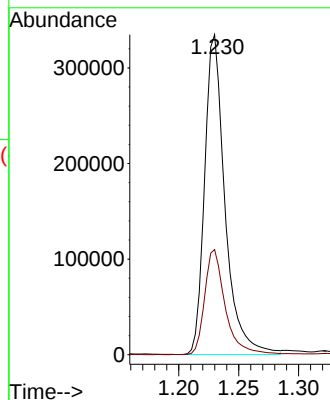
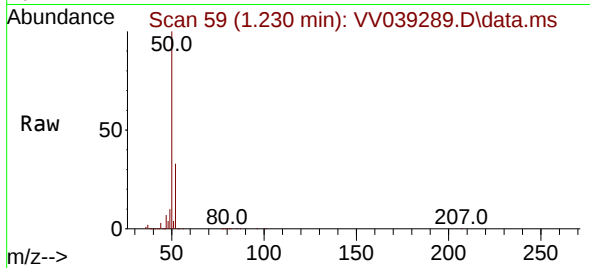




#3
Chloromethane
Concen: 44.282 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV039289.D
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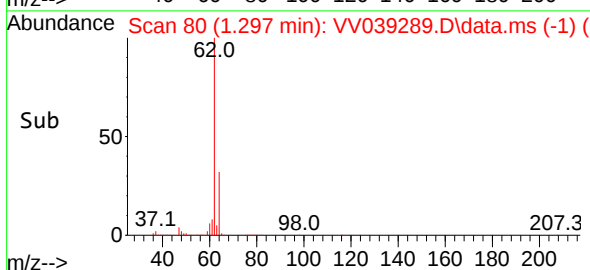
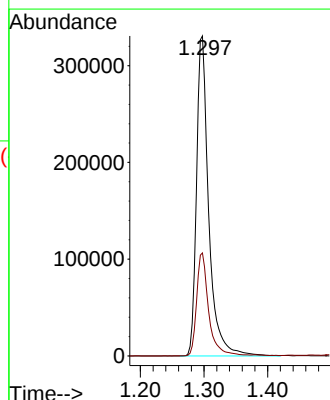
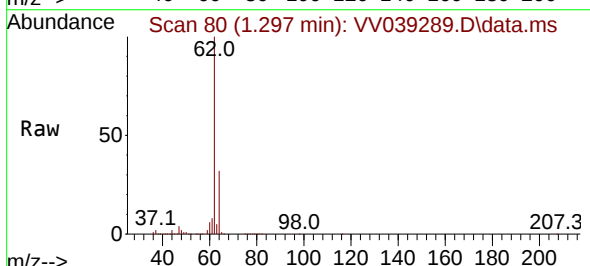
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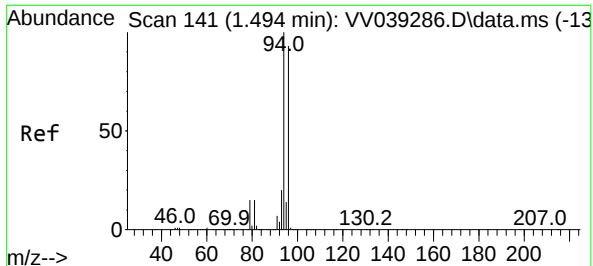
Tgt Ion: 50 Resp: 396382
Ion Ratio Lower Upper
50 100
52 32.8 26.6 39.8



#4
Vinyl Chloride
Concen: 43.215 ug/l
RT: 1.297 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV039289.D
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Tgt Ion: 62 Resp: 441326
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.6

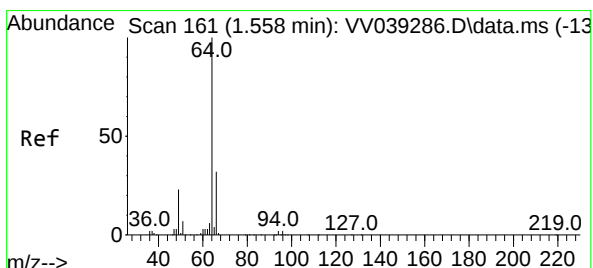
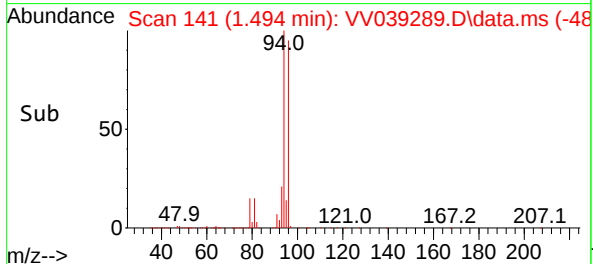
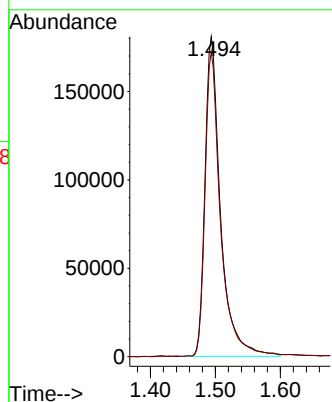
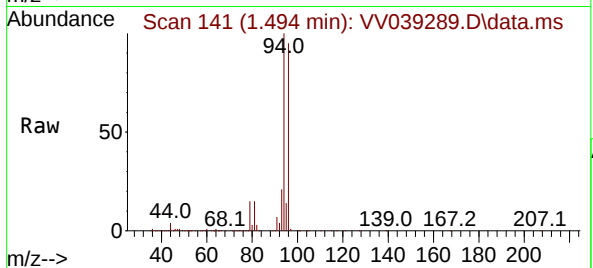




#5
Bromomethane
Concen: 45.740 ug/l
RT: 1.494 min Scan# 141
Delta R.T. -0.000 min
Lab File: VV039289.D
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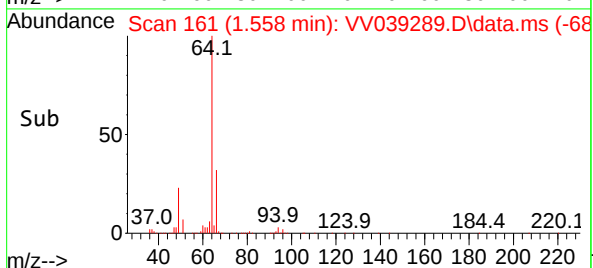
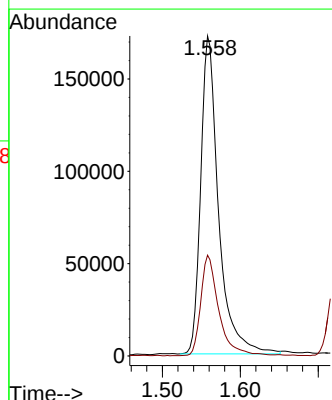
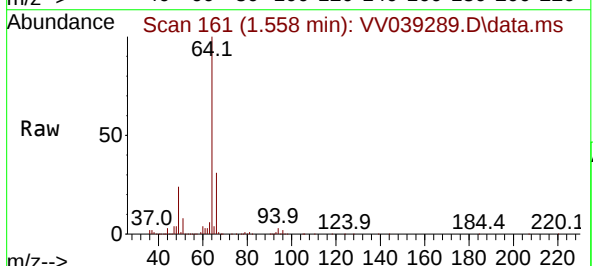
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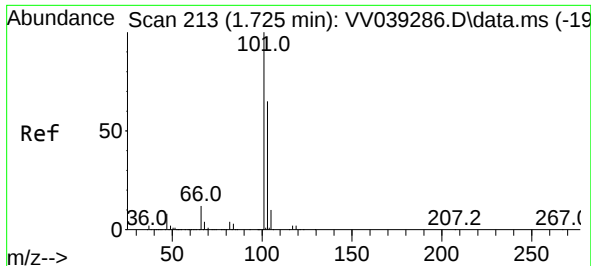
Tgt Ion: 94 Resp: 303068
Ion Ratio Lower Upper
94 100
96 95.3 74.2 111.2



#6
Chloroethane
Concen: 48.557 ug/l
RT: 1.558 min Scan# 161
Delta R.T. -0.000 min
Lab File: VV039289.D
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Tgt Ion: 64 Resp: 274130
Ion Ratio Lower Upper
64 100
66 31.6 25.7 38.5

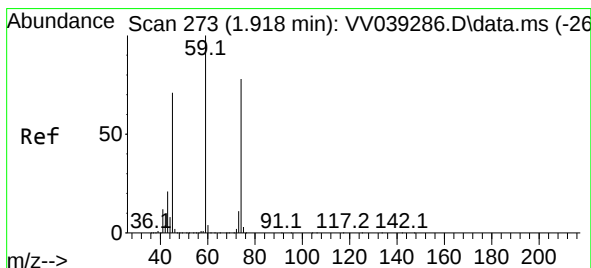
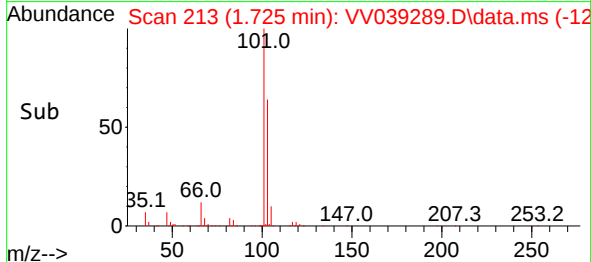
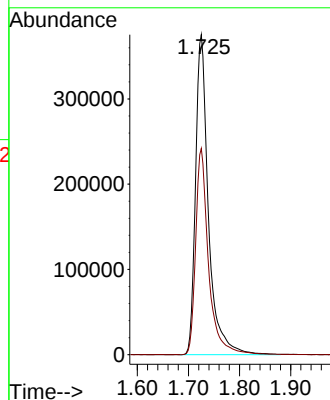
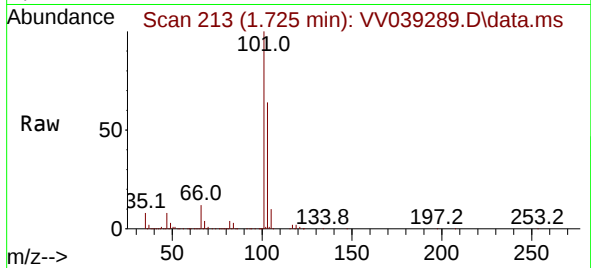




#7
 Trichlorofluoromethane
 Concen: 42.149 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VV039289.D
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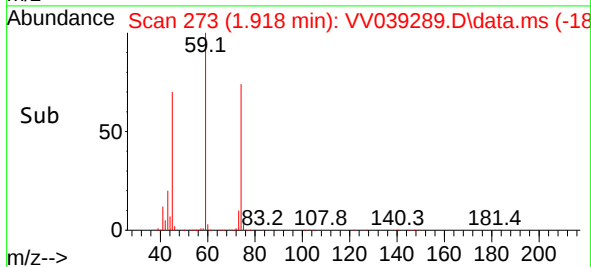
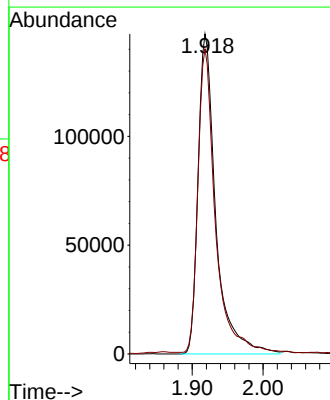
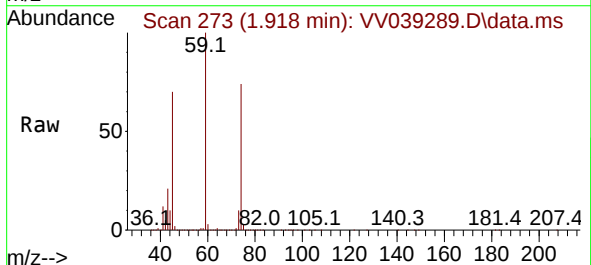
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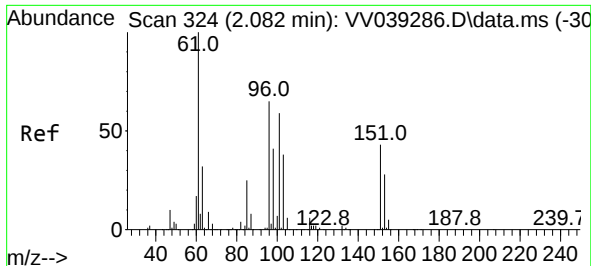
Tgt Ion:101 Resp: 657569
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.0 78.0



#8
 Diethyl Ether
 Concen: 45.237 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 255032
 Ion Ratio Lower Upper
 74 100
 45 93.3 45.9 137.7

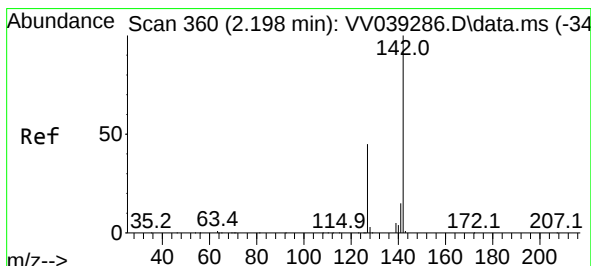
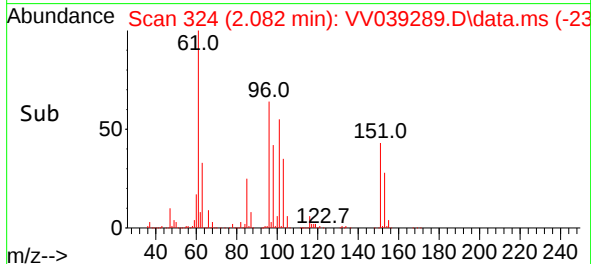
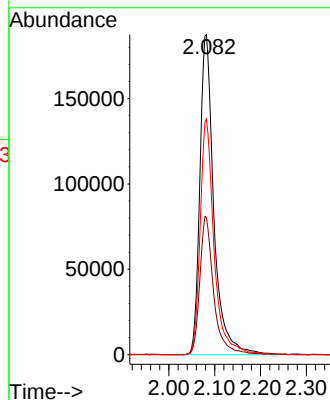
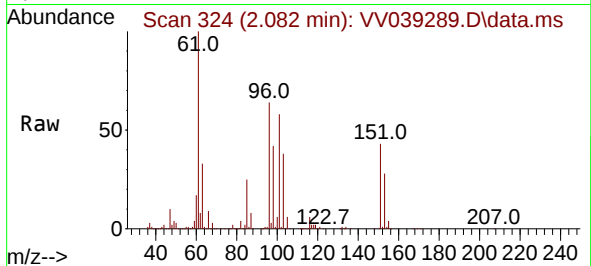




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.617 ug/l
RT: 2.082 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

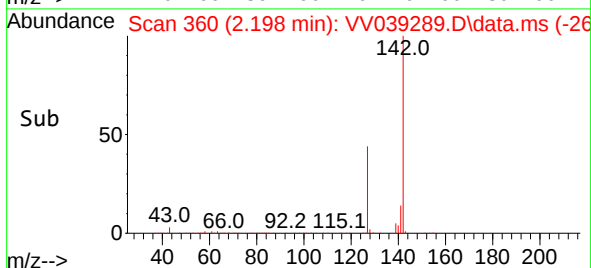
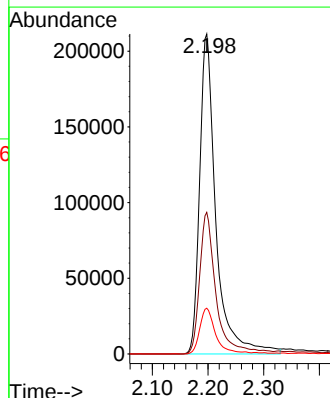
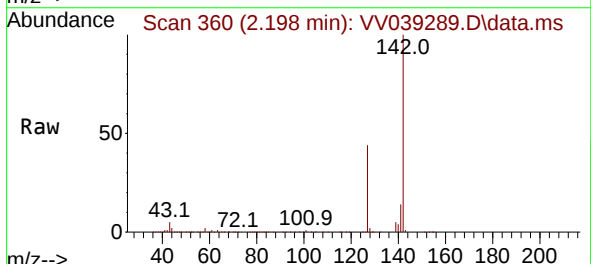
Instrument :
MSVOA_V
ClientSampleId :
ICVVV100725

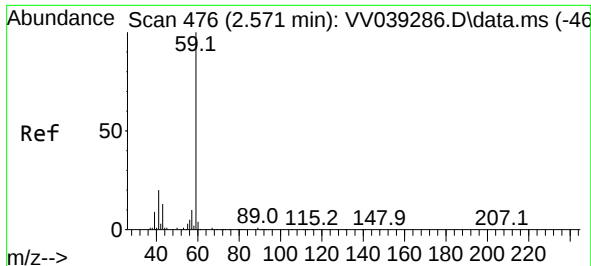
Tgt Ion:101 Resp: 398112
Ion Ratio Lower Upper
101 100
85 42.7 34.0 51.0
151 73.2 58.5 87.7



#10
Methyl Iodide
Concen: 53.291 ug/l
RT: 2.198 min Scan# 360
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

Tgt Ion:142 Resp: 428916
Ion Ratio Lower Upper
142 100
127 44.1 35.5 53.3
141 13.7 11.5 17.3

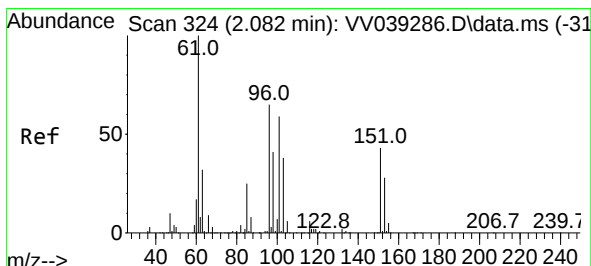
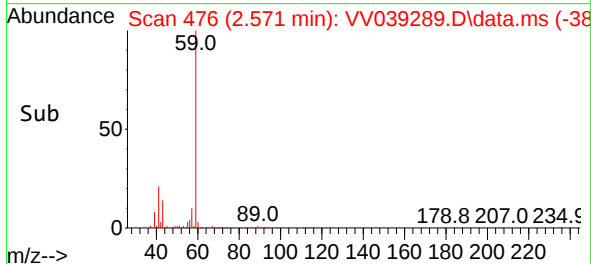
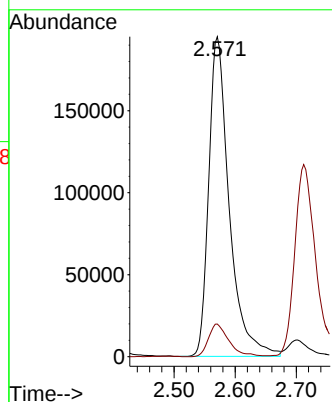
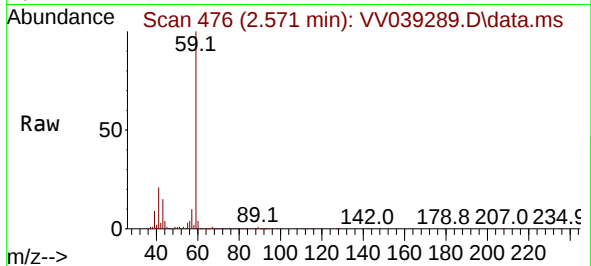




#11
Tert butyl alcohol
Concen: 242.332 ug/l
RT: 2.571 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

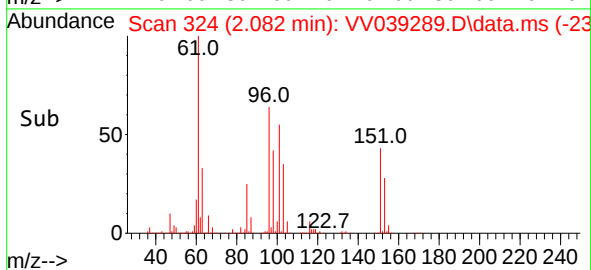
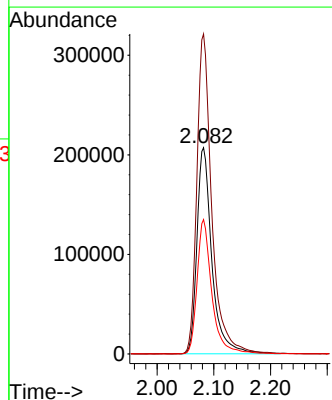
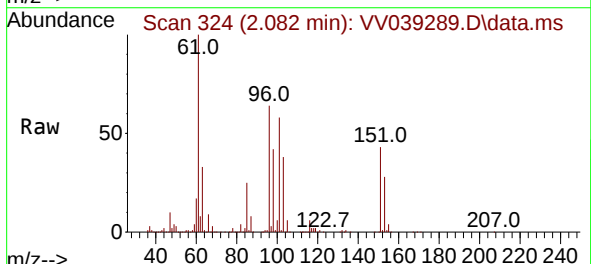
Instrument :
MSVOA_V
ClientSampleId :
ICVVV100725

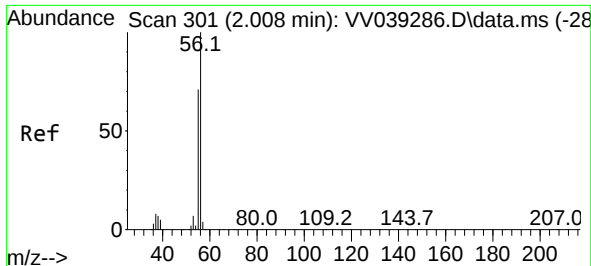
Tgt Ion: 59 Resp: 453944
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1



#12
1,1-Dichloroethene
Concen: 41.358 ug/l
RT: 2.082 min Scan# 324
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

Tgt Ion: 96 Resp: 379351
Ion Ratio Lower Upper
96 100
61 155.2 123.6 185.4
98 65.1 51.1 76.7

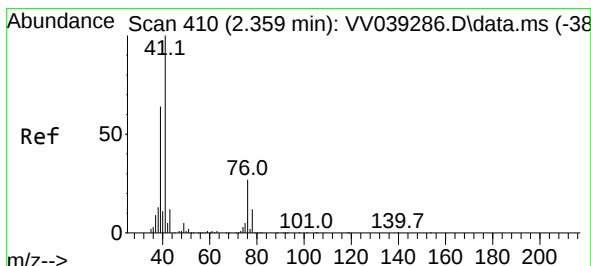
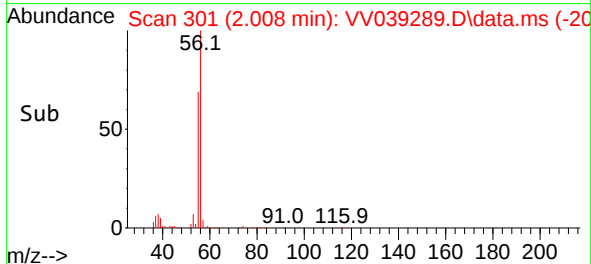
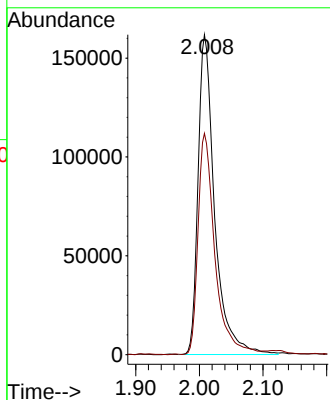
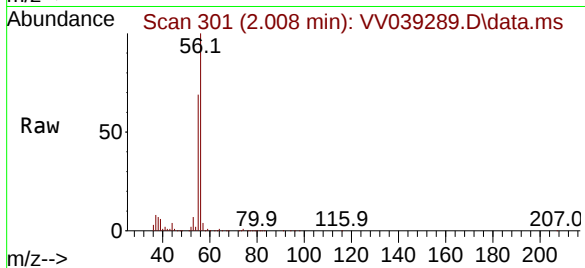




#13
Acrolein
Concen: 270.420 ug/l
RT: 2.008 min Scan# 301
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

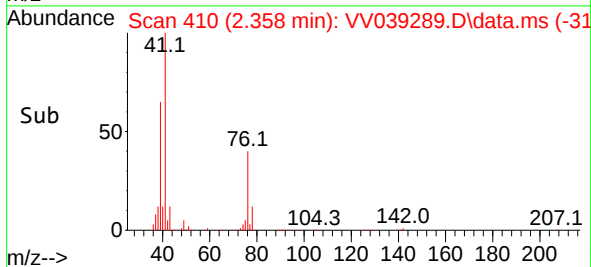
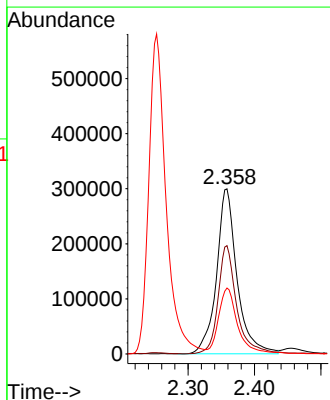
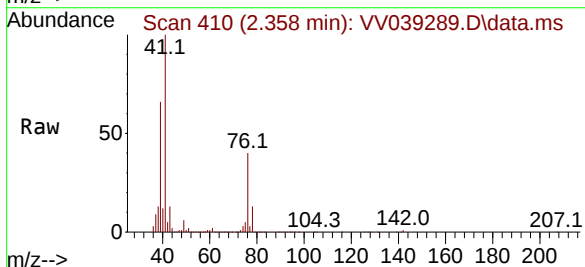
Instrument :
MSVOA_V
ClientSampleId :
ICVVV100725

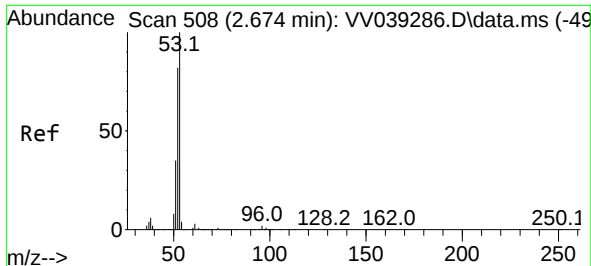
Tgt Ion: 56 Resp: 292300
Ion Ratio Lower Upper
56 100
55 70.3 56.2 84.4



#14
Allyl chloride
Concen: 44.280 ug/l
RT: 2.358 min Scan# 410
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

Tgt Ion: 41 Resp: 643837
Ion Ratio Lower Upper
41 100
39 59.5 47.8 71.6
76 36.4 30.2 45.2



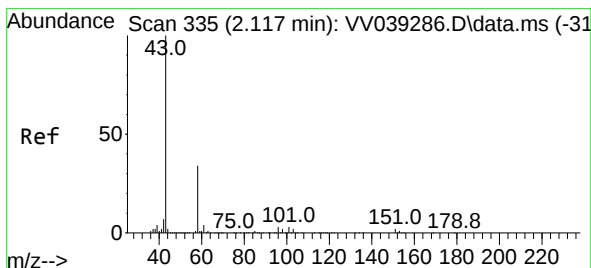
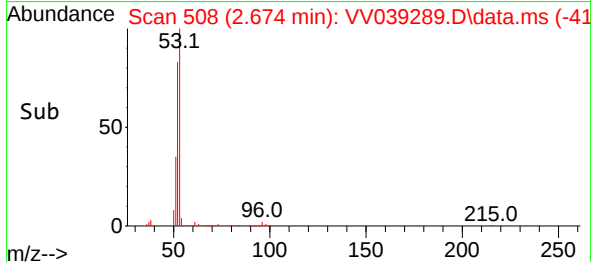
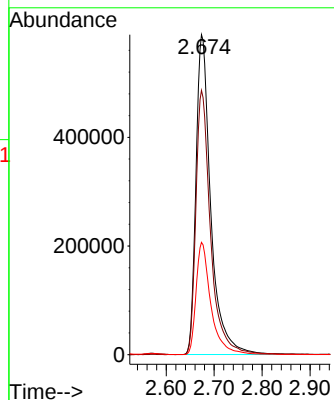
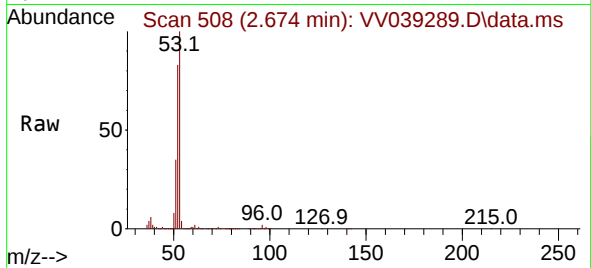


#15
Acrylonitrile
Concen: 227.676 ug/l
RT: 2.674 min Scan# 508
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

Instrument :
MSVOA_V
ClientSampleId :
ICVVV100725

Tgt Ion: 53 Resp: 1264783

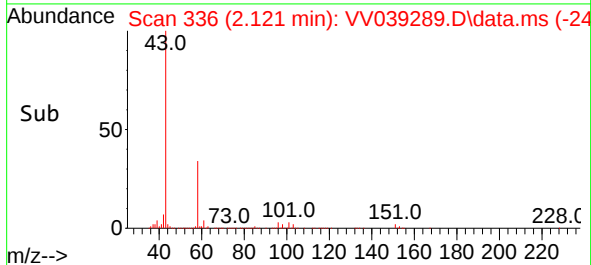
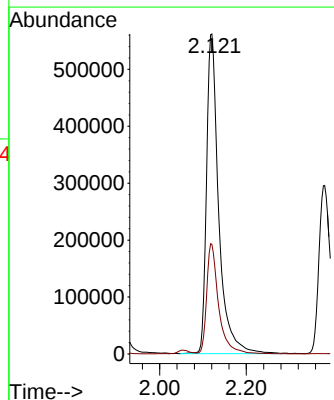
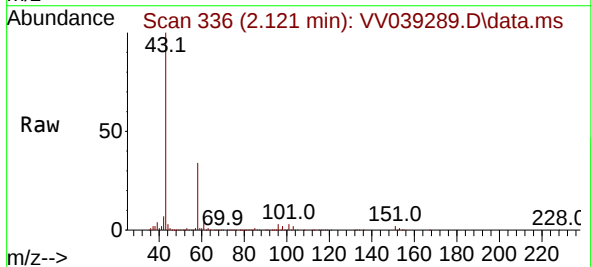
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.0	97.6
51	35.0	27.9	41.9

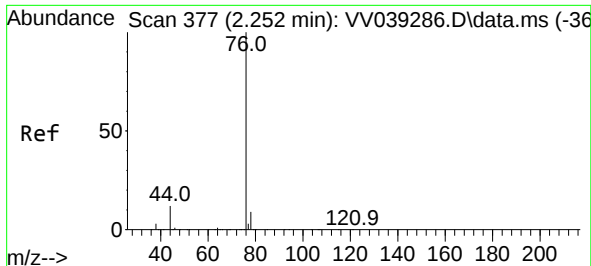


#16
Acetone
Concen: 243.690 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

Tgt Ion: 43 Resp: 1095712

Ion	Ratio	Lower	Upper
43	100		
58	34.2	27.5	41.3

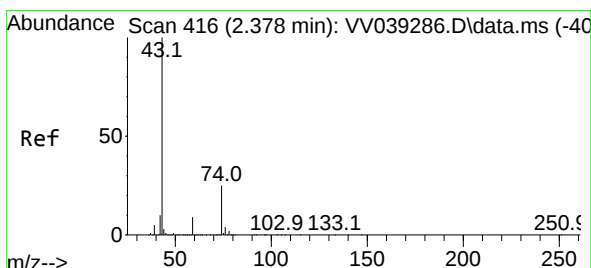
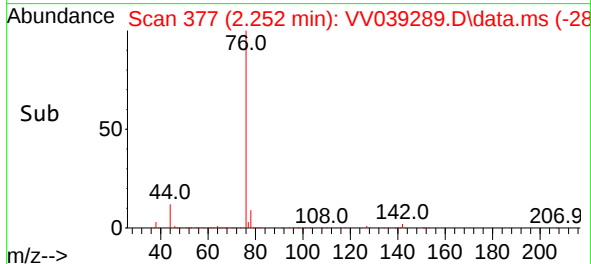
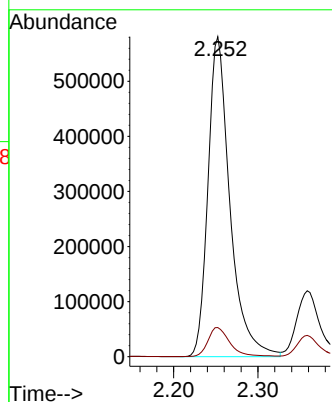
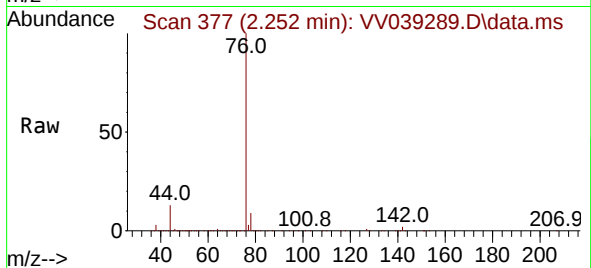




#17
Carbon Disulfide
Concen: 40.636 ug/l
RT: 2.252 min Scan# 317
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

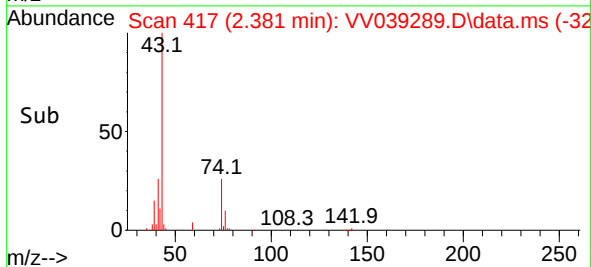
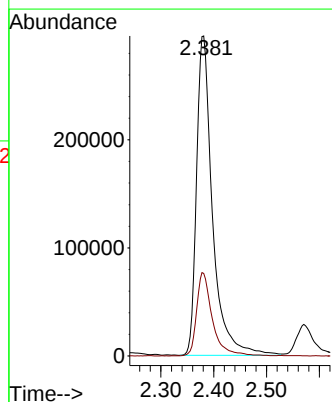
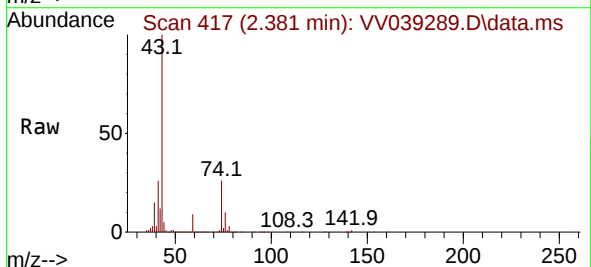
Instrument :
MSVOA_V
ClientSampleId :
ICVVV100725

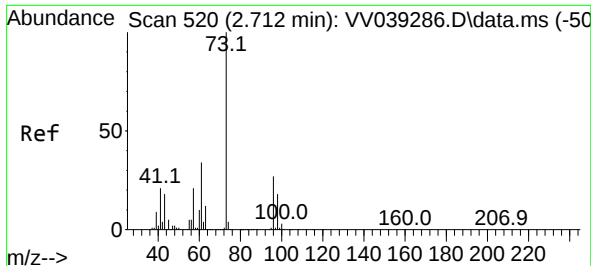
Tgt Ion: 76 Resp: 1052786
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 49.559 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

Tgt Ion: 43 Resp: 620740
Ion Ratio Lower Upper
43 100
74 25.4 19.5 29.3

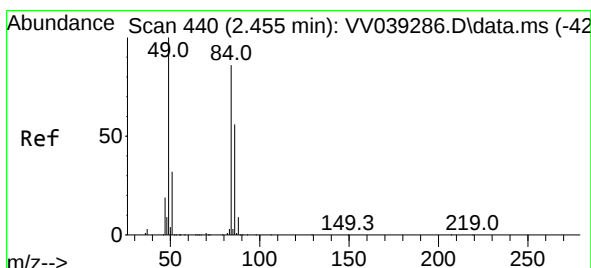
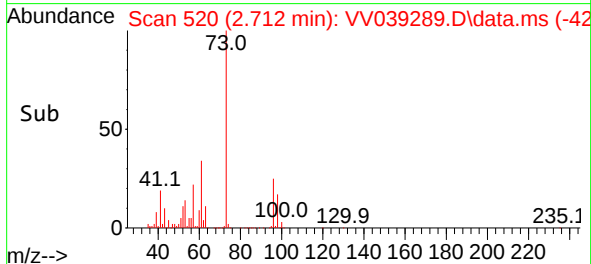
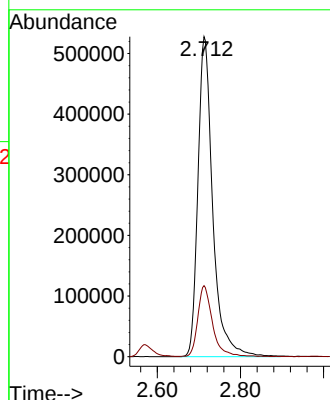
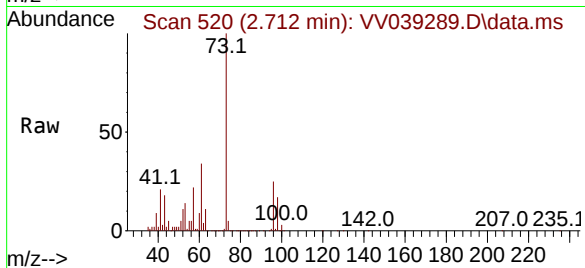




#19
Methyl tert-butyl Ether
Concen: 47.288 ug/l
RT: 2.712 min Scan# 511
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

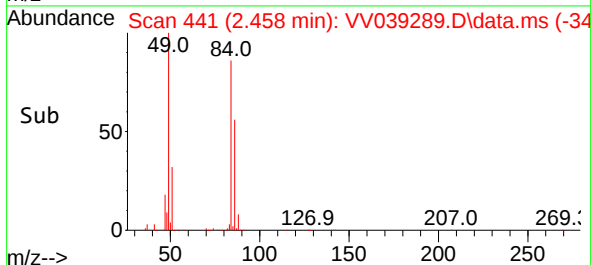
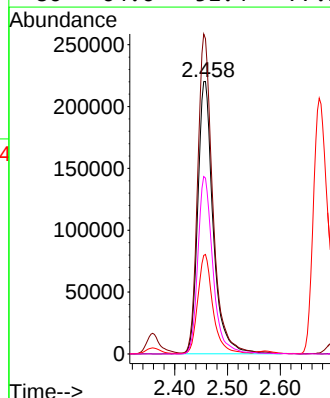
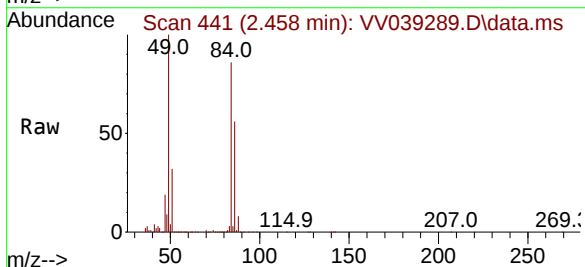
Instrument :
MSVOA_V
ClientSampleId :
ICVVV100725

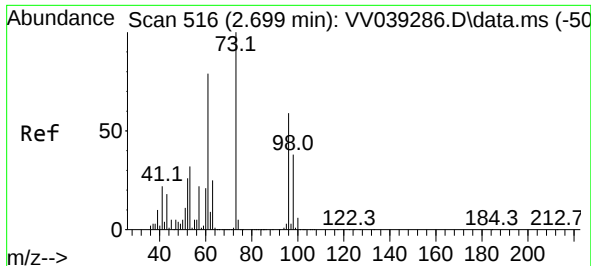
Tgt Ion: 73 Resp: 1305511
Ion Ratio Lower Upper
73 100
57 22.2 17.0 25.6



#20
Methylene Chloride
Concen: 51.647 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

Tgt Ion: 84 Resp: 442430
Ion Ratio Lower Upper
84 100
49 115.5 92.6 139.0
51 36.4 29.6 44.4
86 64.6 51.4 77.2

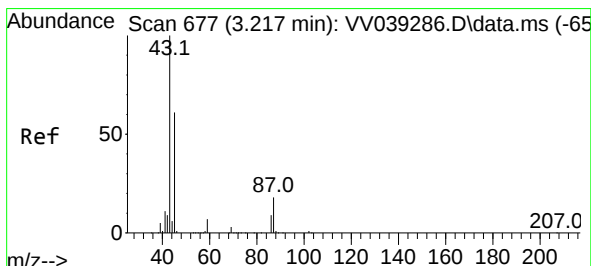
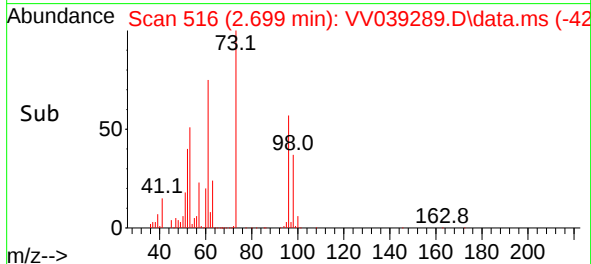
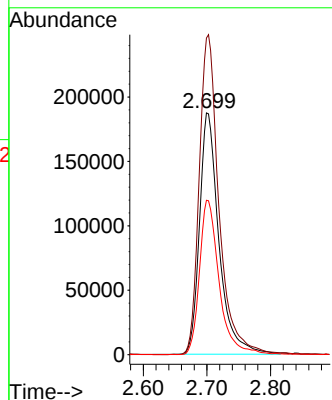
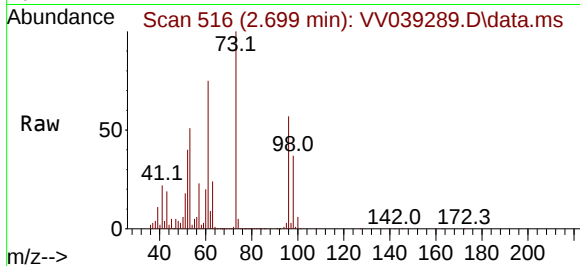




#21
trans-1,2-Dichloroethene
Concen: 41.150 ug/l
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

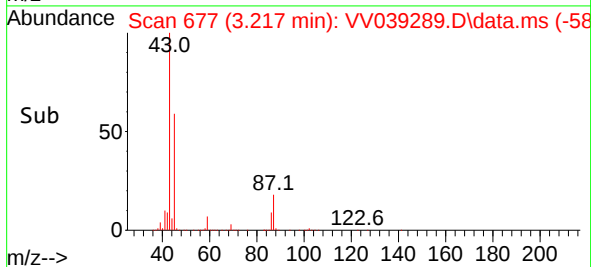
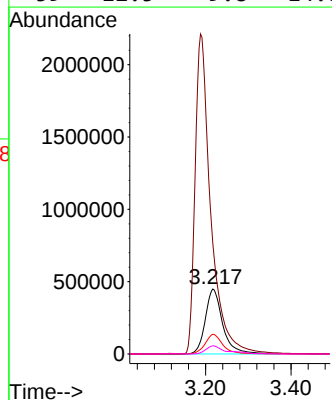
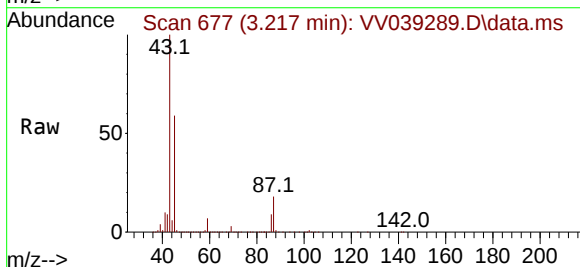
Instrument :
MSVOA_V
ClientSampleId :
ICVVV100725

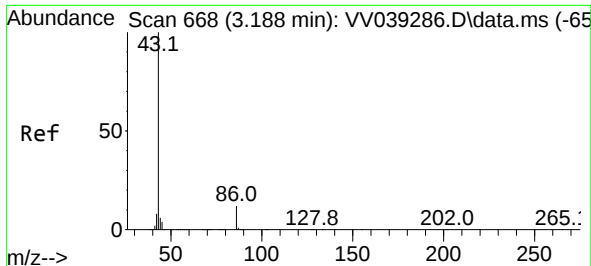
Tgt Ion: 96 Resp: 397405
Ion Ratio Lower Upper
96 100
61 131.1 106.8 160.2
98 63.9 51.1 76.7



#22
Diisopropyl ether
Concen: 48.515 ug/l
RT: 3.217 min Scan# 677
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

Tgt Ion: 45 Resp: 1266524
Ion Ratio Lower Upper
45 100
43 169.9 130.8 196.2
87 30.1 23.8 35.8
59 12.5 9.8 14.8

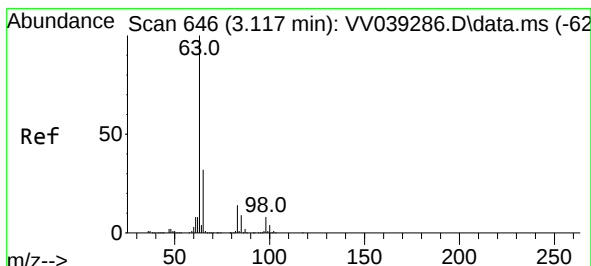
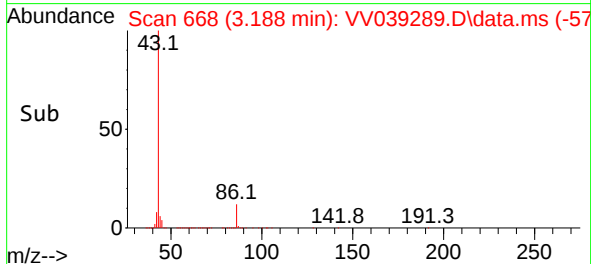
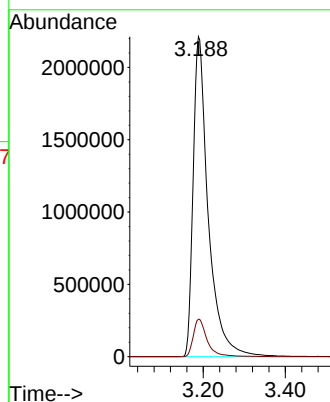
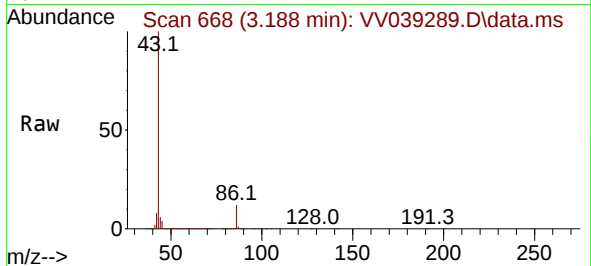




#23
 Vinyl Acetate
 Concen: 246.068 ug/l
 RT: 3.188 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: VV039289.D
 Acq: 07 Oct 2025 12:18

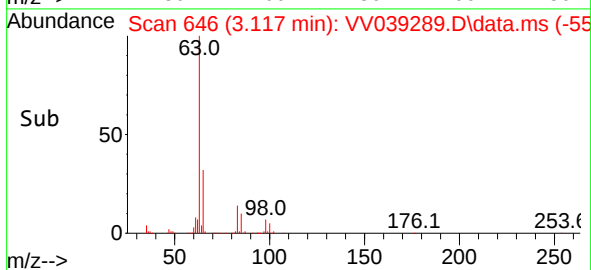
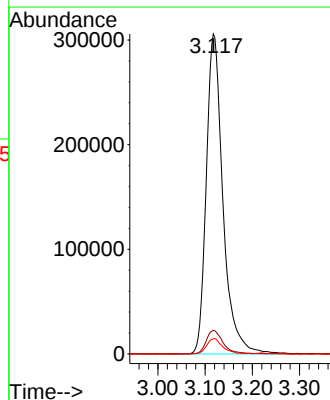
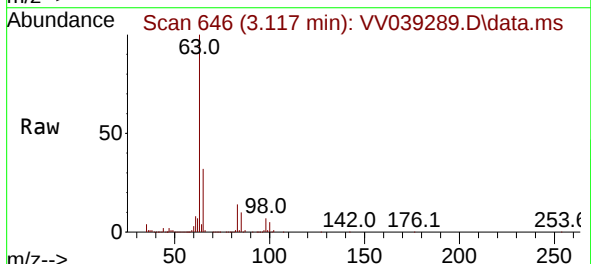
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVVV100725

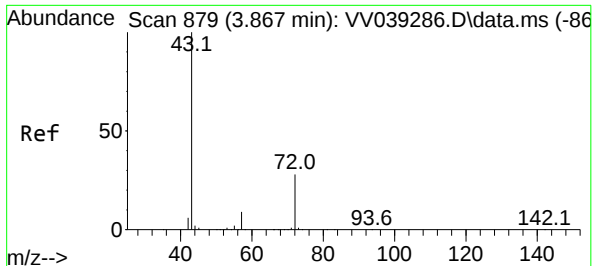
Tgt Ion: 43 Resp: 5639411
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 42.816 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. -0.000 min
 Lab File: VV039289.D
 Acq: 07 Oct 2025 12:18

Tgt Ion: 63 Resp: 748832
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.0 12.0
 100 4.7 2.3 6.8

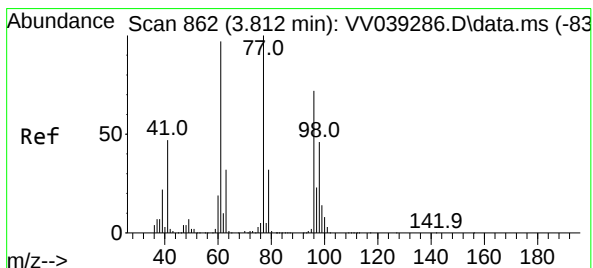
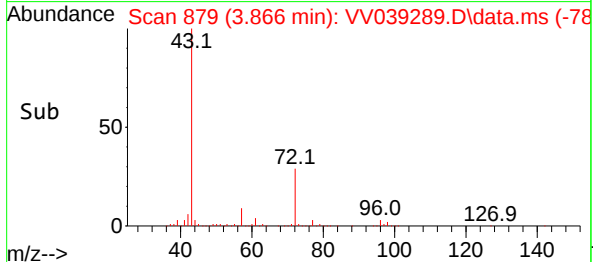
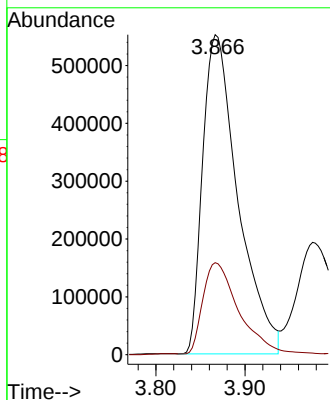
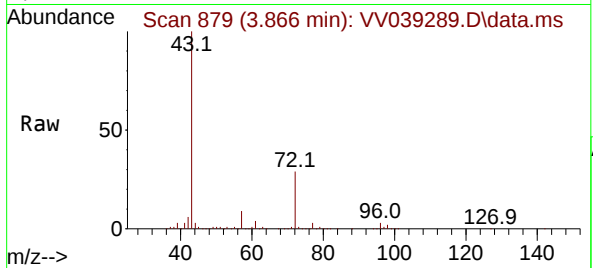




#25
2-Butanone
Concen: 257.562 ug/l
RT: 3.866 min Scan# 81
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

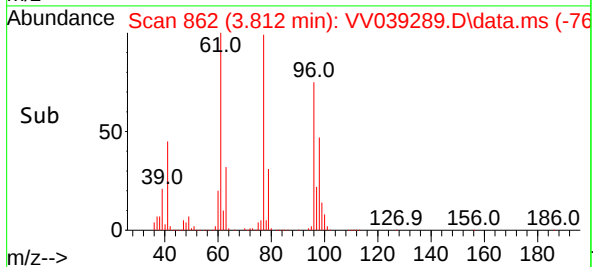
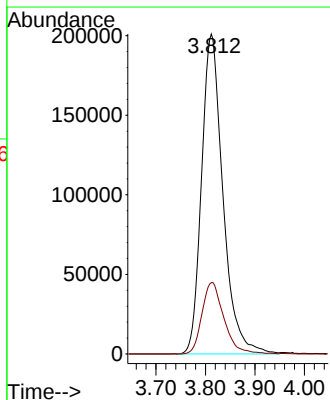
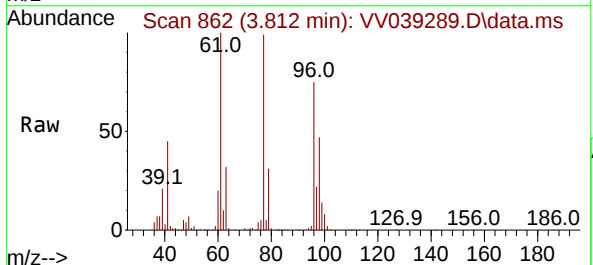
Instrument :
MSVOA_V
ClientSampleId :
ICVVV100725

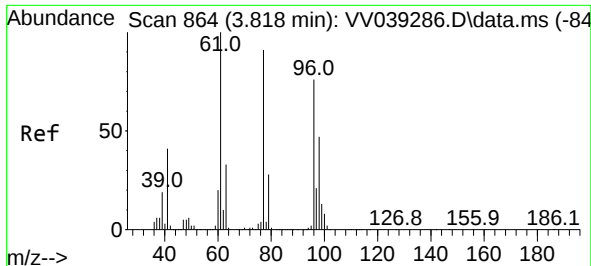
Tgt Ion: 43 Resp: 1522527
Ion Ratio Lower Upper
43 100
72 28.6 22.6 34.0



#26
2,2-Dichloropropane
Concen: 42.820 ug/l
RT: 3.812 min Scan# 862
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

Tgt Ion: 77 Resp: 603192
Ion Ratio Lower Upper
77 100
97 22.8 11.6 34.8



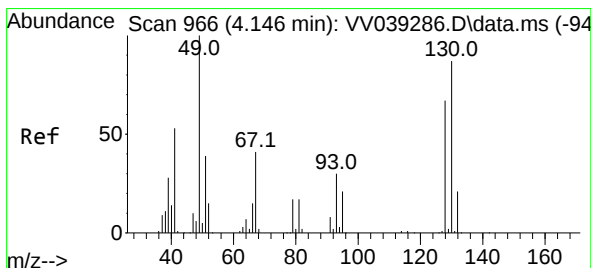
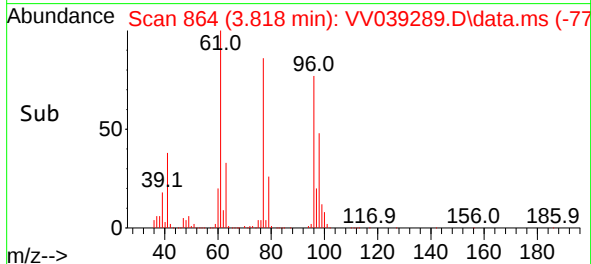
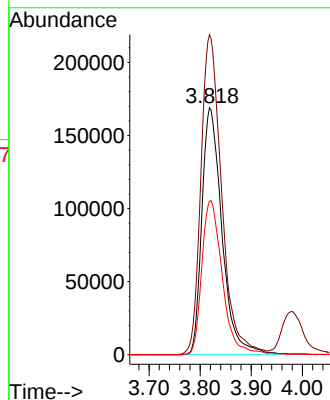
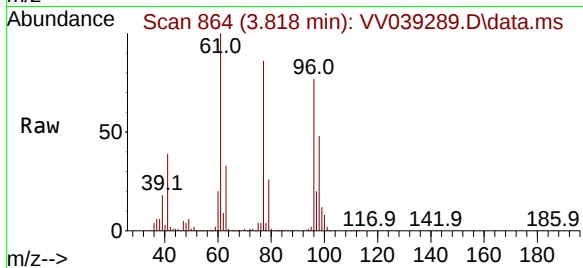


#27
 cis-1,2-Dichloroethene
 Concen: 47.770 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VV039289.D
 Acq: 07 Oct 2025 12:18

Instrument :
 MSVOA_V
 ClientSampleId :
 ICVVV100725

Tgt Ion: 96 Resp: 461918

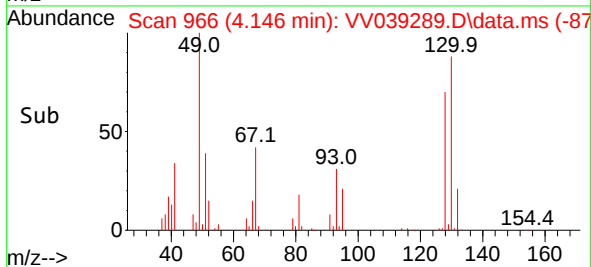
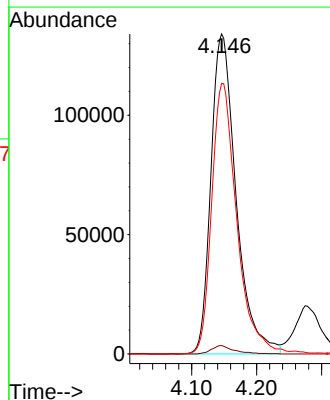
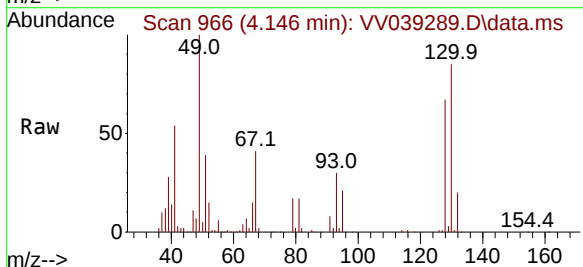
Ion	Ratio	Lower	Upper
96	100		
61	133.8	0.0	275.0
98	63.3	0.0	127.8

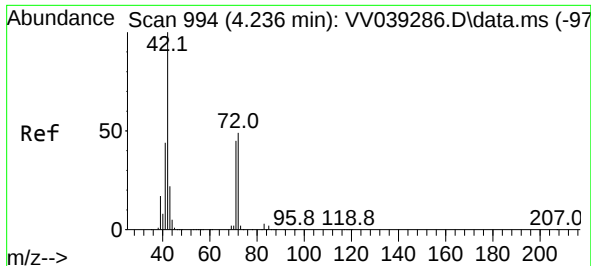


#28
 Bromochloromethane
 Concen: 48.442 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. -0.000 min
 Lab File: VV039289.D
 Acq: 07 Oct 2025 12:18

Tgt Ion: 49 Resp: 361200

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	84.2	69.5	104.3





#29

Tetrahydrofuran

Concen: 266.937 ug/l

RT: 4.239 min Scan# 994

Delta R.T. 0.003 min

Lab File: VV039289.D

Acq: 07 Oct 2025 12:18

Instrument :

MSVOA_V

ClientSampleId :

ICVVV100725

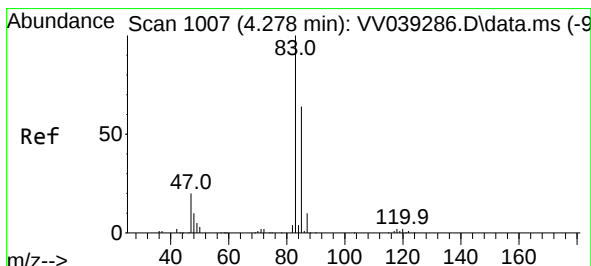
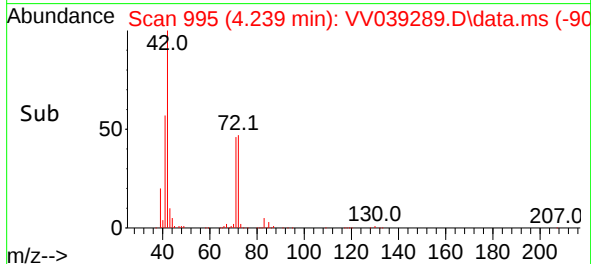
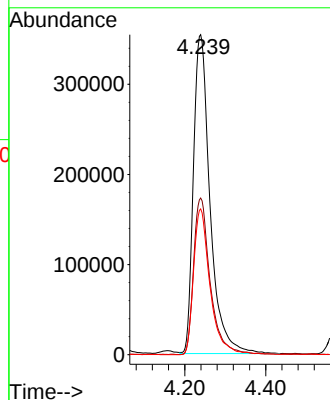
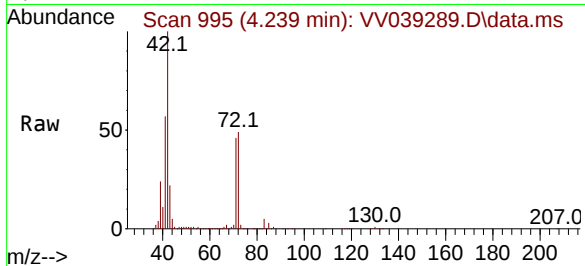
Tgt Ion: 42 Resp: 1008916

Ion Ratio Lower Upper

42 100

72 48.9 39.8 59.8

71 45.1 36.5 54.7



#30

Chloroform

Concen: 43.769 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. -0.000 min

Lab File: VV039289.D

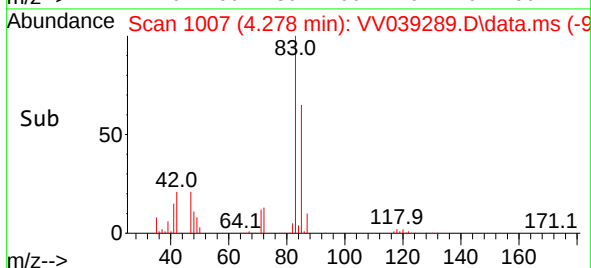
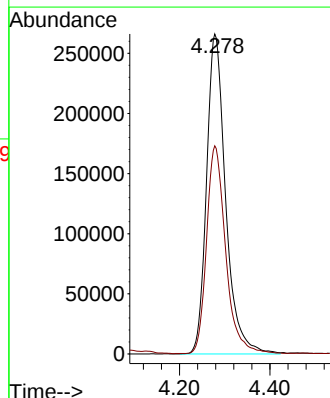
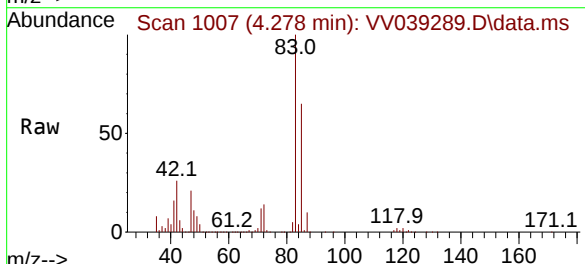
Acq: 07 Oct 2025 12:18

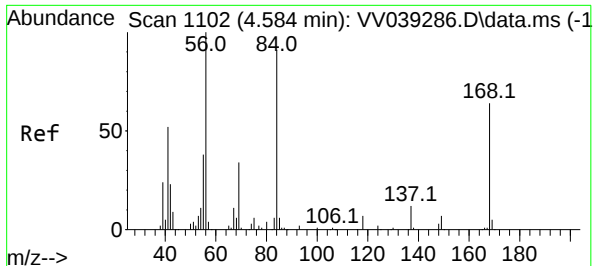
Tgt Ion: 83 Resp: 780635

Ion Ratio Lower Upper

83 100

85 64.9 51.1 76.7

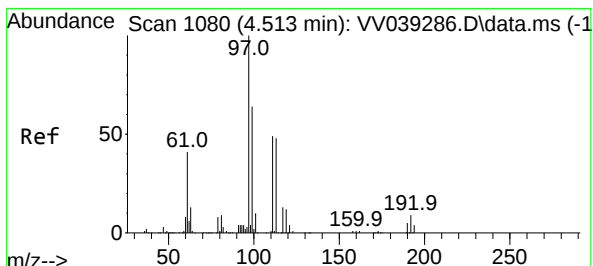
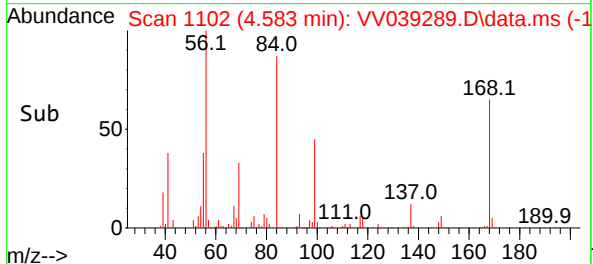
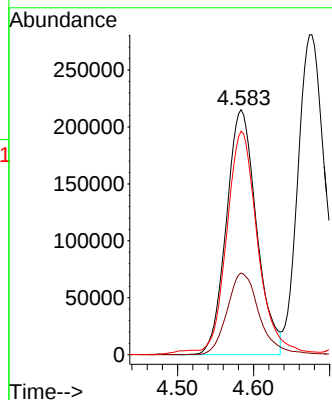
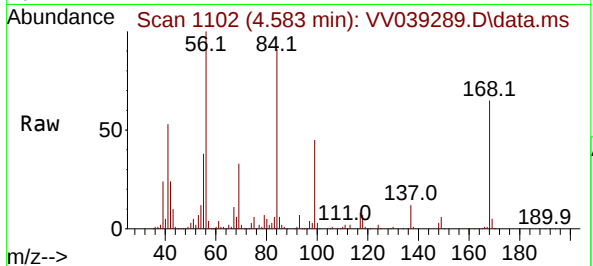




#31
Cyclohexane
Concen: 46.556 ug/l
RT: 4.583 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

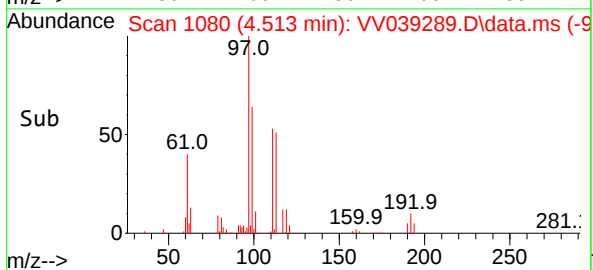
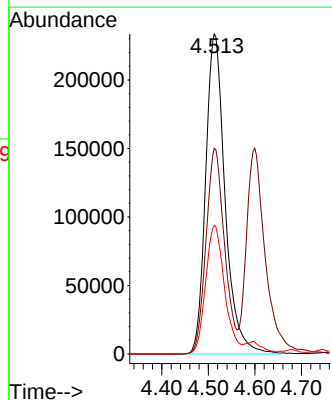
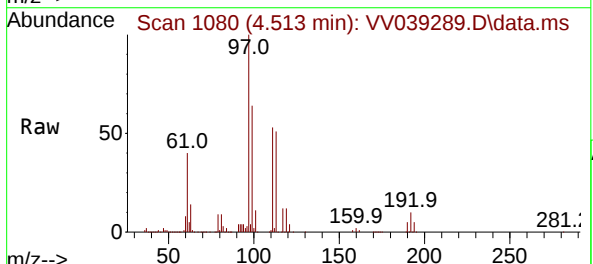
Instrument :
MSVOA_V
ClientSampleId :
ICVVV100725

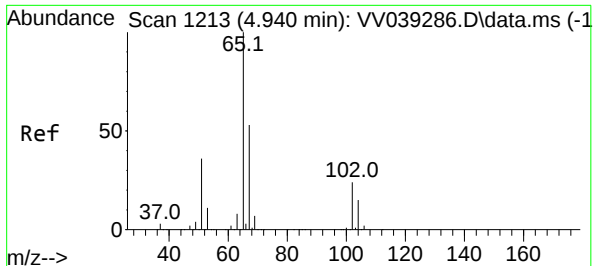
Tgt Ion: 56 Resp: 593052
Ion Ratio Lower Upper
56 100
69 33.3 27.4 41.0
84 89.6 72.8 109.2



#32
1,1,1-Trichloroethane
Concen: 43.440 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

Tgt Ion: 97 Resp: 677409
Ion Ratio Lower Upper
97 100
99 60.9 48.6 72.8
61 39.1 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 49.815 ug/l

RT: 4.940 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV039289.D

Acq: 07 Oct 2025 12:18

Instrument :

MSVOA_V

ClientSampleId :

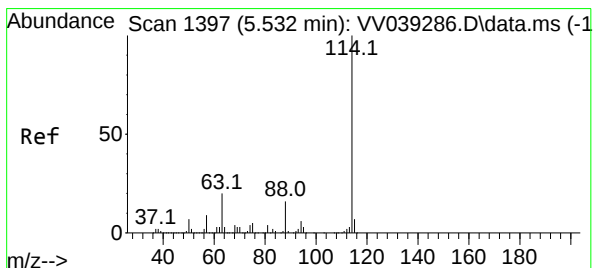
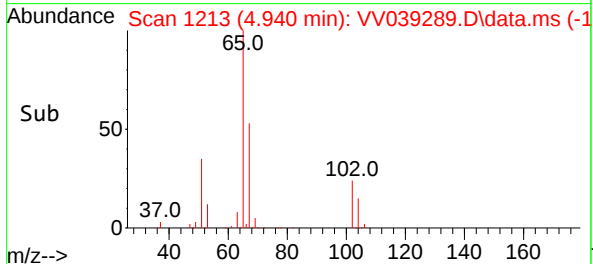
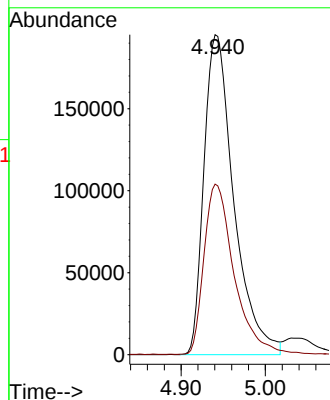
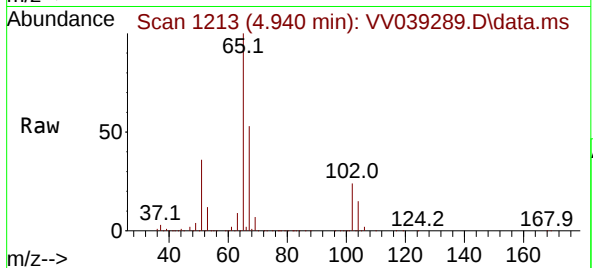
ICVVV100725

Tgt Ion: 65 Resp: 481511

Ion Ratio Lower Upper

65 100

67 53.5 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VV039289.D

Acq: 07 Oct 2025 12:18

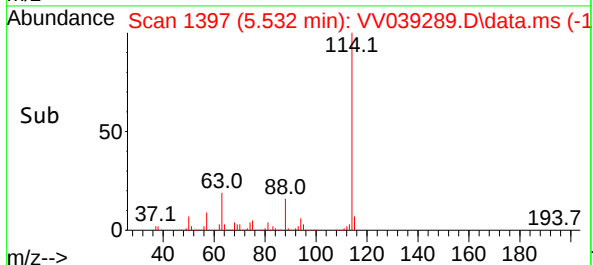
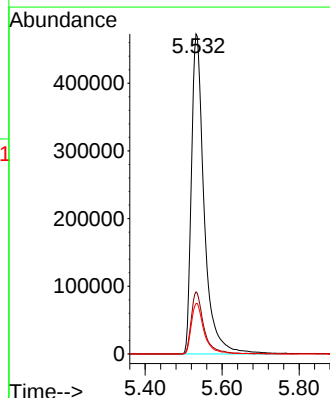
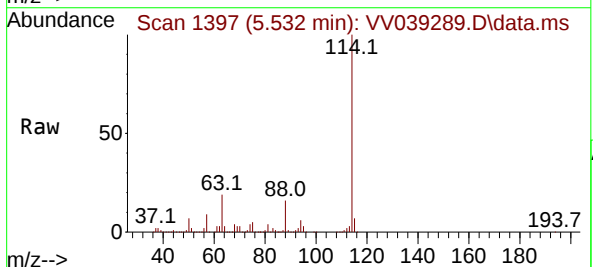
Tgt Ion: 114 Resp: 1088696

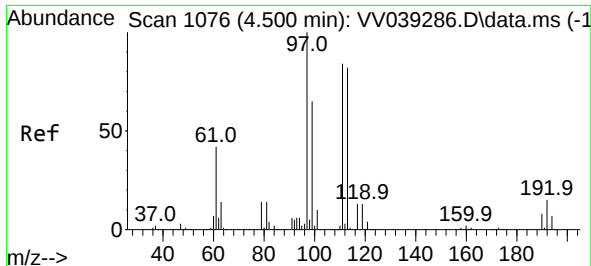
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 15.8 0.0 31.6

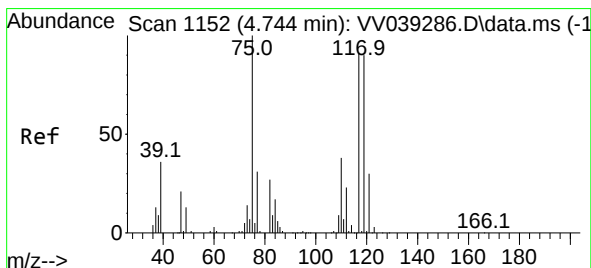
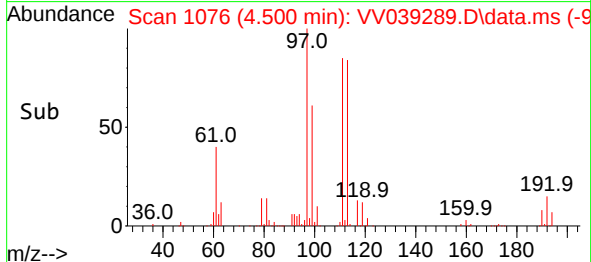
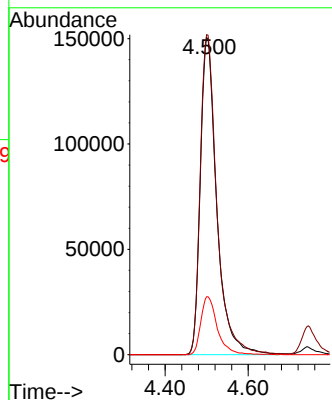
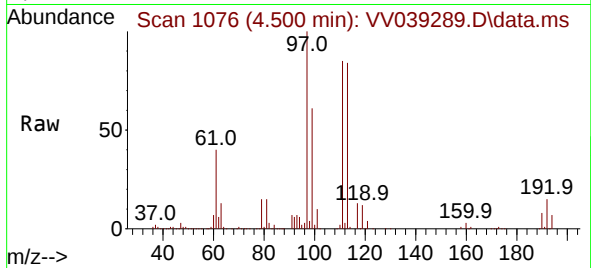




#35
Dibromofluoromethane
Concen: 48.132 ug/l
RT: 4.500 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

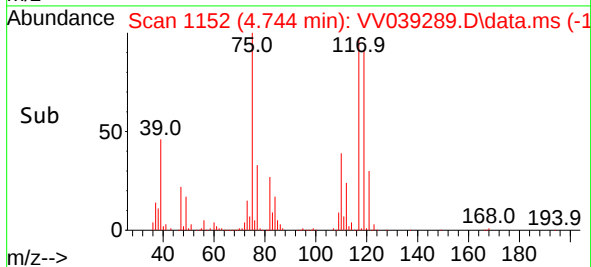
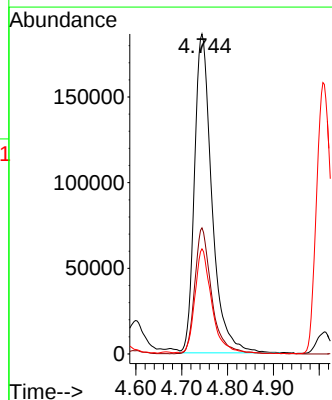
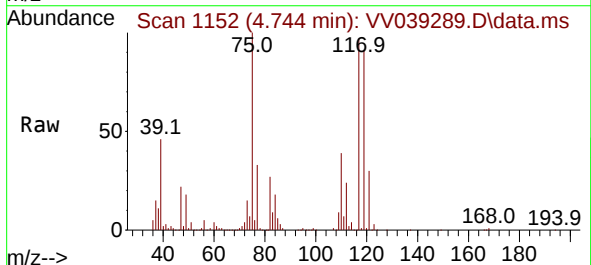
Instrument :
MSVOA_V
ClientSampleId :
ICVVV100725

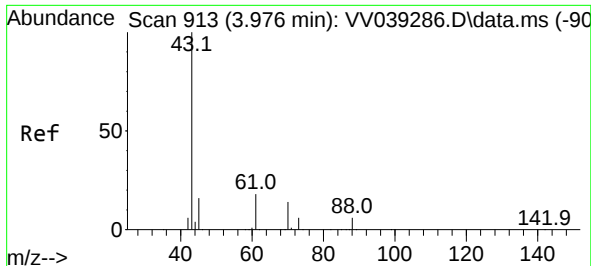
Tgt Ion:113 Resp: 412884
Ion Ratio Lower Upper
113 100
111 101.8 82.0 123.0
192 18.3 14.3 21.5



#36
1,1-Dichloropropene
Concen: 45.731 ug/l
RT: 4.744 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

Tgt Ion: 75 Resp: 492718
Ion Ratio Lower Upper
75 100
110 37.8 18.9 56.7
77 30.7 24.1 36.1

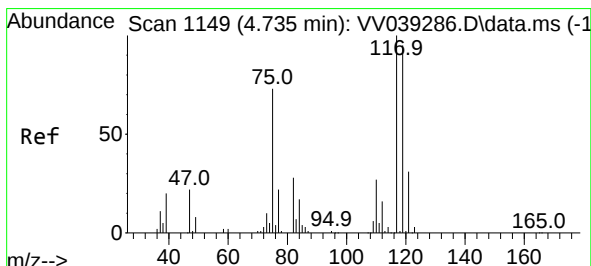
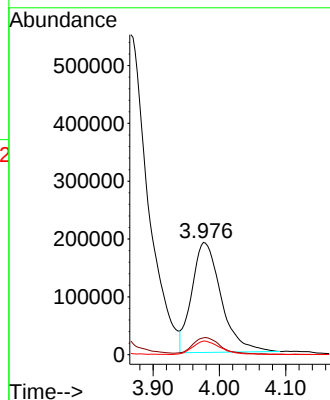
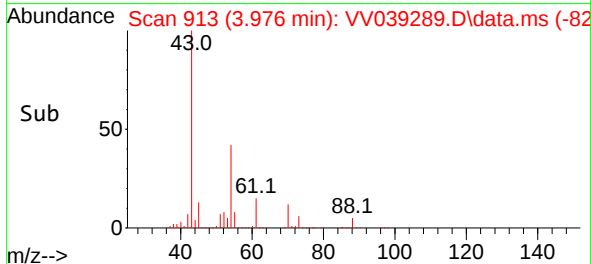
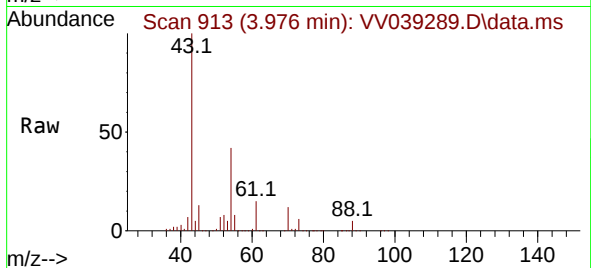




#37
Ethyl Acetate
Concen: 46.408 ug/l
RT: 3.976 min Scan# 913
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

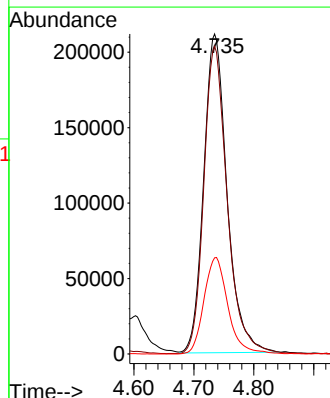
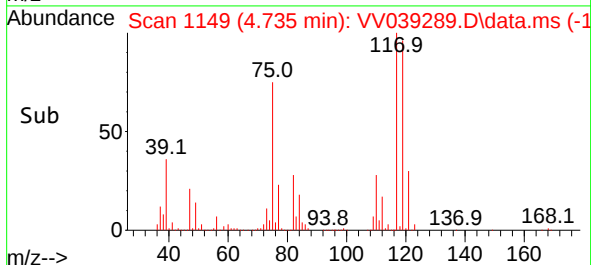
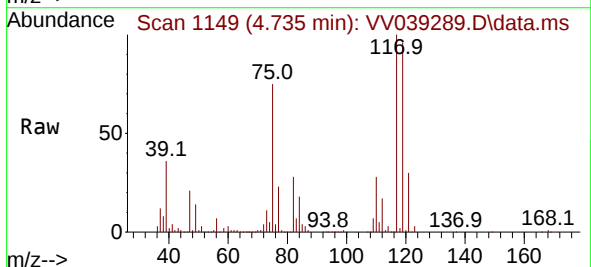
Instrument :
MSVOA_V
ClientSampleId :
ICVVV100725

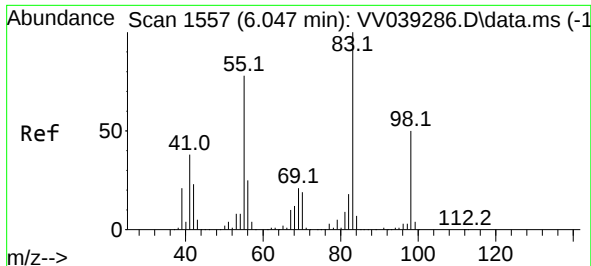
Tgt Ion: 43 Resp: 585358
Ion Ratio Lower Upper
43 100
61 13.8 12.2 18.2
70 11.3 9.0 13.4



#38
Carbon Tetrachloride
Concen: 43.684 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

Tgt Ion: 117 Resp: 573415
Ion Ratio Lower Upper
117 100
119 96.5 75.9 113.9
121 30.2 24.6 37.0





#39

Methylcyclohexane

Concen: 49.258 ug/l

RT: 6.046 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV039289.D

Acq: 07 Oct 2025 12:18

Instrument :

MSVOA_V

ClientSampleId :

ICVVV100725

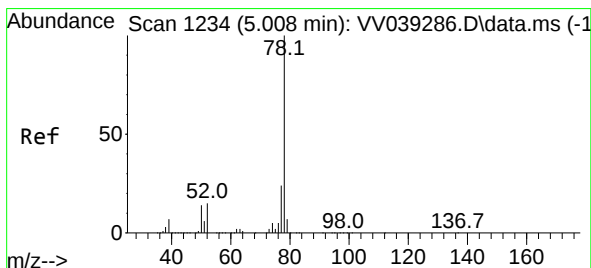
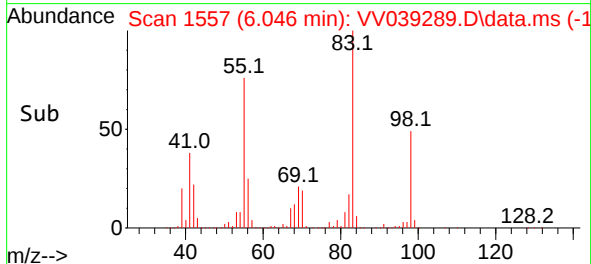
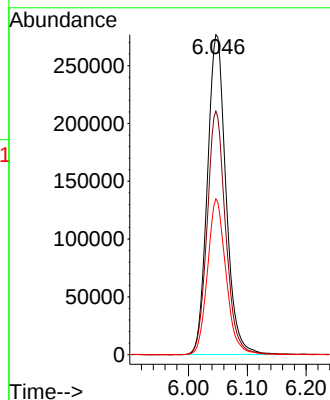
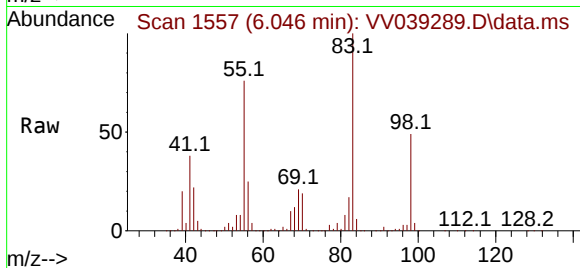
Tgt Ion: 83 Resp: 606545

Ion Ratio Lower Upper

83 100

55 76.2 62.1 93.1

98 48.7 40.2 60.4



#40

Benzene

Concen: 46.558 ug/l

RT: 5.011 min Scan# 1235

Delta R.T. 0.003 min

Lab File: VV039289.D

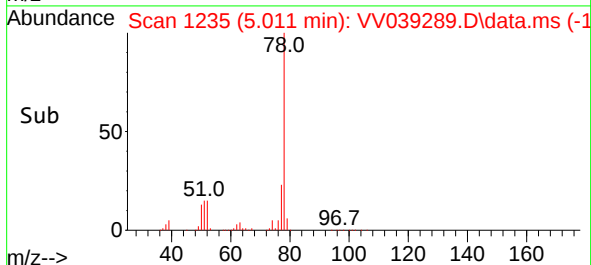
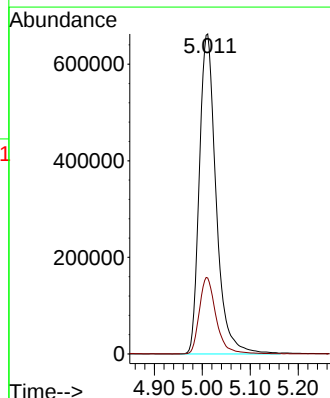
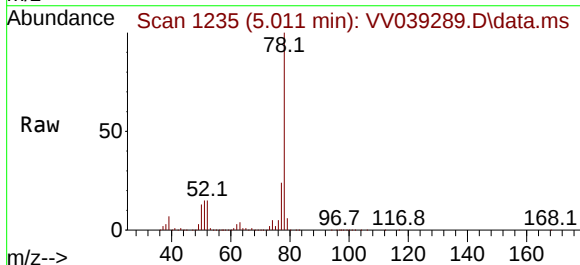
Acq: 07 Oct 2025 12:18

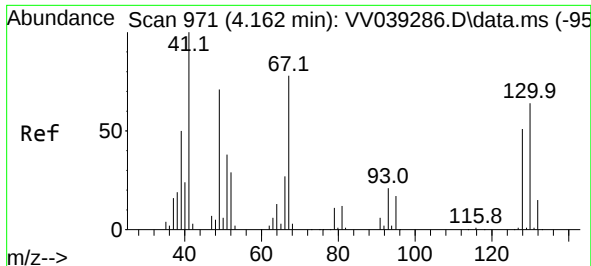
Tgt Ion: 78 Resp: 1609624

Ion Ratio Lower Upper

78 100

77 23.7 18.9 28.3

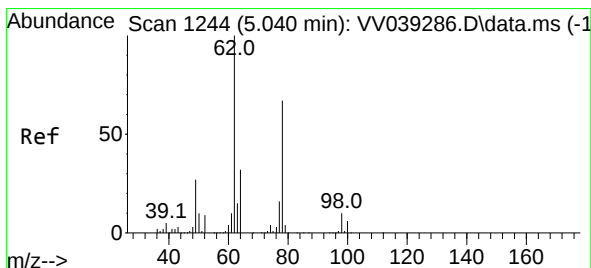
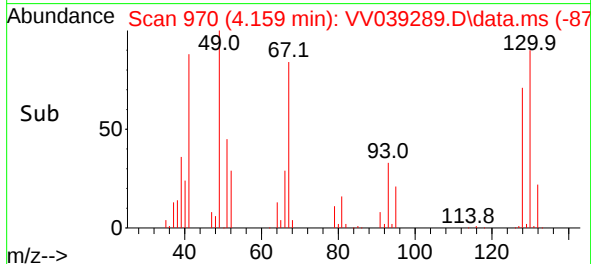
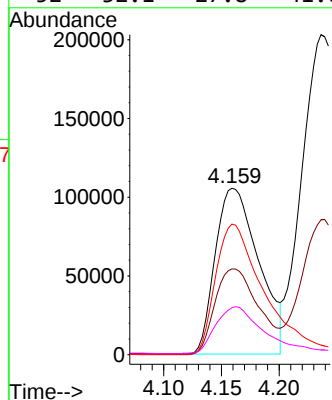
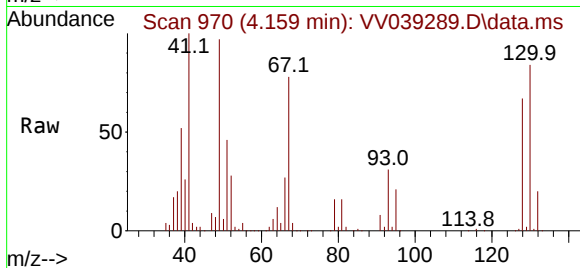




#41
Methacrylonitrile
Concen: 51.206 ug/l
RT: 4.159 min Scan# 91
Delta R.T. -0.003 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

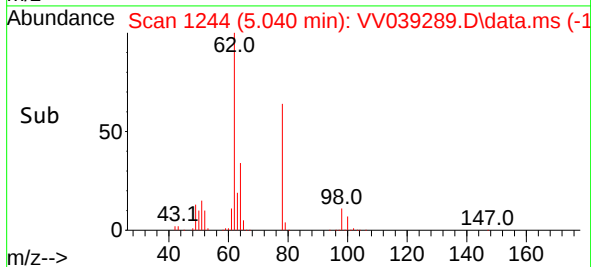
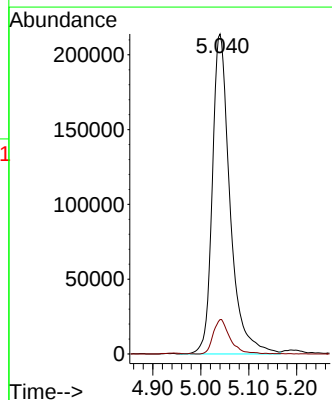
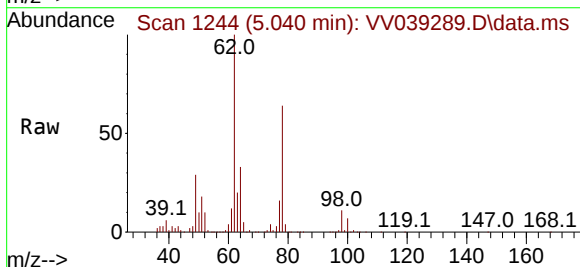
Instrument :
MSVOA_V
ClientSampleId :
ICVVV100725

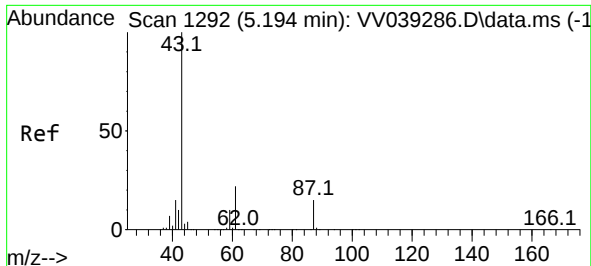
Tgt Ion: 41 Resp: 276470
Ion Ratio Lower Upper
41 100
39 51.6 40.9 61.3
67 90.4 73.1 109.7
52 32.1 27.8 41.6



#42
1,2-Dichloroethane
Concen: 45.210 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

Tgt Ion: 62 Resp: 548560
Ion Ratio Lower Upper
62 100
98 10.2 0.0 21.0

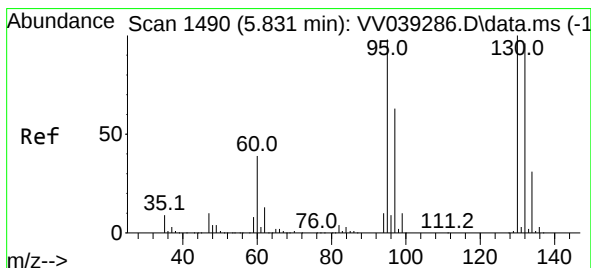
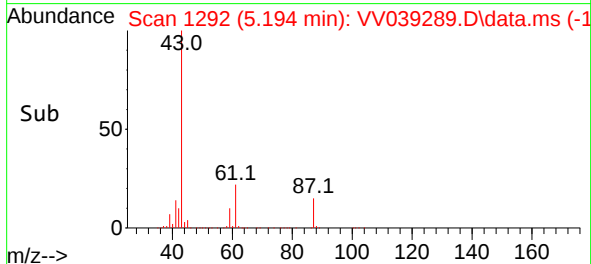
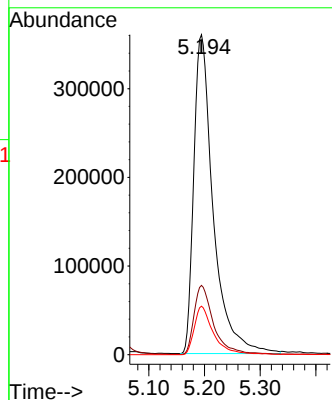
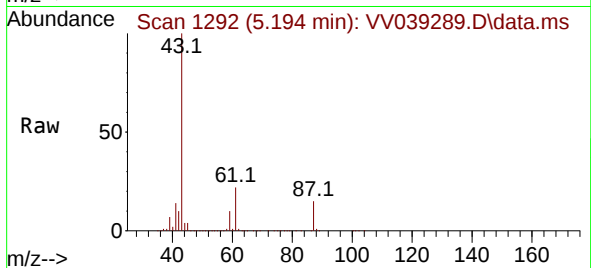




#43
Isopropyl Acetate
Concen: 52.879 ug/l
RT: 5.194 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

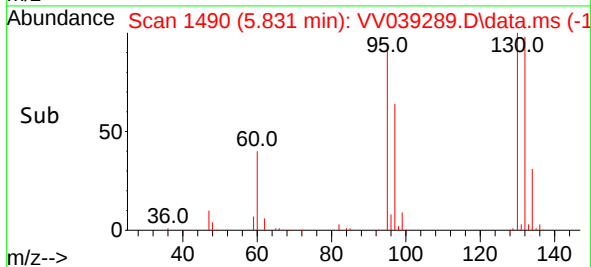
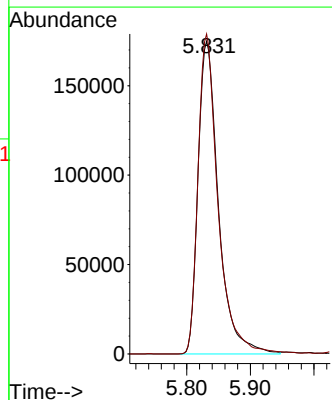
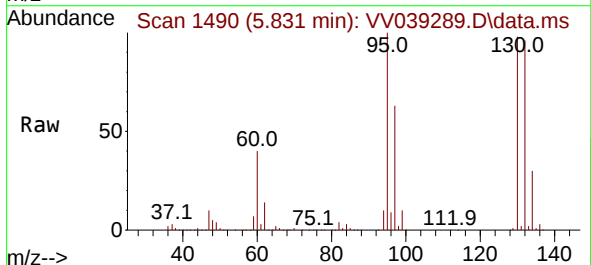
Instrument :
MSVOA_V
ClientSampleId :
ICVVV100725

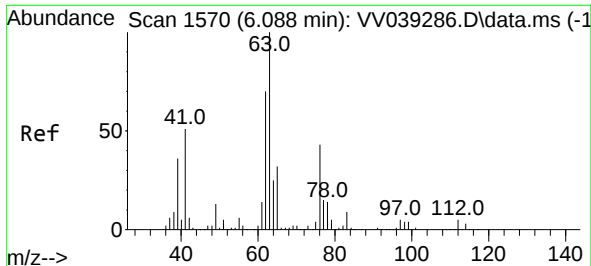
Tgt Ion: 43 Resp: 873224
Ion Ratio Lower Upper
43 100
61 21.7 17.1 25.7
87 15.0 11.5 17.3



#44
Trichloroethene
Concen: 44.830 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

Tgt Ion:130 Resp: 389754
Ion Ratio Lower Upper
130 100
95 102.2 0.0 196.6





#45

1,2-Dichloropropane

Concen: 49.440 ug/l

RT: 6.088 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV039289.D

Acq: 07 Oct 2025 12:18

Instrument :

MSVOA_V

ClientSampleId :

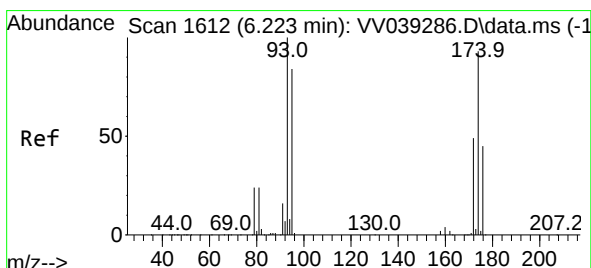
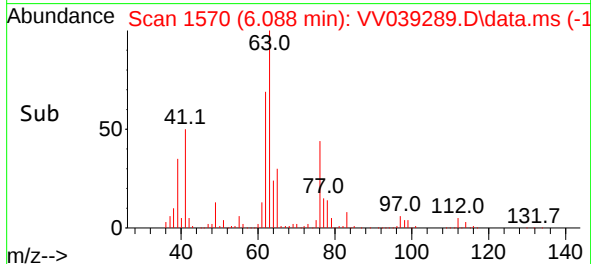
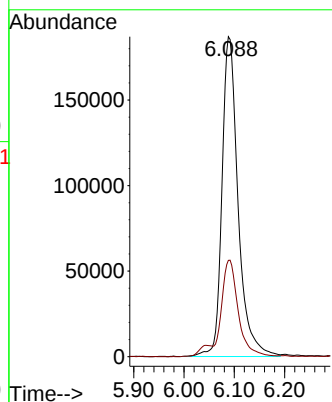
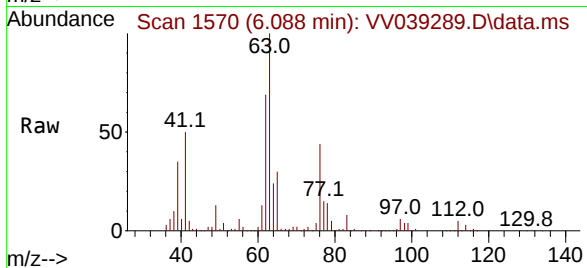
ICVVV100725

Tgt Ion: 63 Resp: 415923

Ion Ratio Lower Upper

63 100

65 30.1 25.4 38.2



#46

Dibromomethane

Concen: 45.727 ug/l

RT: 6.226 min Scan# 1613

Delta R.T. 0.003 min

Lab File: VV039289.D

Acq: 07 Oct 2025 12:18

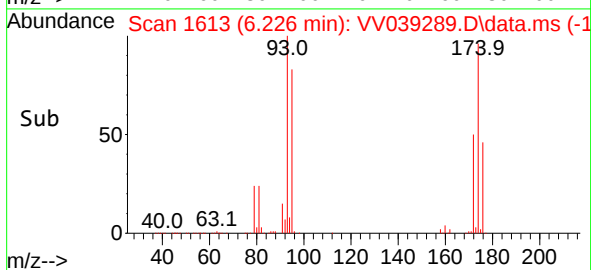
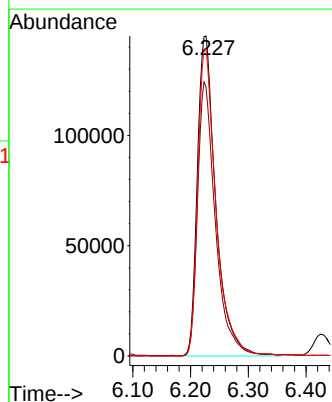
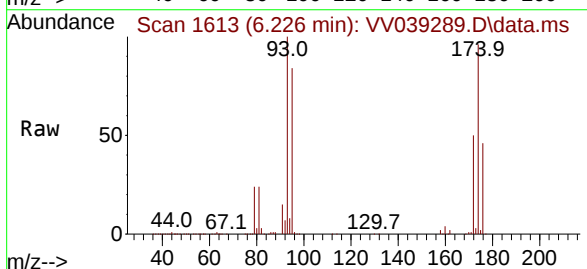
Tgt Ion: 93 Resp: 321539

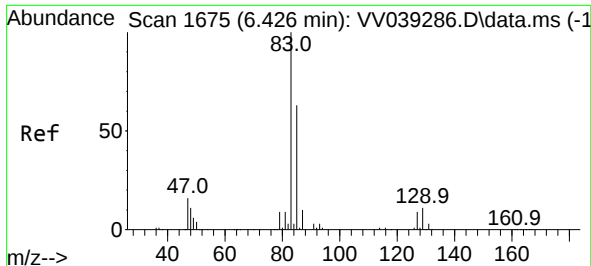
Ion Ratio Lower Upper

93 100

95 83.2 65.6 98.4

174 94.9 74.6 112.0

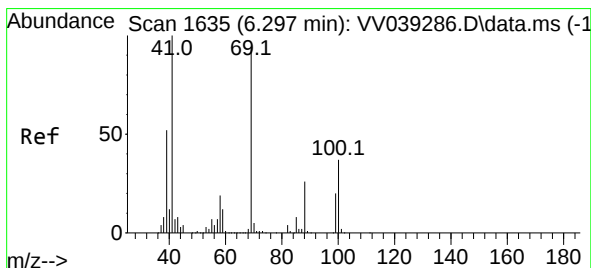
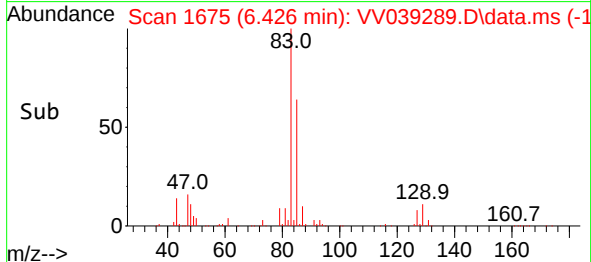
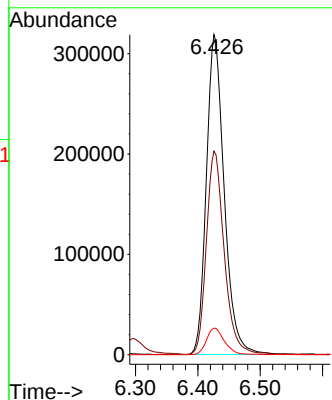
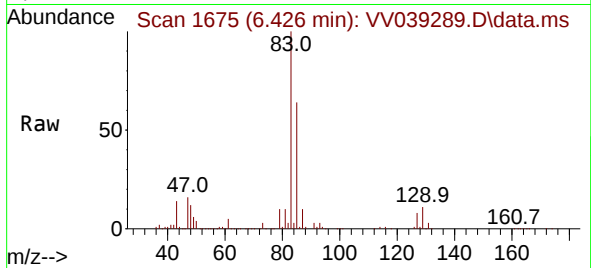




#47
Bromodichloromethane
Concen: 45.813 ug/l
RT: 6.426 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

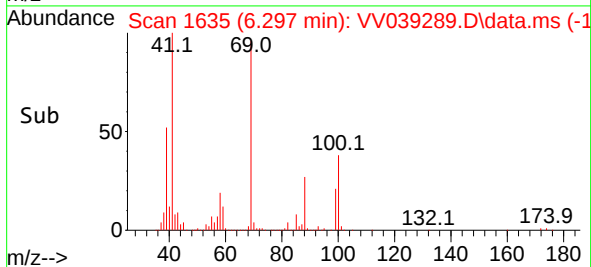
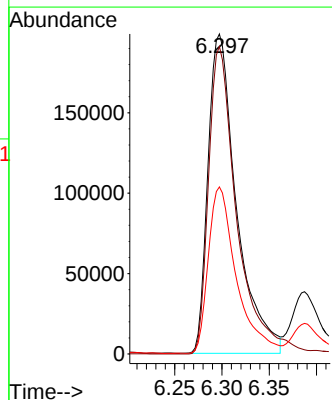
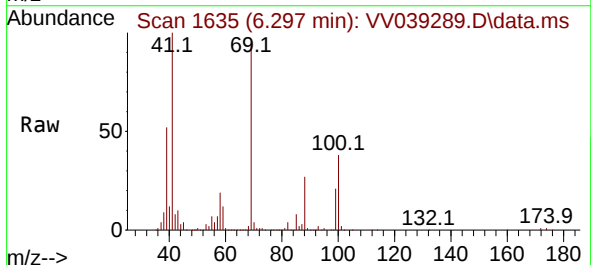
Instrument :
MSVOA_V
ClientSampleId :
ICVVV100725

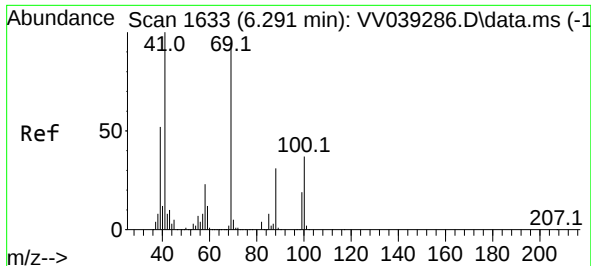
Tgt Ion: 83 Resp: 634739
Ion Ratio Lower Upper
83 100
85 63.4 50.9 76.3
127 8.3 7.0 10.6



#48
Methyl methacrylate
Concen: 54.443 ug/l
RT: 6.297 min Scan# 1635
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

Tgt Ion: 41 Resp: 416502
Ion Ratio Lower Upper
41 100
69 96.5 77.2 115.8
39 51.2 41.4 62.0





#49

1,4-Dioxane

Concen: 1179.813 ug/l

RT: 6.291 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV039289.D

Acq: 07 Oct 2025 12:18

Instrument :

MSVOA_V

ClientSampleId :

ICVVV100725

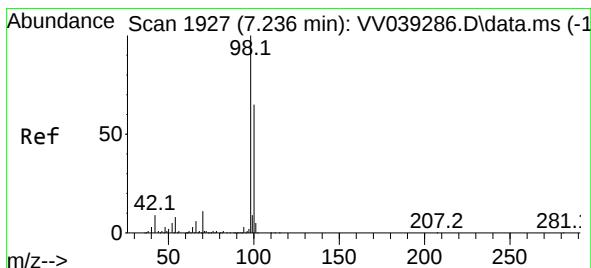
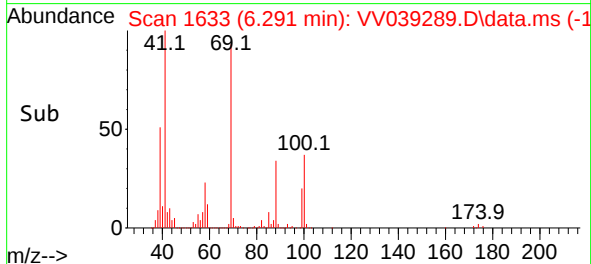
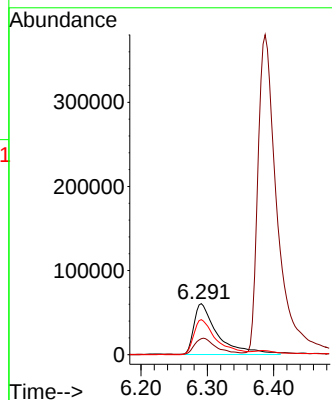
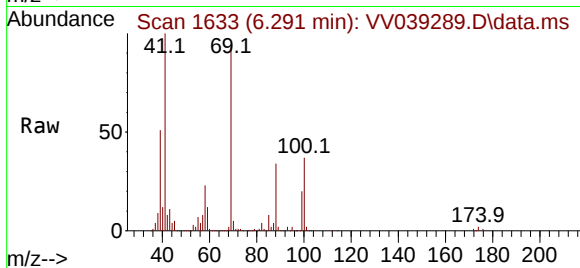
Tgt Ion: 88 Resp: 150148

Ion Ratio Lower Upper

88 100

43 28.9 24.1 36.1

58 65.7 57.6 86.4



#50

Toluene-d8

Concen: 49.827 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. -0.000 min

Lab File: VV039289.D

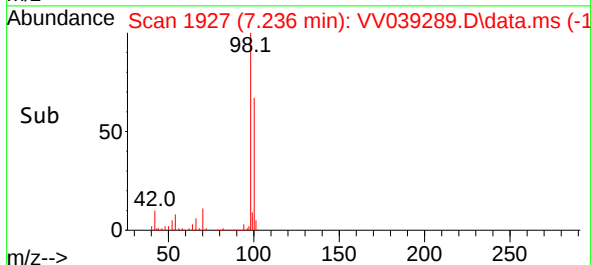
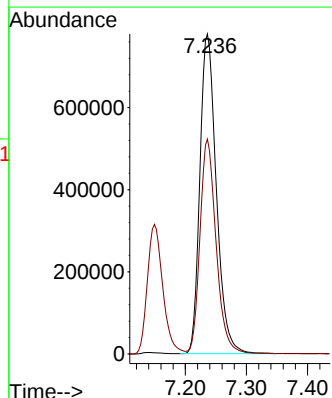
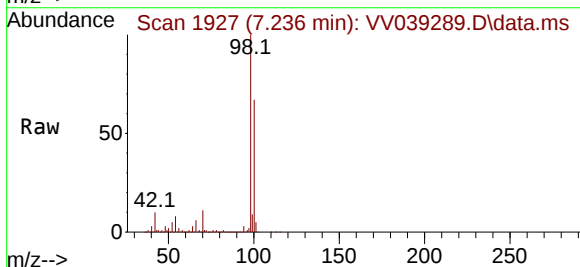
Acq: 07 Oct 2025 12:18

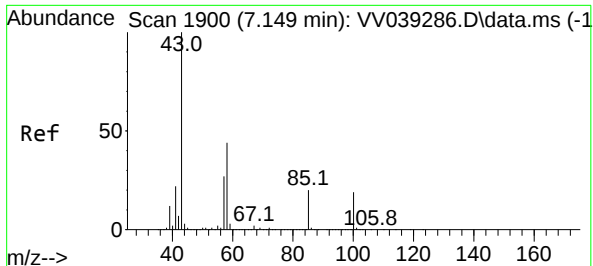
Tgt Ion: 98 Resp: 1454081

Ion Ratio Lower Upper

98 100

100 65.9 52.8 79.2

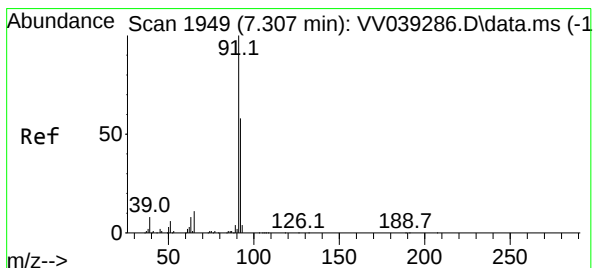
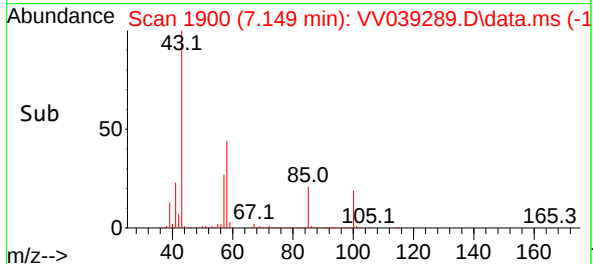
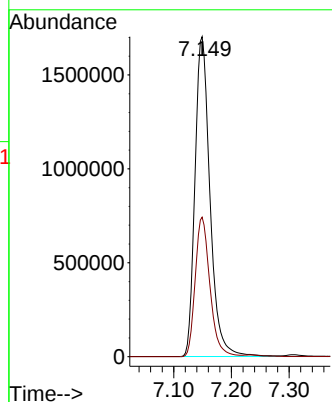
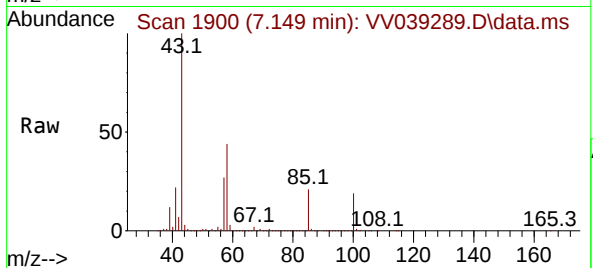




#51
4-Methyl-2-Pentanone
Concen: 268.622 ug/l
RT: 7.149 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

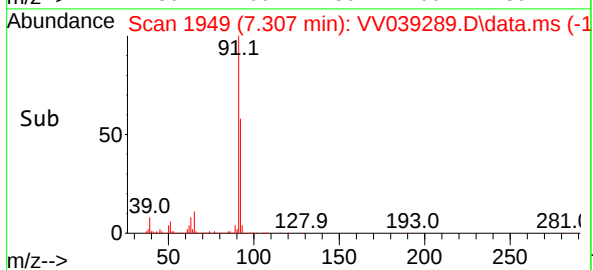
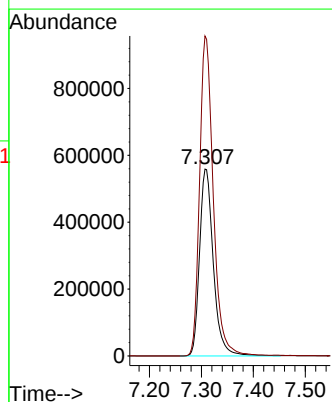
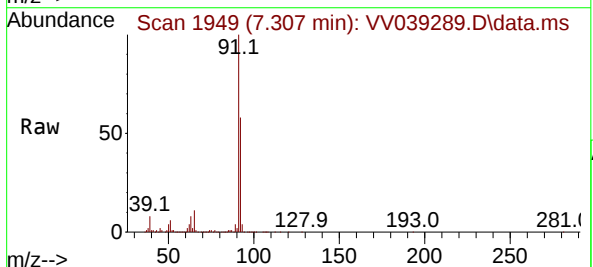
Instrument :
MSVOA_V
ClientSampleId :
ICVVV100725

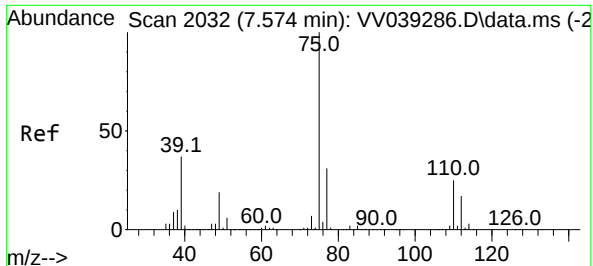
Tgt Ion: 43 Resp: 3077518
Ion Ratio Lower Upper
43 100
58 42.7 34.2 51.4



#52
Toluene
Concen: 49.249 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

Tgt Ion: 92 Resp: 1028063
Ion Ratio Lower Upper
92 100
91 170.5 137.3 205.9

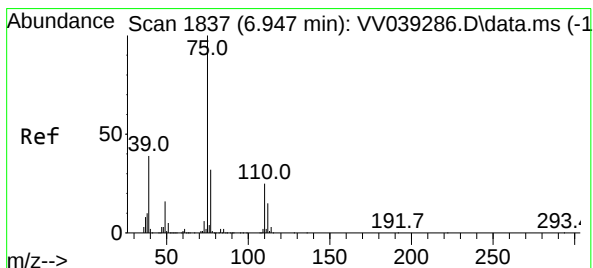
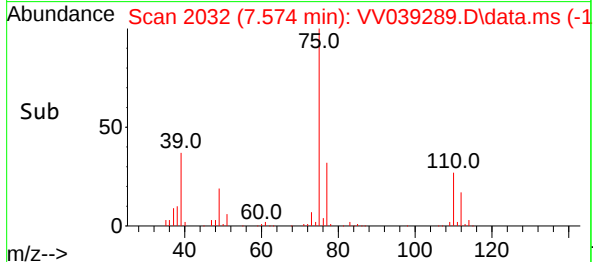
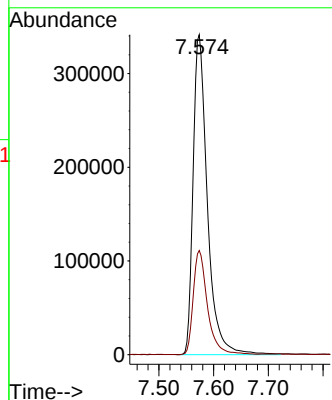
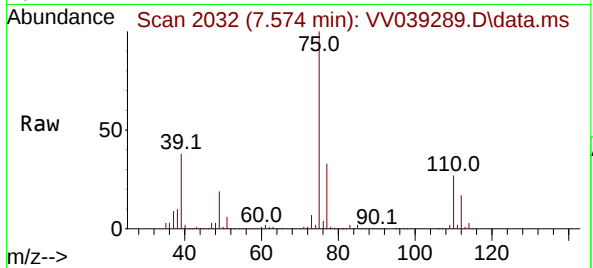




#53
 t-1,3-Dichloropropene
 Concen: 50.992 ug/l
 RT: 7.574 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VV039289.D
 Acq: 07 Oct 2025 12:18

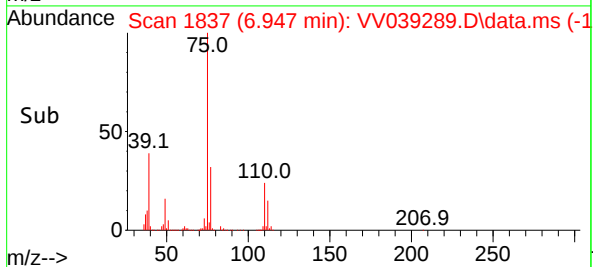
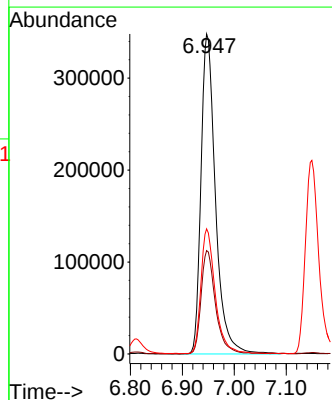
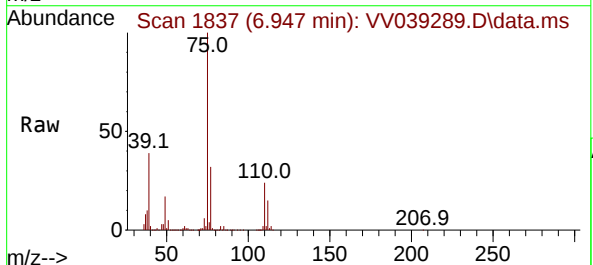
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVVV100725

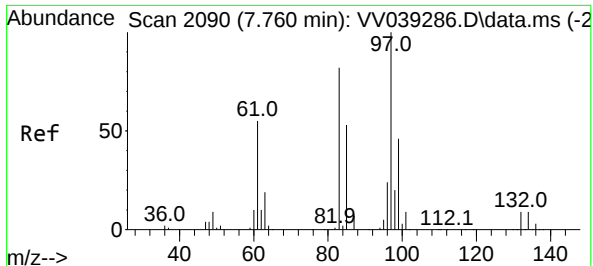
Tgt Ion: 75 Resp: 617453
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 50.088 ug/l
 RT: 6.947 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: VV039289.D
 Acq: 07 Oct 2025 12:18

Tgt Ion: 75 Resp: 674300
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.6 38.4
 39 39.0 31.0 46.6





#55

1,1,2-Trichloroethane

Concen: 46.606 ug/l

RT: 7.760 min Scan# 2090

Delta R.T. -0.000 min

Lab File: VV039289.D

Acq: 07 Oct 2025 12:18

Instrument :

MSVOA_V

ClientSampleId :

ICVVV100725

Tgt Ion: 97 Resp: 439297

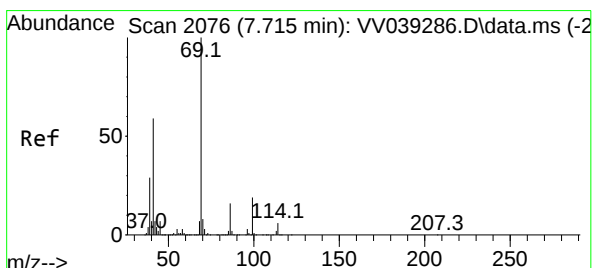
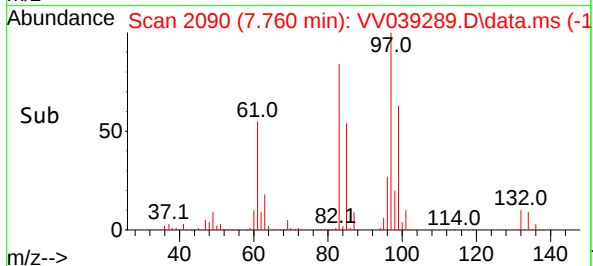
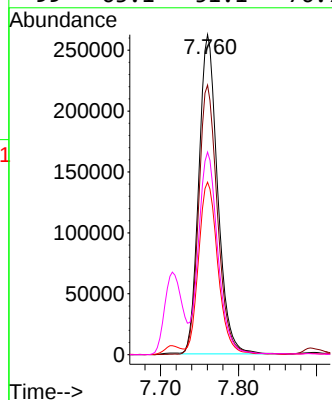
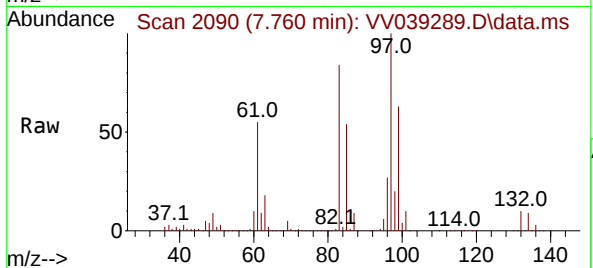
Ion Ratio Lower Upper

97 100

83 84.2 65.8 98.8

85 53.9 43.3 64.9

99 63.1 51.1 76.7



#56

Ethyl methacrylate

Concen: 59.189 ug/l

RT: 7.715 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VV039289.D

Acq: 07 Oct 2025 12:18

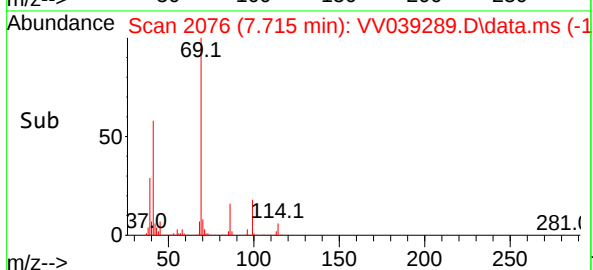
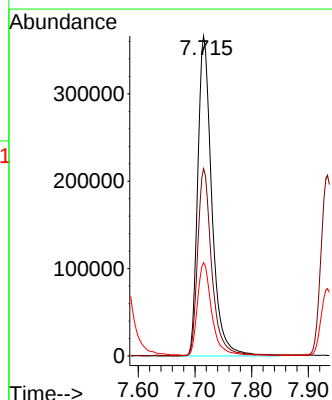
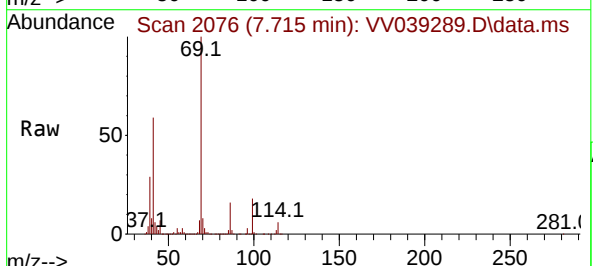
Tgt Ion: 69 Resp: 632075

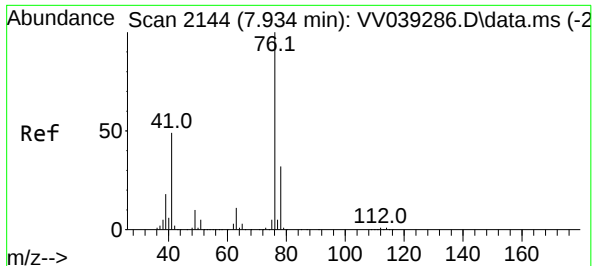
Ion Ratio Lower Upper

69 100

41 58.1 47.1 70.7

39 28.9 23.2 34.8





#57

1,3-Dichloropropane

Concen: 49.151 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VV039289.D

Acq: 07 Oct 2025 12:18

Instrument :

MSVOA_V

ClientSampleId :

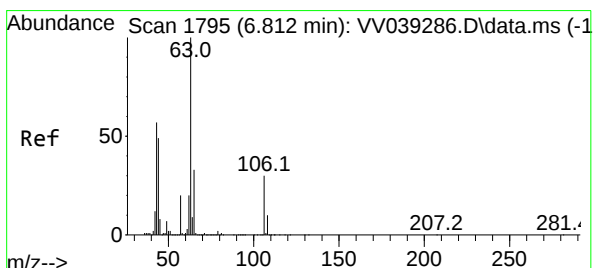
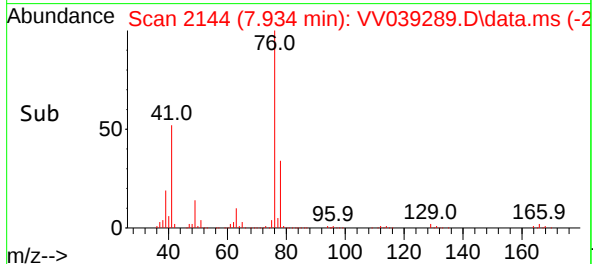
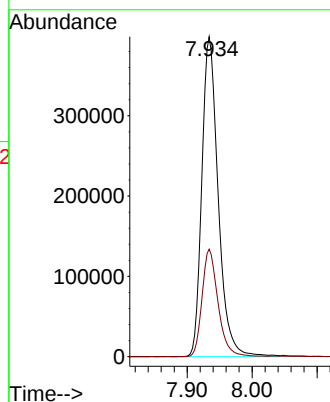
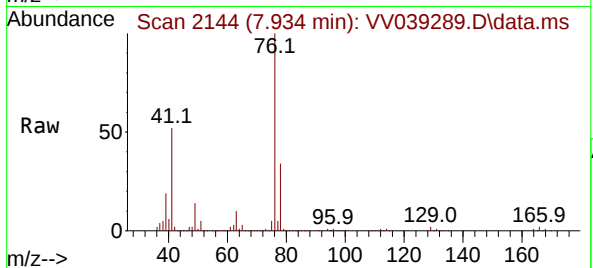
ICVVV100725

Tgt Ion: 76 Resp: 699121

Ion Ratio Lower Upper

76 100

78 32.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 249.980 ug/l

RT: 6.812 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VV039289.D

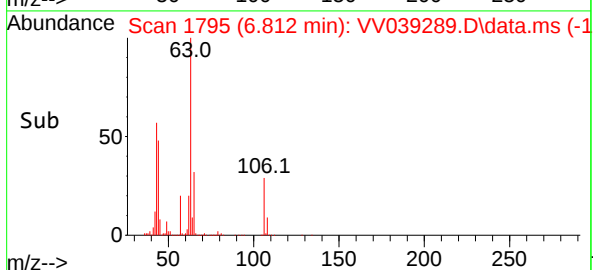
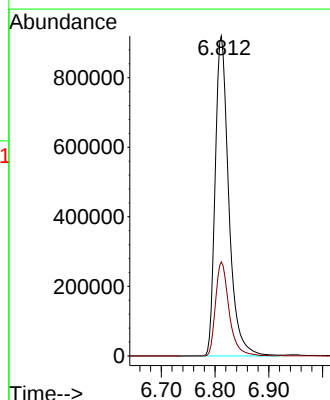
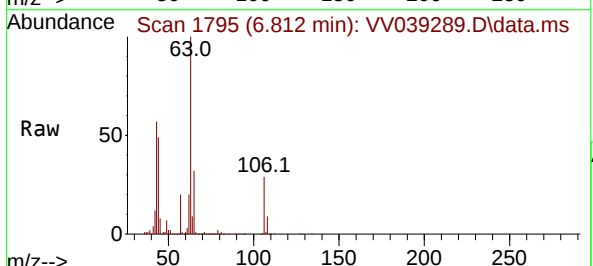
Acq: 07 Oct 2025 12:18

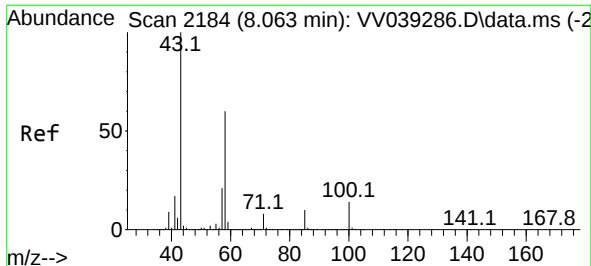
Tgt Ion: 63 Resp: 1615393

Ion Ratio Lower Upper

63 100

106 29.3 23.5 35.3

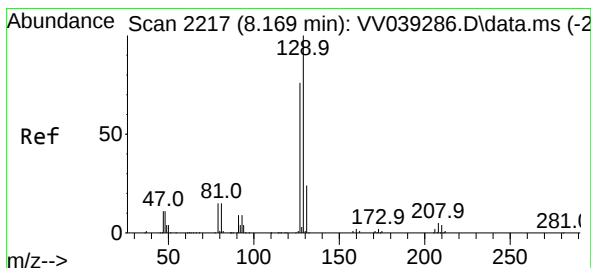
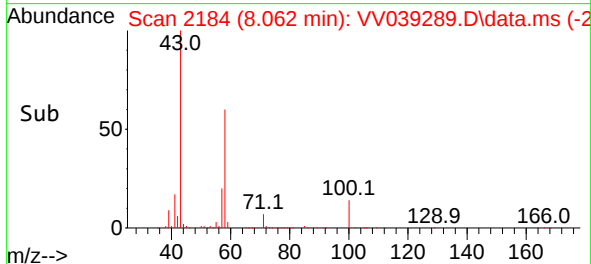
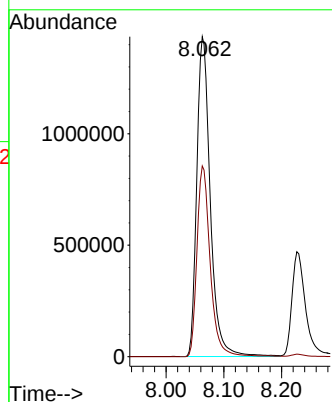
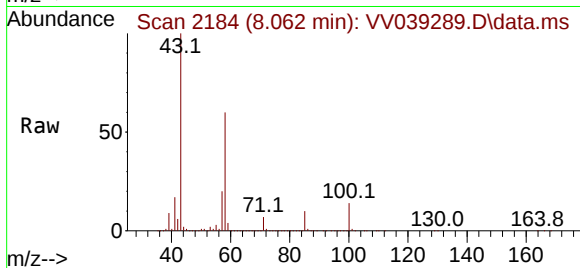




#59
2-Hexanone
Concen: 276.742 ug/l
RT: 8.062 min Scan# 2184
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

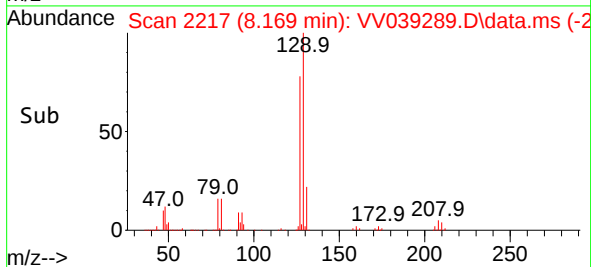
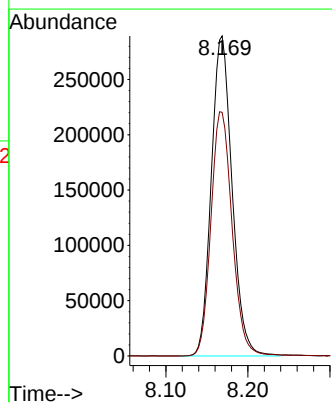
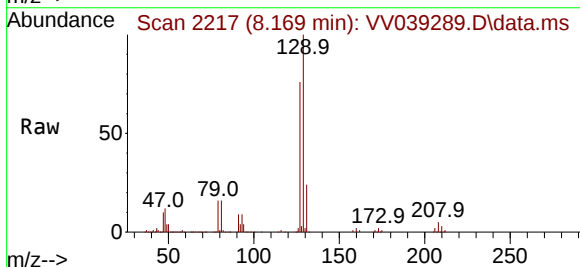
Instrument :
MSVOA_V
ClientSampleId :
ICVVV100725

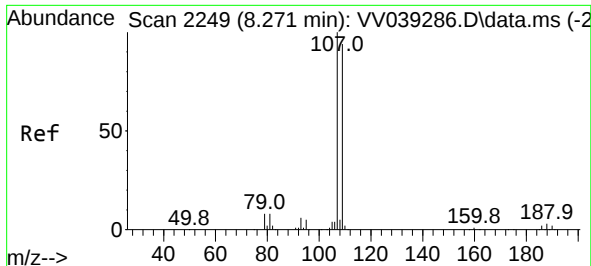
Tgt Ion: 43 Resp: 2327647
Ion Ratio Lower Upper
43 100
58 58.5 29.6 88.9



#60
Dibromochloromethane
Concen: 46.246 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

Tgt Ion: 129 Resp: 509675
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.1





#61

1,2-Dibromoethane

Concen: 48.399 ug/l

RT: 8.271 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV039289.D

Acq: 07 Oct 2025 12:18

Instrument :

MSVOA_V

ClientSampleId :

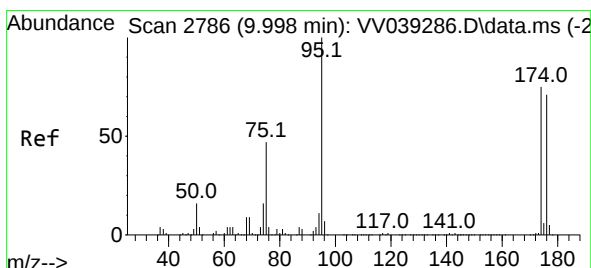
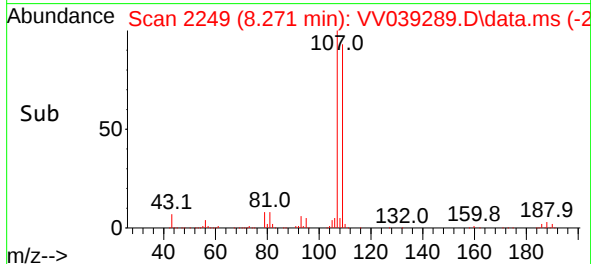
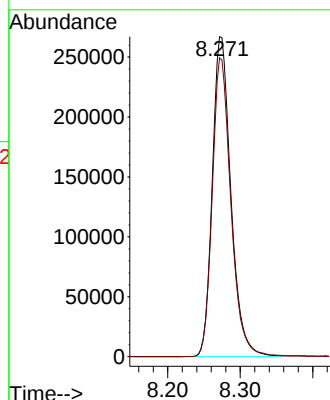
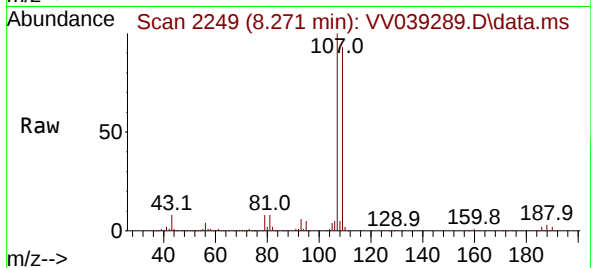
ICVVV100725

Tgt Ion:107 Resp: 475021

Ion Ratio Lower Upper

107 100

109 93.8 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 52.365 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. 0.003 min

Lab File: VV039289.D

Acq: 07 Oct 2025 12:18

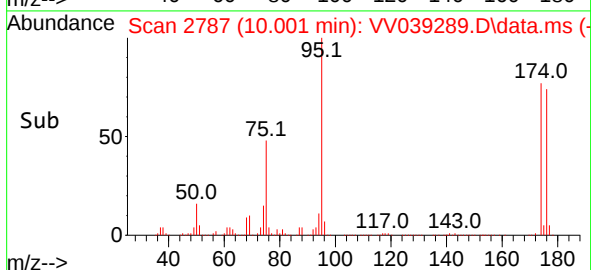
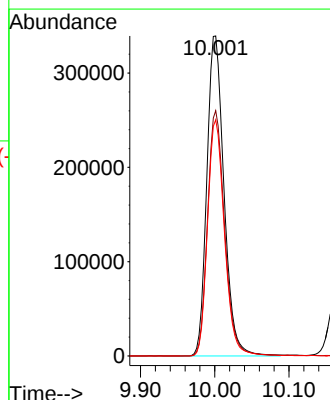
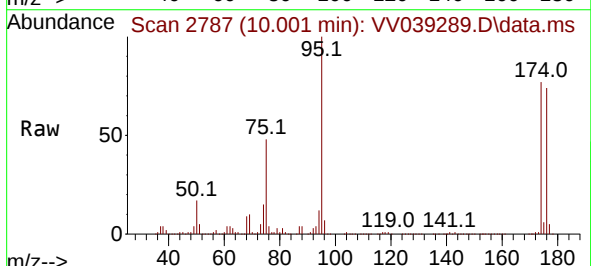
Tgt Ion: 95 Resp: 544233

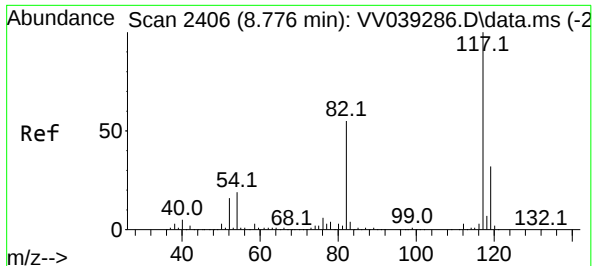
Ion Ratio Lower Upper

95 100

174 76.4 0.0 153.6

176 72.6 0.0 146.0

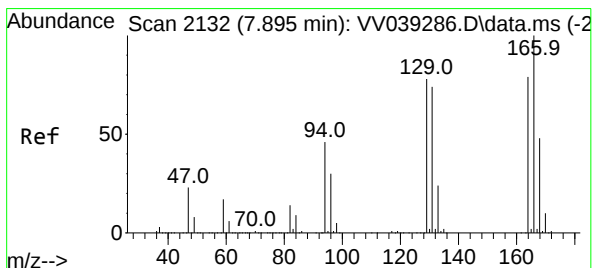
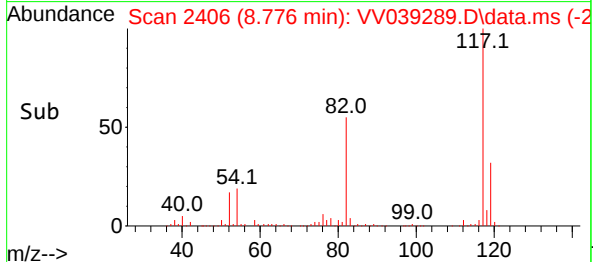
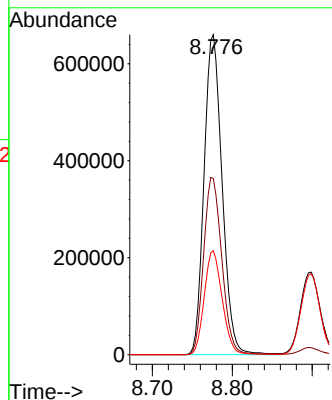
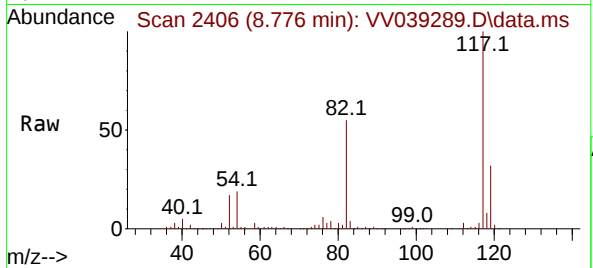




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

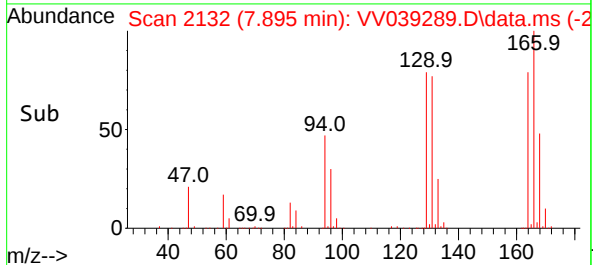
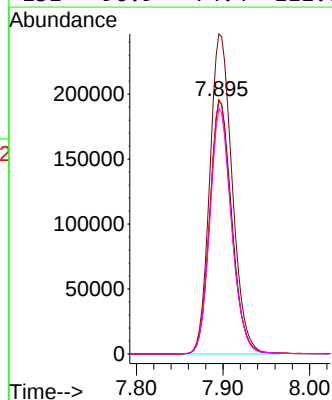
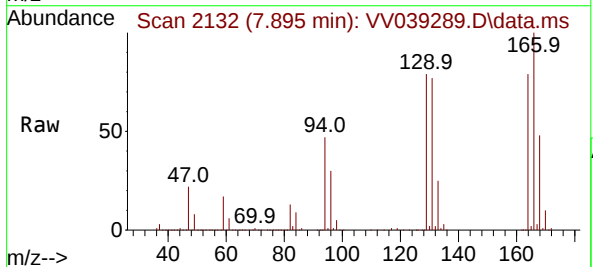
Instrument :
MSVOA_V
ClientSampleId :
ICVVV100725

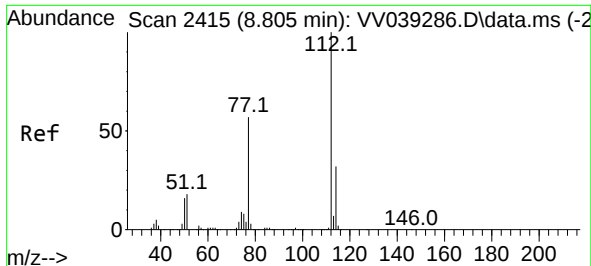
Tgt Ion:117 Resp: 1040306
Ion Ratio Lower Upper
117 100
82 55.0 43.8 65.8
119 32.5 25.8 38.6



#64
Tetrachloroethene
Concen: 45.191 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

Tgt Ion:164 Resp: 342936
Ion Ratio Lower Upper
164 100
166 126.4 101.0 151.6
129 100.4 79.0 118.6
131 96.9 74.4 111.6

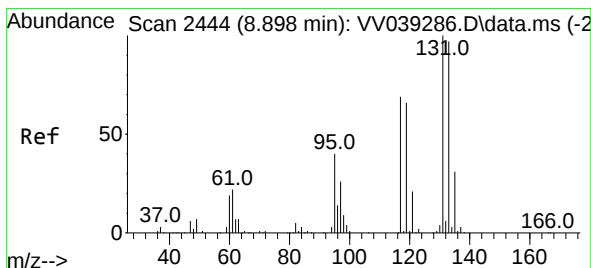
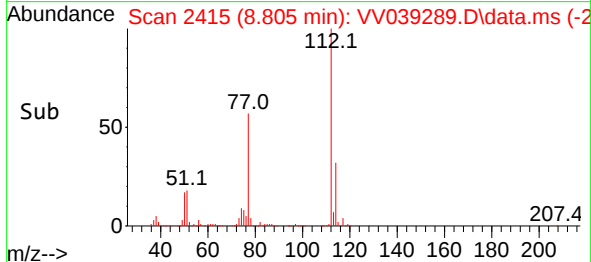
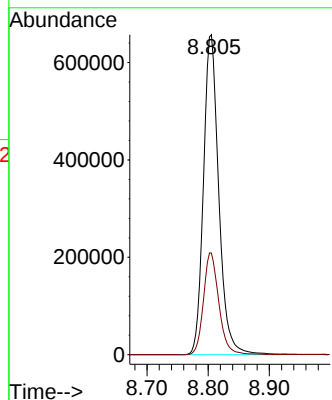
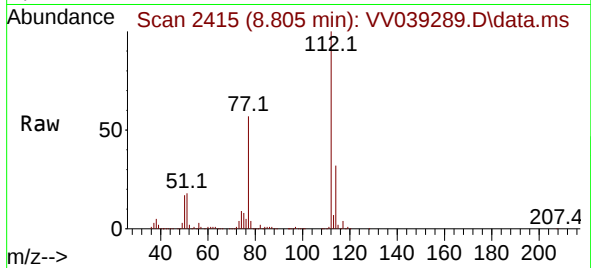




#65
Chlorobenzene
Concen: 46.522 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

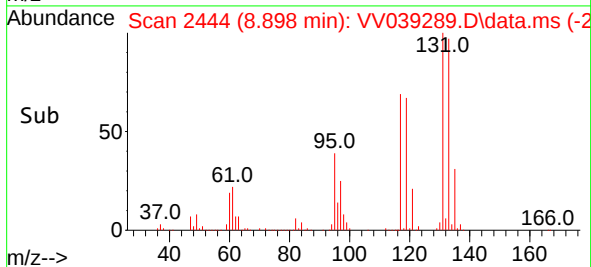
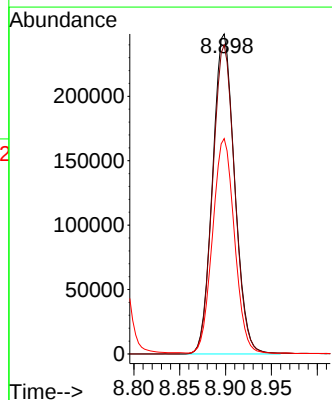
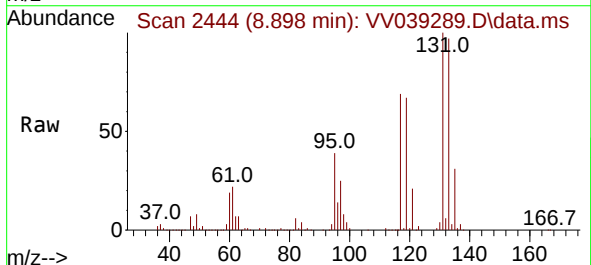
Instrument :
MSVOA_V
ClientSampleId :
ICVVV100725

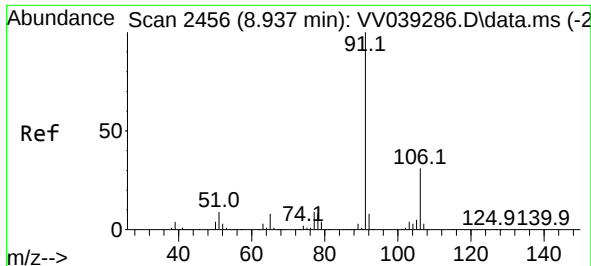
Tgt Ion:112 Resp: 1145718
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 45.078 ug/l
RT: 8.898 min Scan# 2444
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

Tgt Ion:131 Resp: 415835
Ion Ratio Lower Upper
131 100
133 96.8 47.8 143.3
119 66.4 32.7 98.1





#67

Ethyl Benzene

Concen: 51.482 ug/l

RT: 8.937 min Scan# 2456

Delta R.T. -0.000 min

Lab File: VV039289.D

Acq: 07 Oct 2025 12:18

Instrument :

MSVOA_V

ClientSampleId :

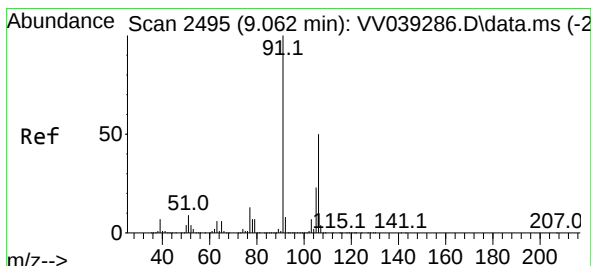
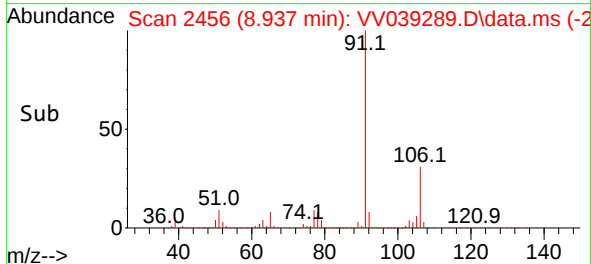
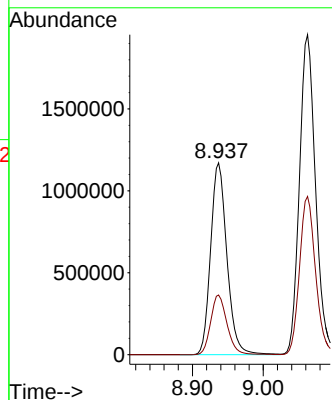
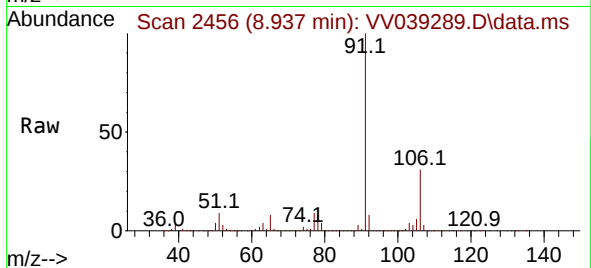
ICVVV100725

Tgt Ion: 91 Resp: 1867580

Ion Ratio Lower Upper

91 100

106 31.1 24.6 37.0



#68

m/p-Xylenes

Concen: 105.928 ug/l

RT: 9.062 min Scan# 2495

Delta R.T. -0.000 min

Lab File: VV039289.D

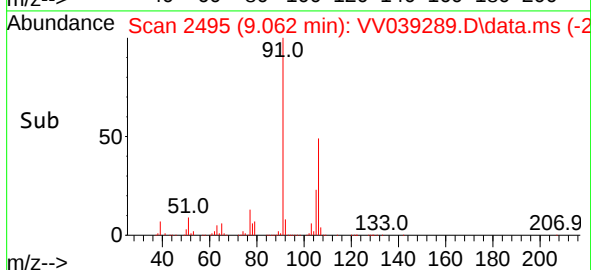
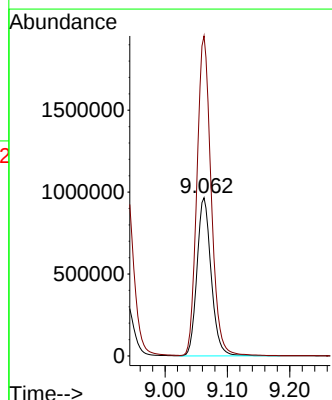
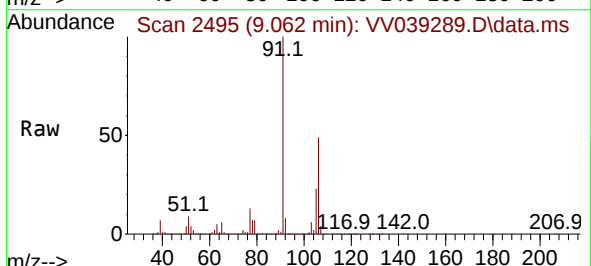
Acq: 07 Oct 2025 12:18

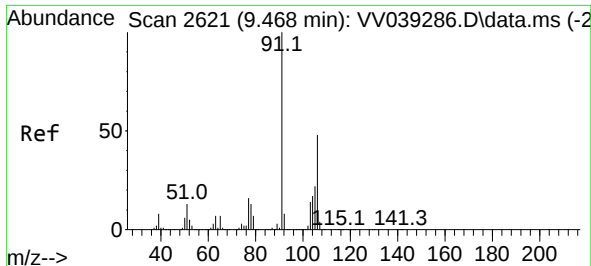
Tgt Ion:106 Resp: 1524093

Ion Ratio Lower Upper

106 100

91 203.1 160.2 240.2

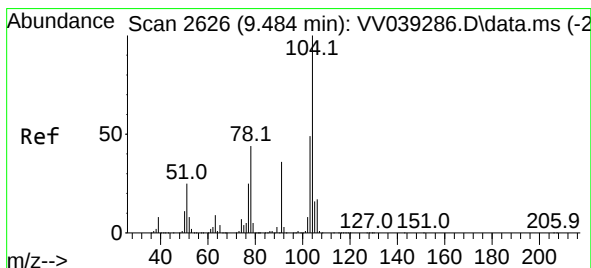
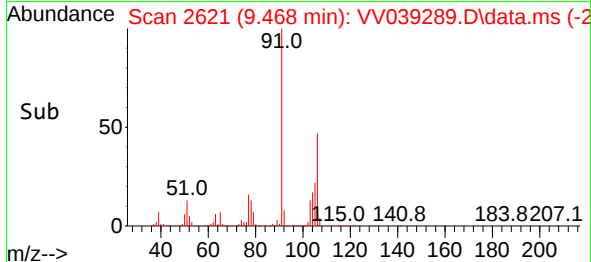
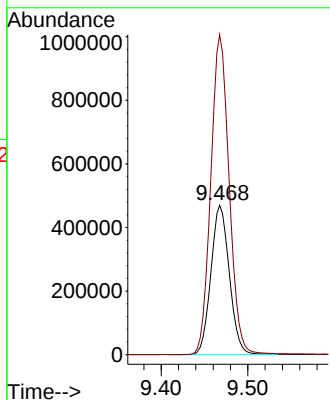
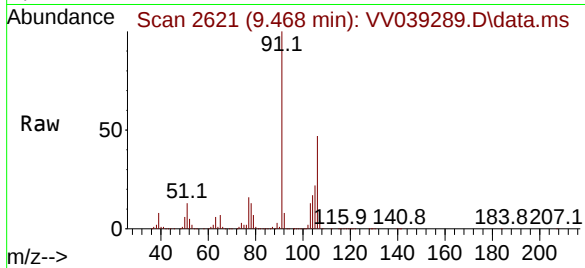




#69
o-Xylene
Concen: 54.666 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

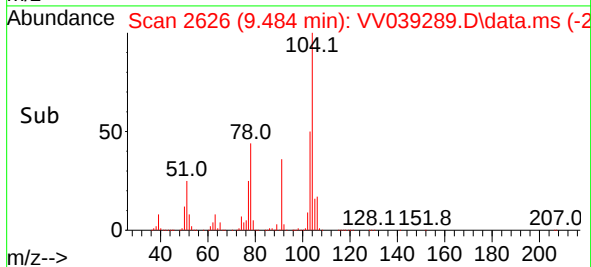
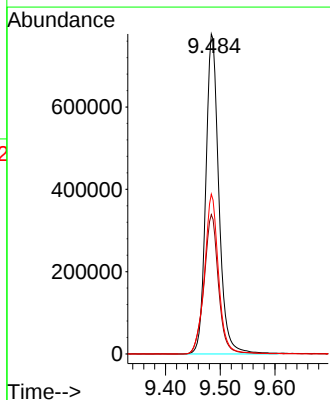
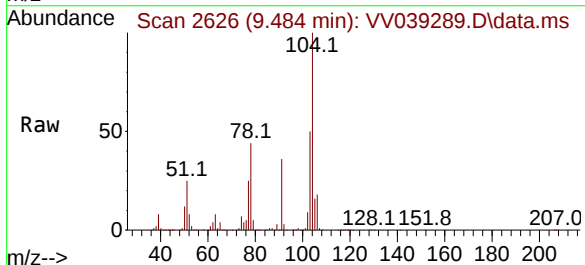
Instrument :
MSVOA_V
ClientSampleId :
ICVVV100725

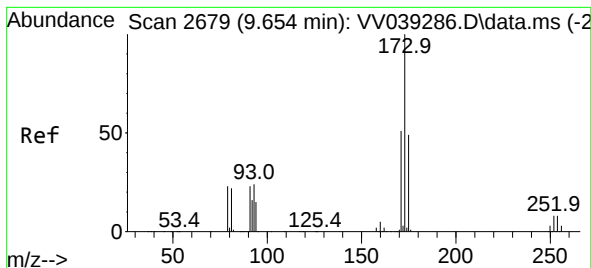
Tgt Ion:106 Resp: 694597
Ion Ratio Lower Upper
106 100
91 214.0 105.8 317.3



#70
Styrene
Concen: 57.079 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

Tgt Ion:104 Resp: 1290477
Ion Ratio Lower Upper
104 100
78 48.0 38.9 58.3
103 53.6 42.9 64.3





#71

Bromoform

Concen: 48.605 ug/l

RT: 9.654 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV039289.D

Acq: 07 Oct 2025 12:18

Instrument :

MSVOA_V

ClientSampleId :

ICVVV100725

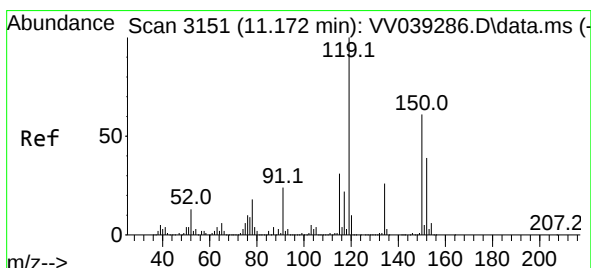
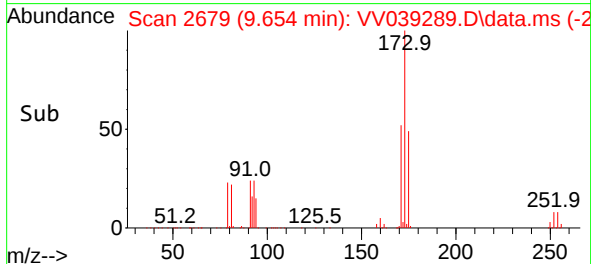
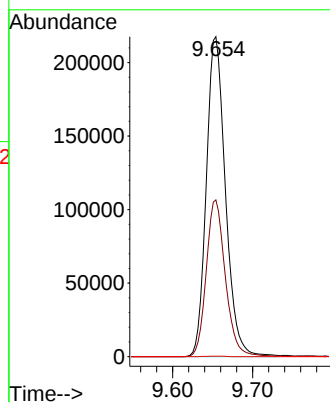
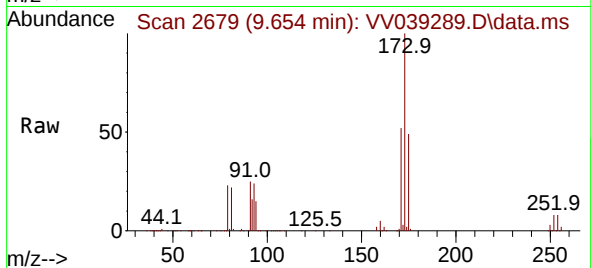
Tgt Ion:173 Resp: 362598

Ion Ratio Lower Upper

173 100

175 48.9 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: VV039289.D

Acq: 07 Oct 2025 12:18

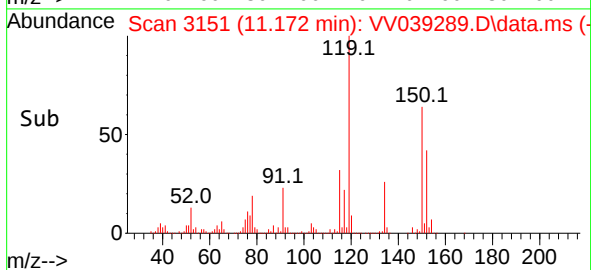
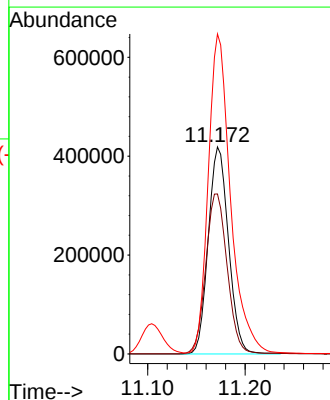
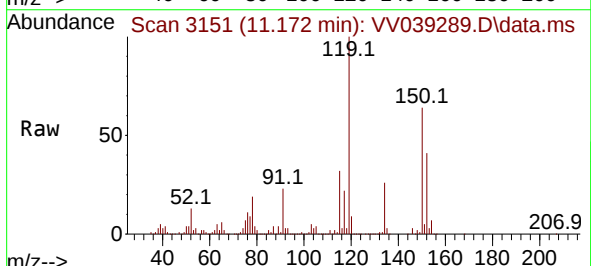
Tgt Ion:152 Resp: 603412

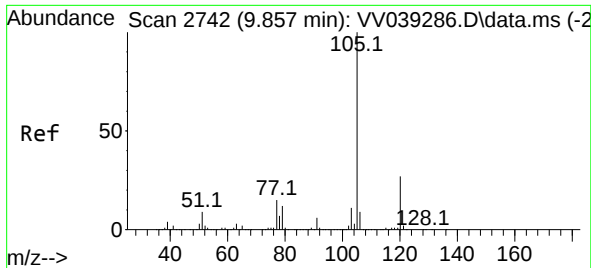
Ion Ratio Lower Upper

152 100

115 81.8 42.3 126.8

150 170.3 0.0 348.0

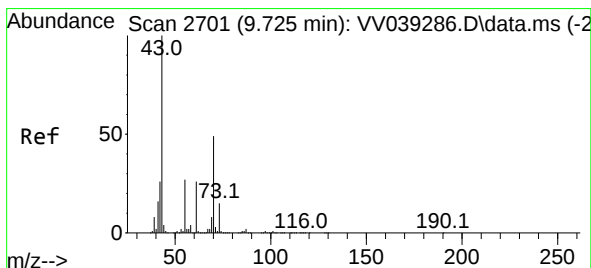
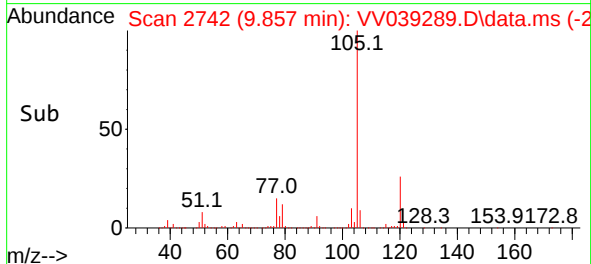
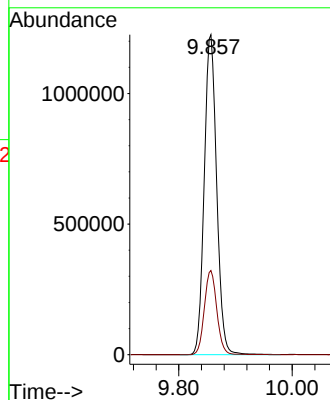
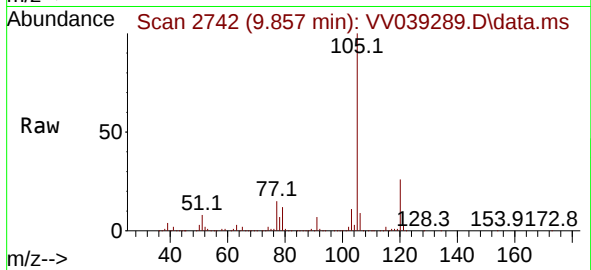




#73
Isopropylbenzene
Concen: 50.809 ug/l
RT: 9.857 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

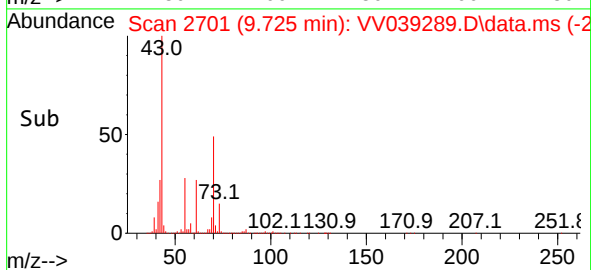
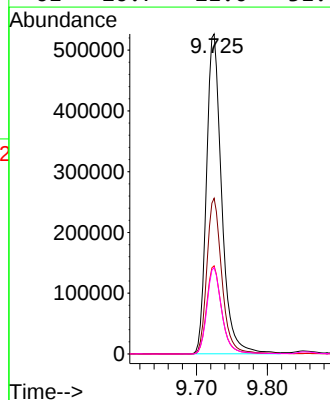
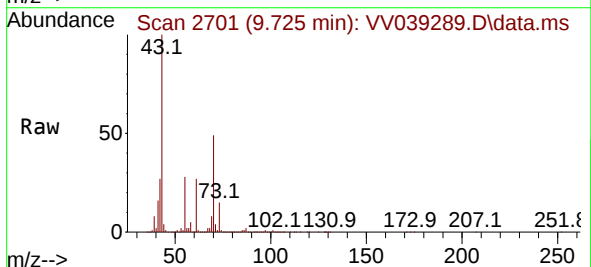
Instrument :
MSVOA_V
ClientSampleId :
ICVVV100725

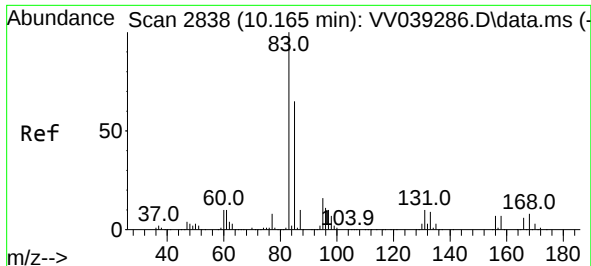
Tgt Ion:105 Resp: 1861757
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.5



#74
N-ethyl acetate
Concen: 51.855 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

Tgt Ion: 43 Resp: 782933
Ion Ratio Lower Upper
43 100
70 48.2 38.6 58.0
55 27.3 21.9 32.9
61 26.7 21.0 31.4

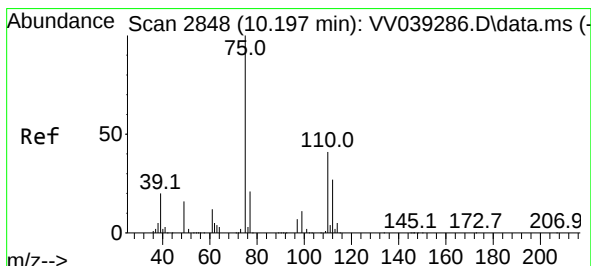
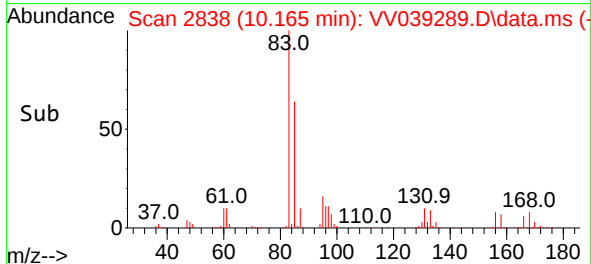
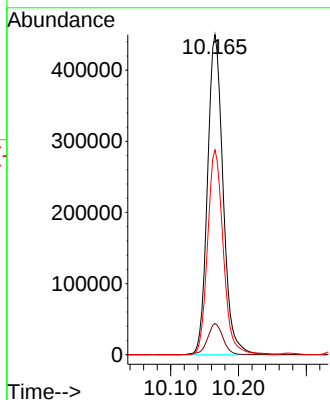
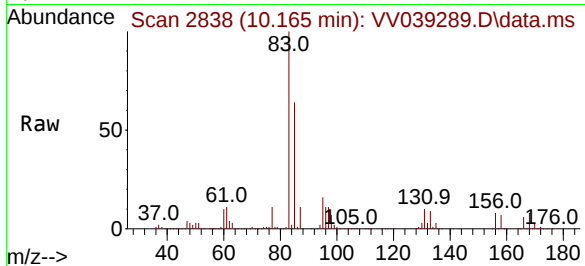




#75
 1,1,2,2-Tetrachloroethane
 Concen: 42.658 ug/l
 RT: 10.165 min Scan# 2838
 Delta R.T. -0.000 min
 Lab File: VV039289.D
 Acq: 07 Oct 2025 12:18

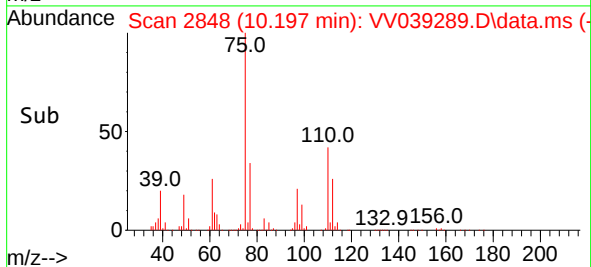
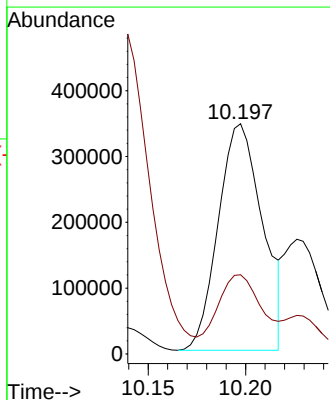
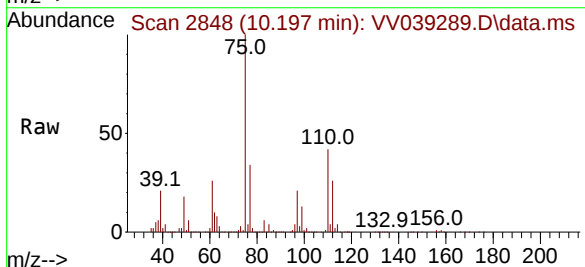
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVVV100725

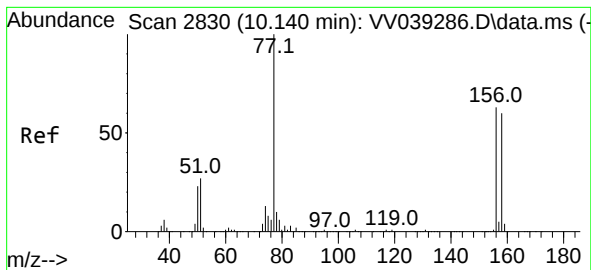
Tgt Ion: 83 Resp: 717810
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.0 15.0
 85 64.3 32.4 97.2



#76
 1,2,3-Trichloropropane
 Concen: 45.277 ug/l
 RT: 10.197 min Scan# 2848
 Delta R.T. -0.000 min
 Lab File: VV039289.D
 Acq: 07 Oct 2025 12:18

Tgt Ion: 75 Resp: 545285
 Ion Ratio Lower Upper
 75 100
 77 24.1 12.2 36.4





#77

Bromobenzene

Concen: 47.667 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. -0.000 min

Lab File: VV039289.D

Acq: 07 Oct 2025 12:18

Instrument :

MSVOA_V

ClientSampleId :

ICVVV100725

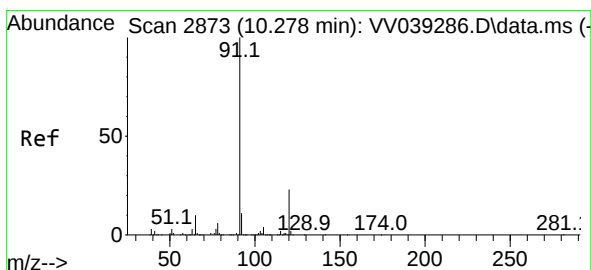
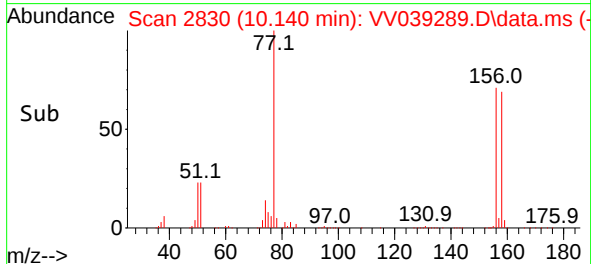
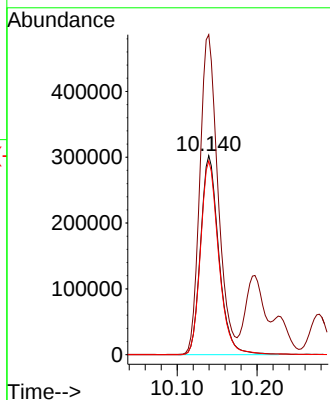
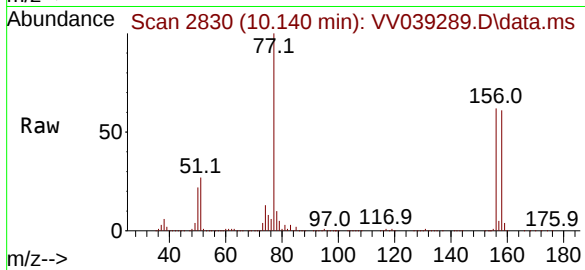
Tgt Ion:156 Resp: 480152

Ion Ratio Lower Upper

156 100

77 159.2 78.4 235.2

158 96.9 47.7 143.1



#78

n-propylbenzene

Concen: 50.814 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. -0.000 min

Lab File: VV039289.D

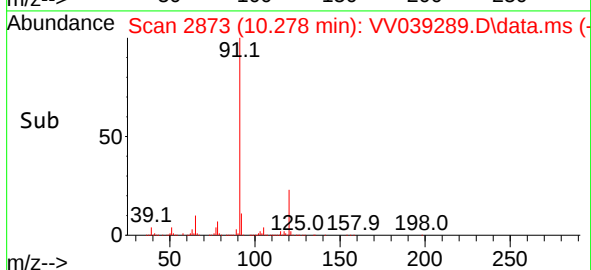
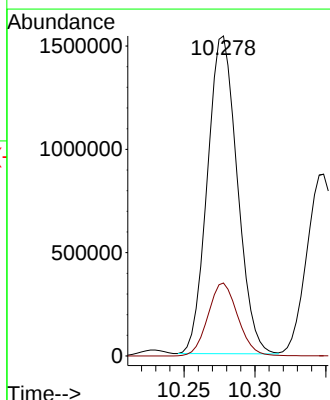
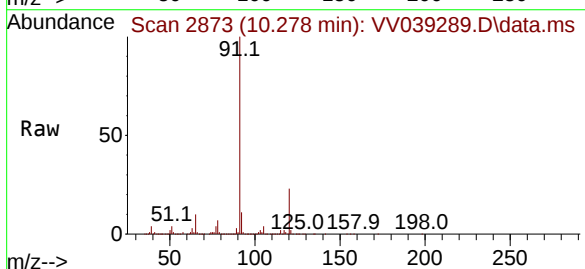
Acq: 07 Oct 2025 12:18

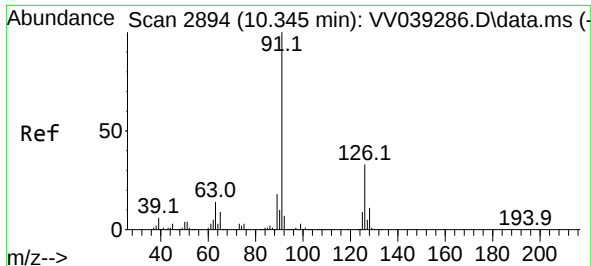
Tgt Ion: 91 Resp: 2259240

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.5

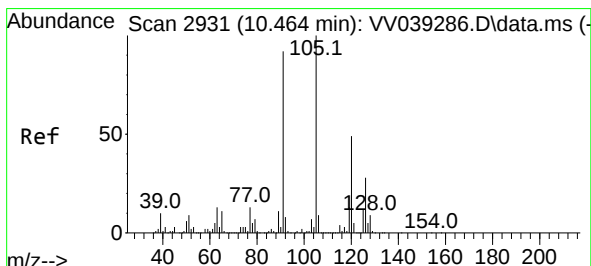
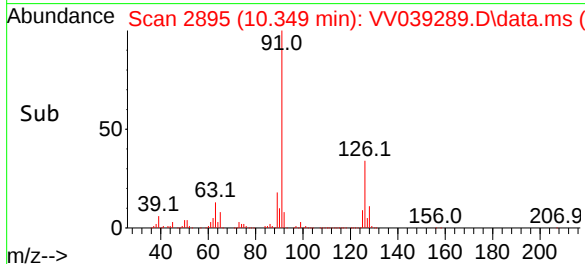
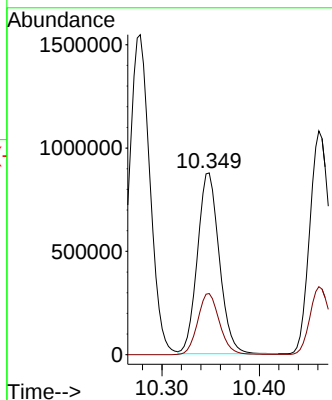
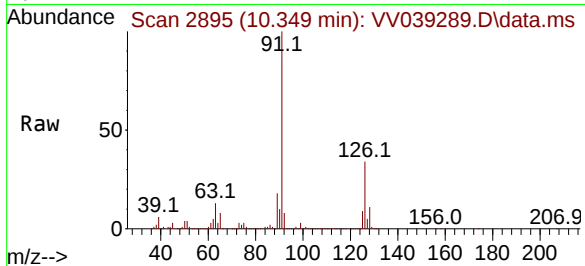




#79
2-Chlorotoluene
Concen: 49.689 ug/l
RT: 10.349 min Scan# 2894
Delta R.T. 0.003 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

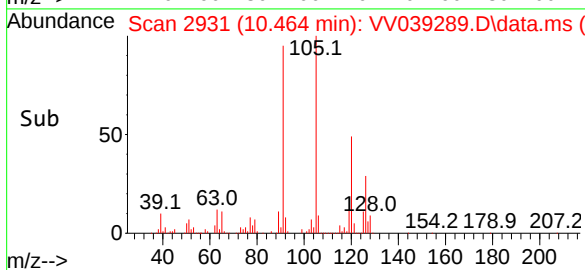
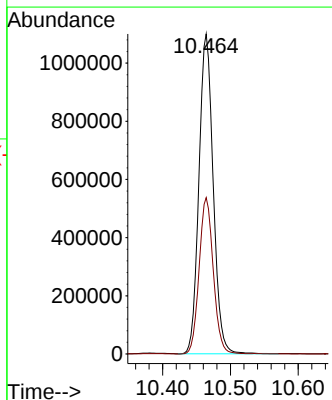
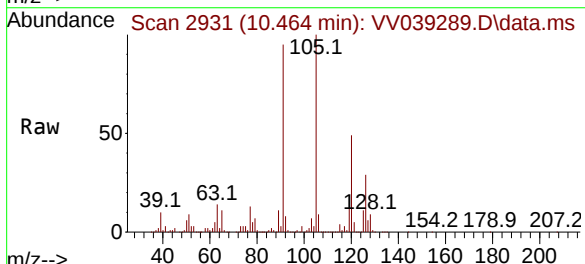
Instrument :
MSVOA_V
ClientSampleId :
ICVVV100725

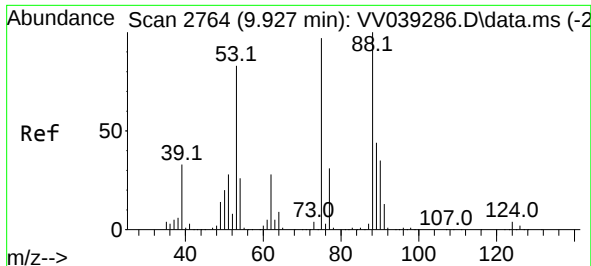
Tgt Ion: 91 Resp: 1363973
Ion Ratio Lower Upper
91 100
126 33.7 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 52.291 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

Tgt Ion:105 Resp: 1606972
Ion Ratio Lower Upper
105 100
120 48.4 24.3 73.0

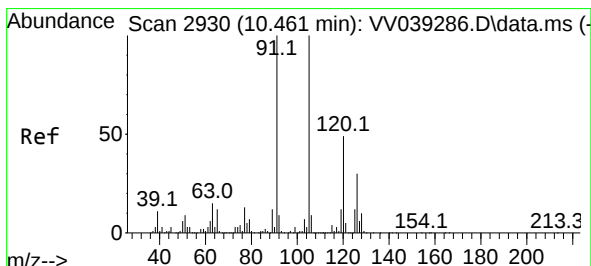
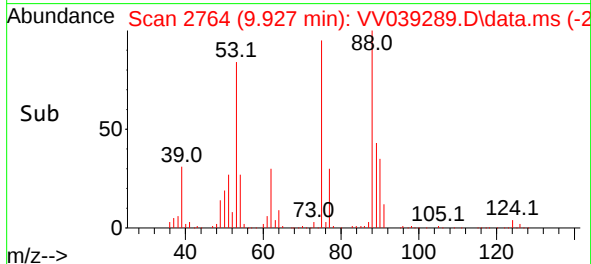
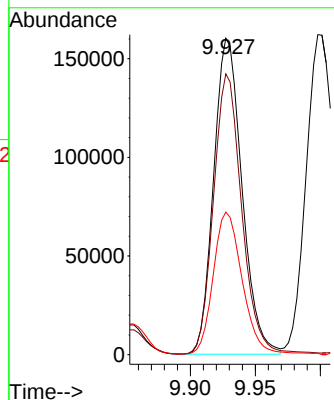
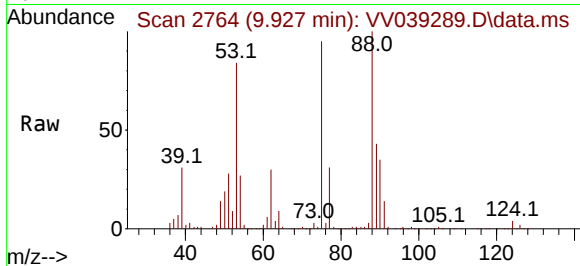




#81
trans-1,4-Dichloro-2-butene
Concen: 50.910 ug/l
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

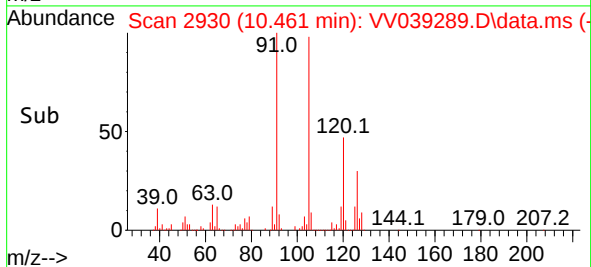
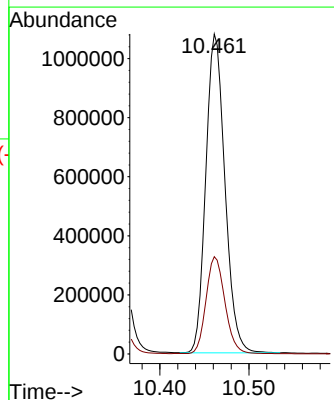
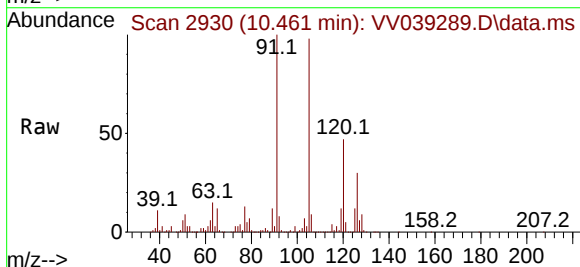
Instrument :
MSVOA_V
ClientSampleId :
ICVVV100725

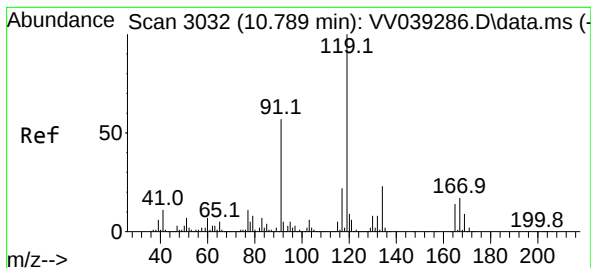
Tgt Ion: 75 Resp: 242777
Ion Ratio Lower Upper
75 100
53 88.1 69.9 104.9
89 46.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 50.899 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

Tgt Ion: 91 Resp: 1605935
Ion Ratio Lower Upper
91 100
126 30.2 14.8 44.4





#83

tert-Butylbenzene

Concen: 50.486 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV039289.D

Acq: 07 Oct 2025 12:18

Instrument :

MSVOA_V

ClientSampleId :

ICVVV100725

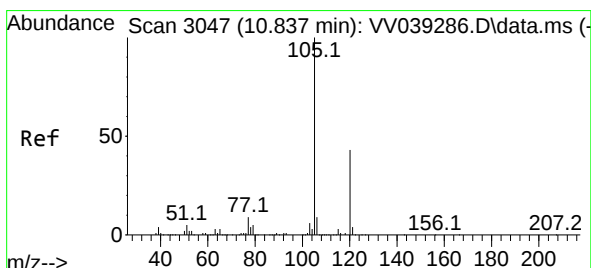
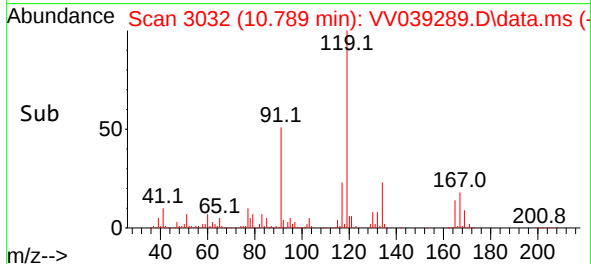
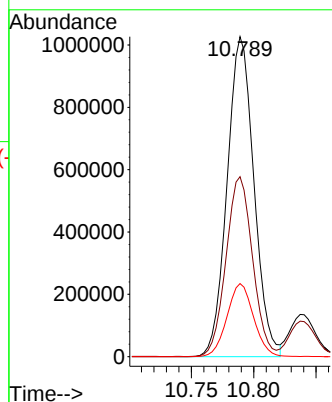
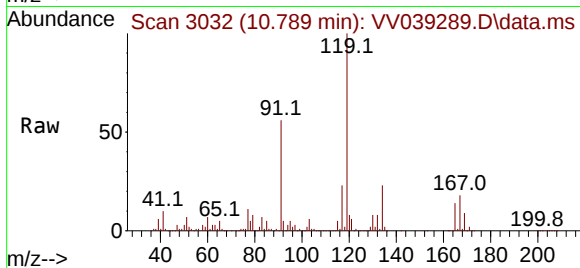
Tgt Ion:119 Resp: 1540578

Ion Ratio Lower Upper

119 100

91 55.6 28.2 84.7

134 22.6 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 53.340 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. -0.000 min

Lab File: VV039289.D

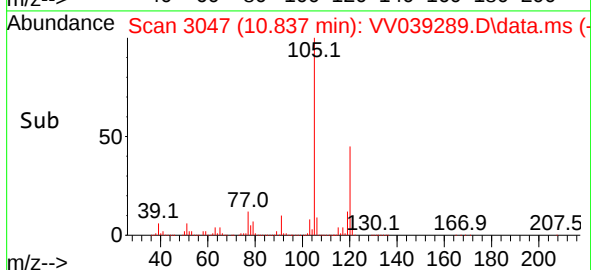
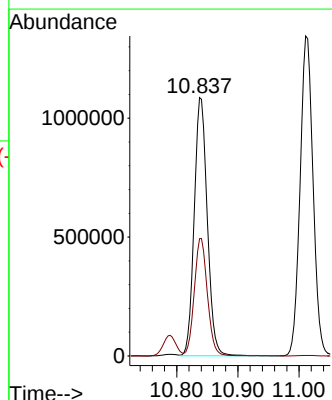
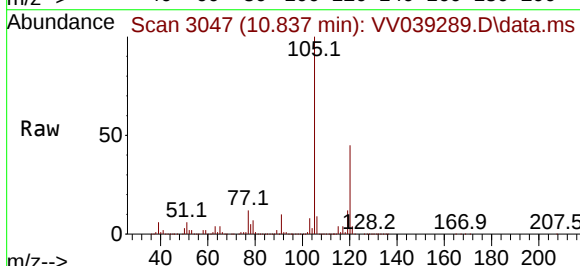
Acq: 07 Oct 2025 12:18

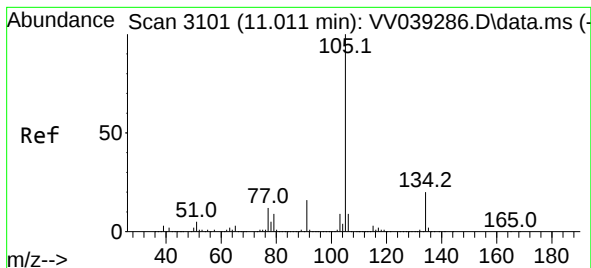
Tgt Ion:105 Resp: 1613704

Ion Ratio Lower Upper

105 100

120 45.4 22.8 68.4





#85

sec-Butylbenzene

Concen: 51.343 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. -0.000 min

Lab File: VV039289.D

Acq: 07 Oct 2025 12:18

Instrument :

MSVOA_V

ClientSampleId :

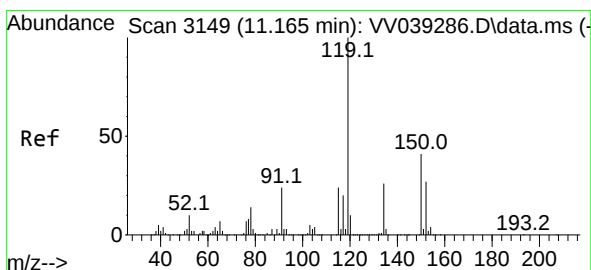
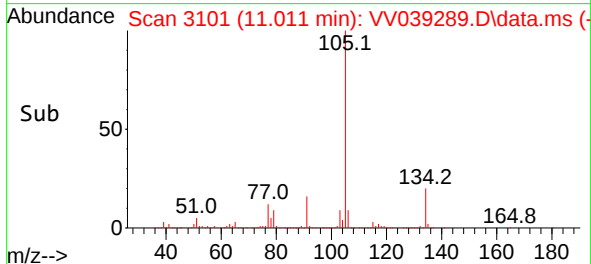
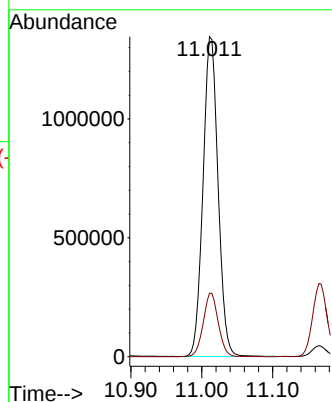
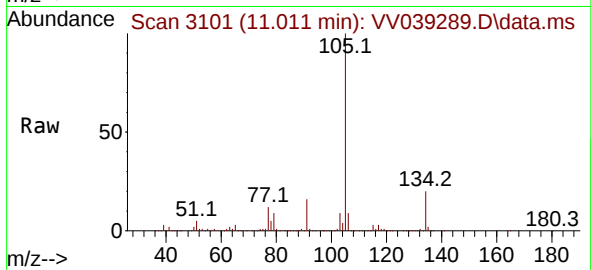
ICVVV100725

Tgt Ion:105 Resp: 1980923

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.5



#86

p-Isopropyltoluene

Concen: 51.129 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VV039289.D

Acq: 07 Oct 2025 12:18

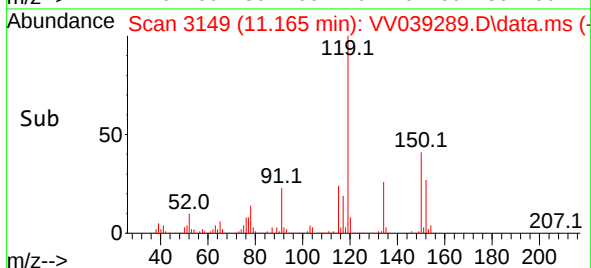
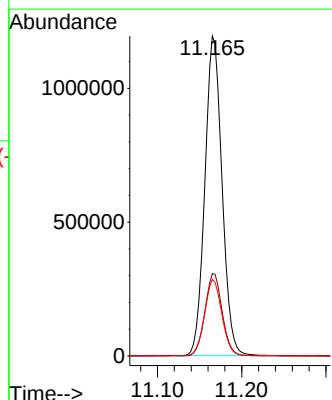
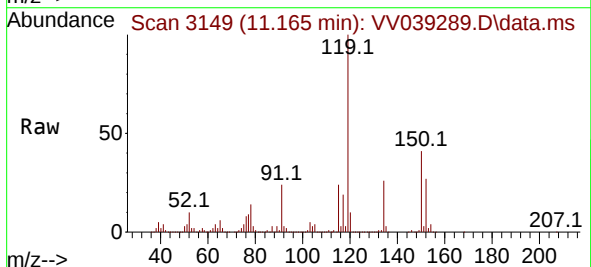
Tgt Ion:119 Resp: 1696099

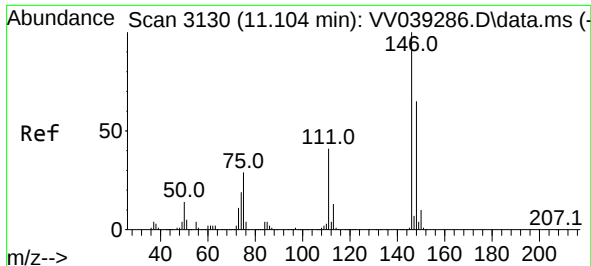
Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.6

91 24.0 12.2 36.4

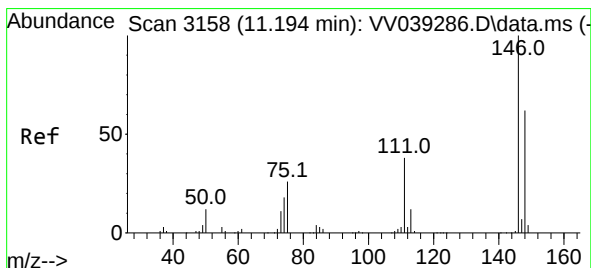
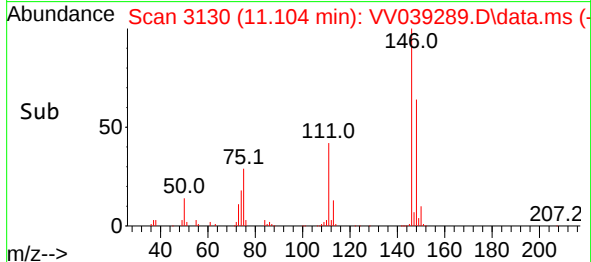
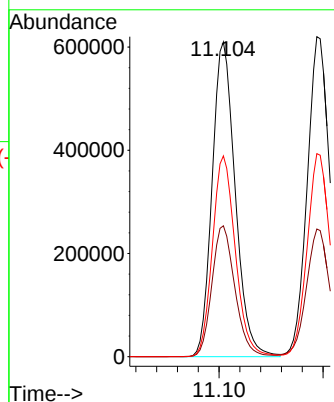
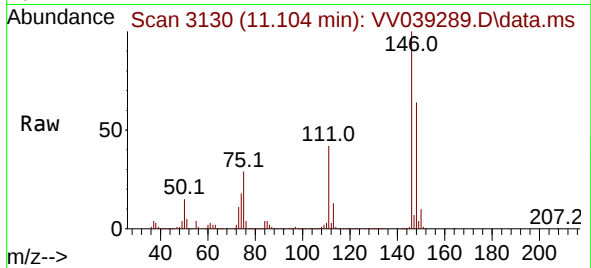




#87
 1,3-Dichlorobenzene
 Concen: 46.805 ug/l
 RT: 11.104 min Scan# 3130
 Delta R.T. -0.000 min
 Lab File: VV039289.D
 Acq: 07 Oct 2025 12:18

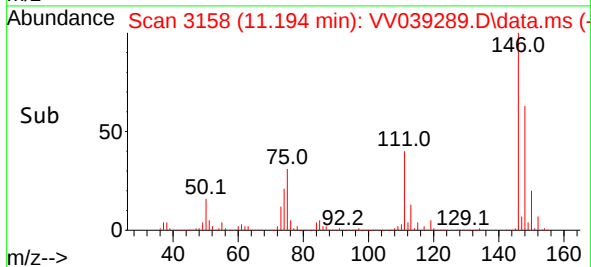
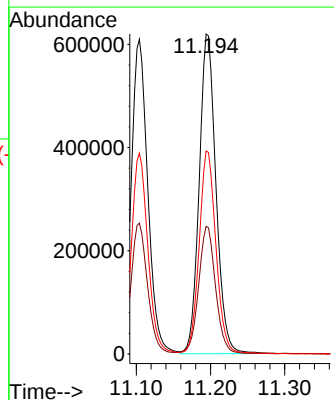
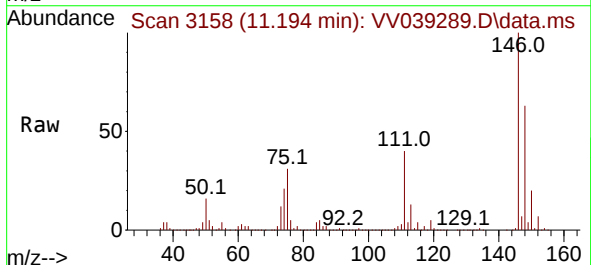
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVVV100725

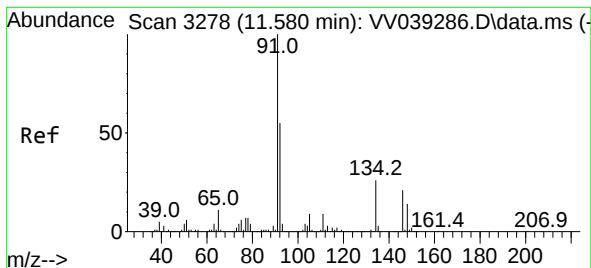
Tgt Ion:146 Resp: 940381
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.6 61.8
 148 63.5 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 43.297 ug/l
 RT: 11.194 min Scan# 3158
 Delta R.T. -0.000 min
 Lab File: VV039289.D
 Acq: 07 Oct 2025 12:18

Tgt Ion:146 Resp: 973562
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.7 59.0
 148 63.5 31.5 94.5





#89

n-Butylbenzene

Concen: 51.246 ug/l

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV039289.D

Acq: 07 Oct 2025 12:18

Instrument :

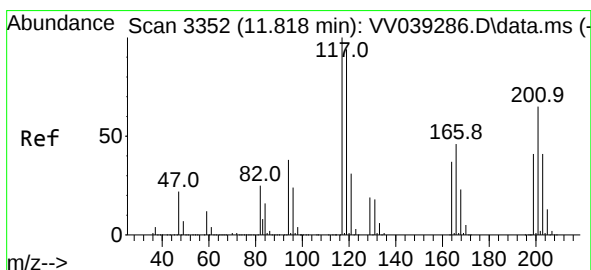
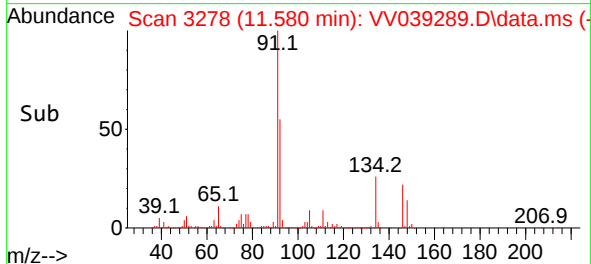
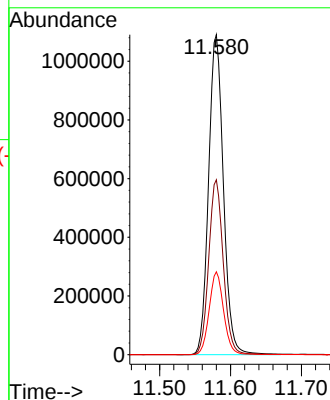
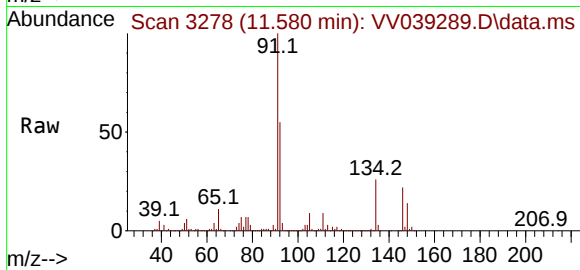
MSVOA_V

ClientSampleId :

ICVVV100725

Tgt Ion: 91 Resp: 1583094

Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.9	80.6
134	25.3	12.6	37.8



#90

Hexachloroethane

Concen: 41.723 ug/l

RT: 11.818 min Scan# 3352

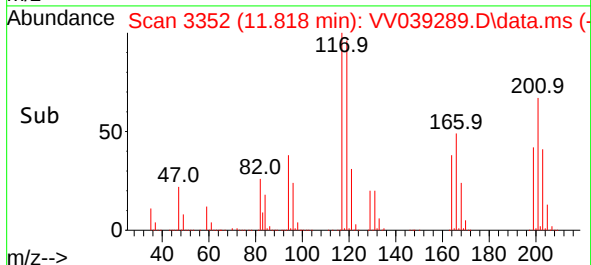
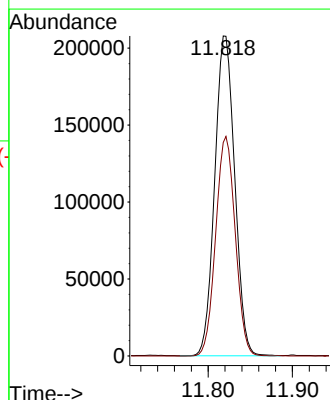
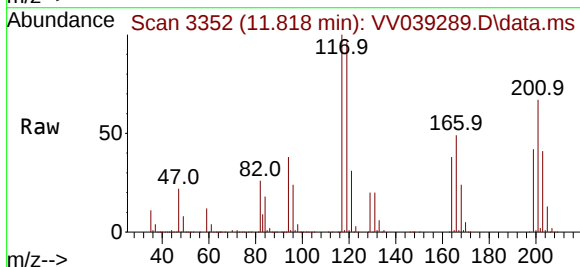
Delta R.T. -0.000 min

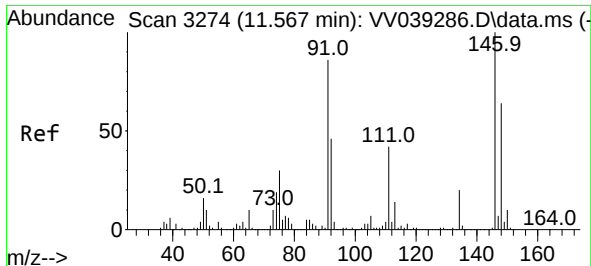
Lab File: VV039289.D

Acq: 07 Oct 2025 12:18

Tgt Ion: 117 Resp: 342236

Ion	Ratio	Lower	Upper
117	100		
201	67.1	33.7	101.1

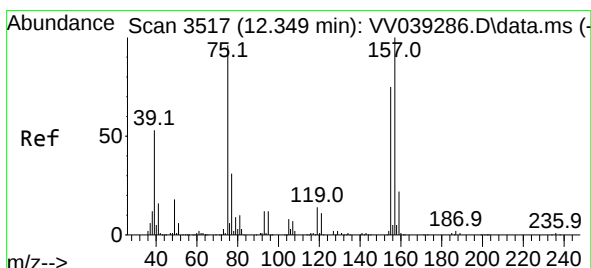
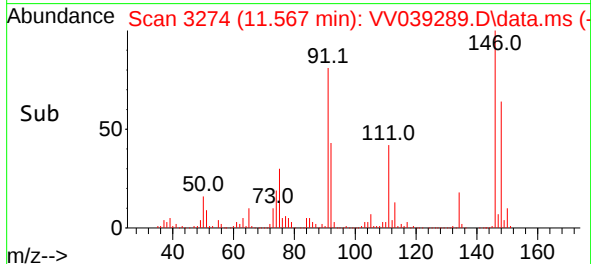
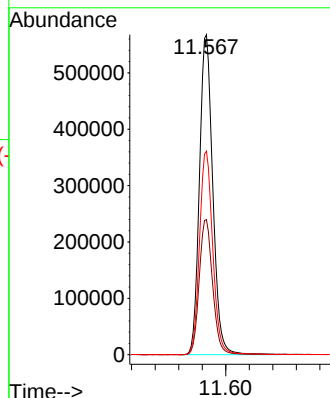
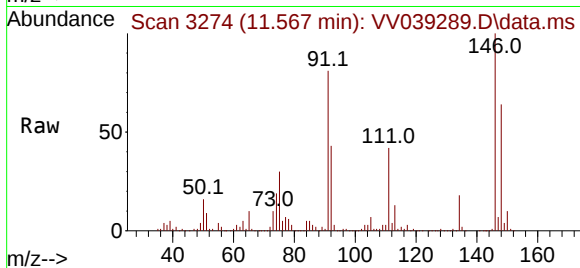




#91
1,2-Dichlorobenzene
Concen: 46.575 ug/l
RT: 11.567 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

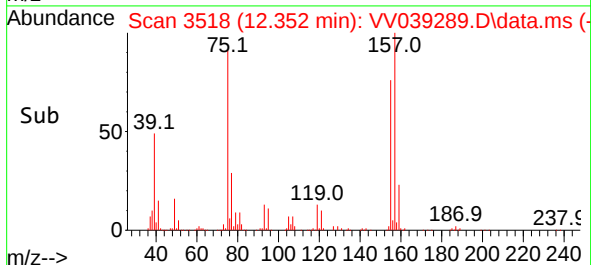
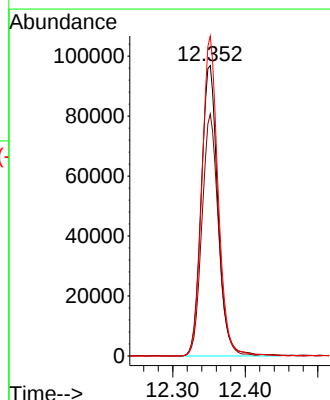
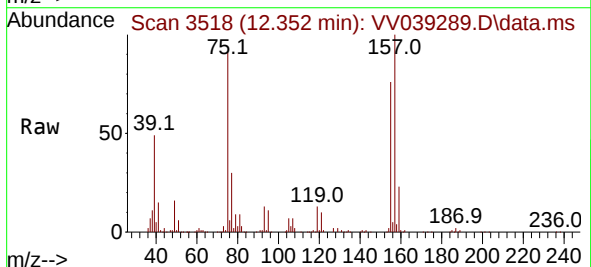
Instrument :
MSVOA_V
ClientSampleId :
ICVVV100725

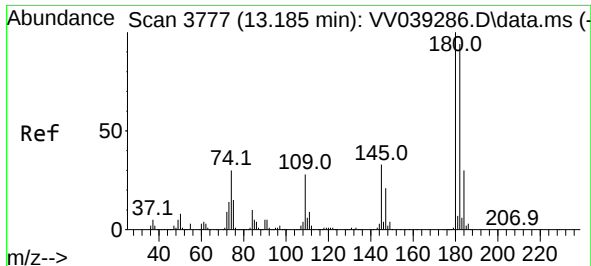
Tgt Ion:146 Resp: 890154
Ion Ratio Lower Upper
146 100
111 42.5 21.3 64.0
148 63.5 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.961 ug/l
RT: 12.352 min Scan# 3518
Delta R.T. 0.003 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

Tgt Ion: 75 Resp: 155566
Ion Ratio Lower Upper
75 100
155 82.1 40.8 122.5
157 106.6 53.3 160.0

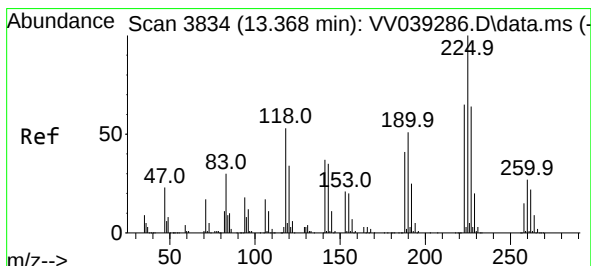
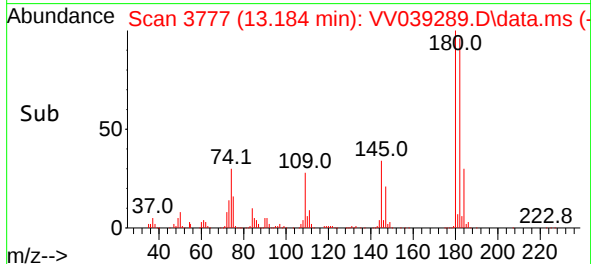
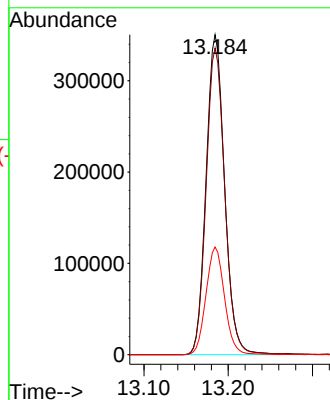
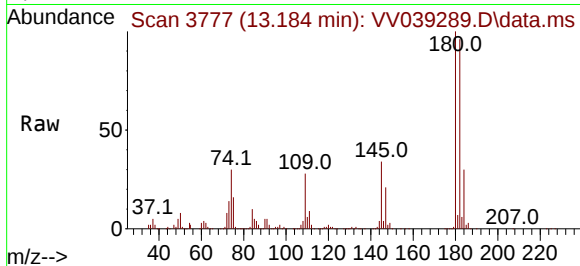




#93
1,2,4-Trichlorobenzene
Concen: 50.299 ug/l
RT: 13.184 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

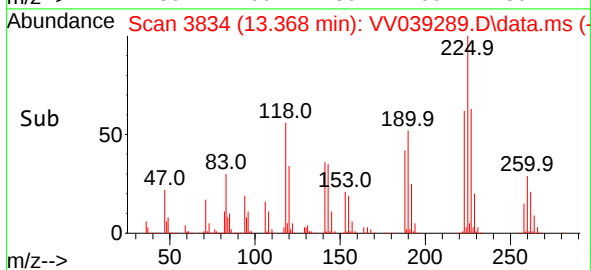
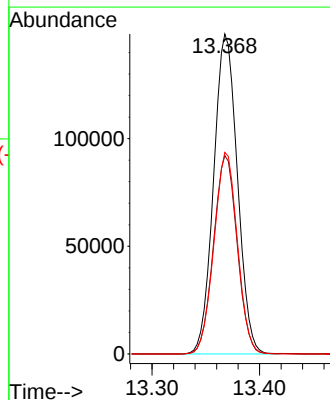
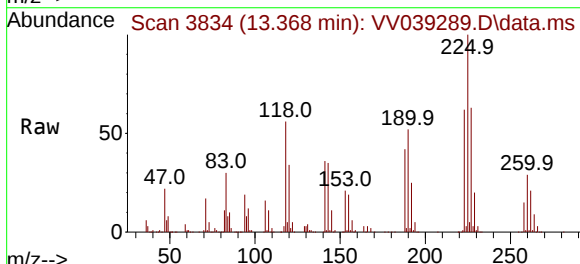
Instrument :
MSVOA_V
ClientSampleId :
ICVVV100725

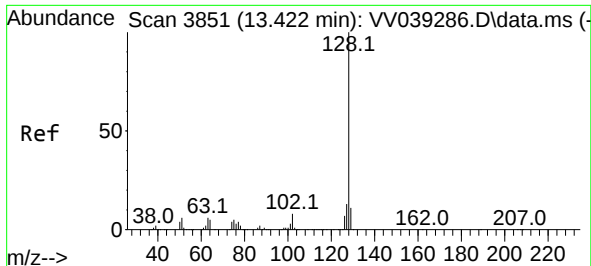
Tgt Ion:180 Resp: 536155
Ion Ratio Lower Upper
180 100
182 96.3 47.3 141.9
145 33.8 16.3 48.9



#94
Hexachlorobutadiene
Concen: 42.341 ug/l
RT: 13.368 min Scan# 3834
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

Tgt Ion:225 Resp: 228537
Ion Ratio Lower Upper
225 100
223 61.6 31.3 93.8
227 62.1 31.7 95.1

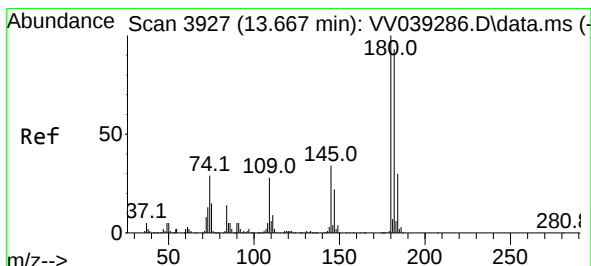
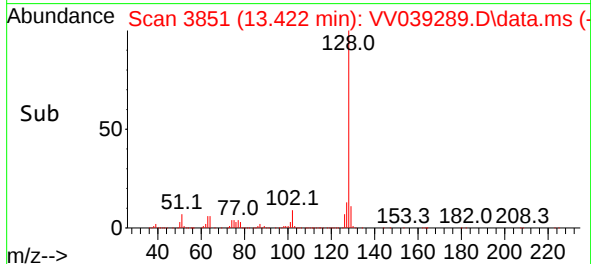
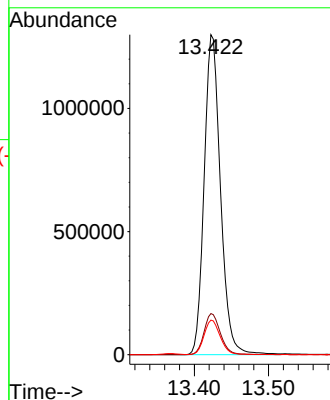
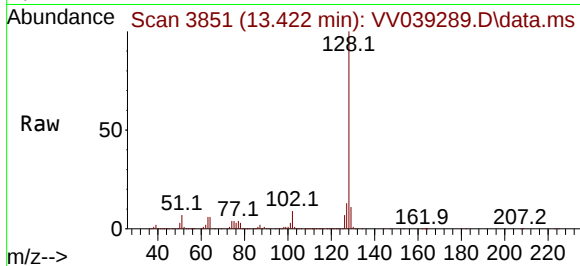




#95
Naphthalene
Concen: 56.741 ug/l
RT: 13.422 min Scan# 3851
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

Instrument :
MSVOA_V
ClientSampleId :
ICVVV100725

Tgt Ion:128 Resp: 1981591
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 50.871 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. -0.000 min
Lab File: VV039289.D
Acq: 07 Oct 2025 12:18

Tgt Ion:180 Resp: 563584
Ion Ratio Lower Upper
180 100
182 94.8 46.7 140.1
145 34.9 17.2 51.5

