

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100725\
 Data File : VV039286.D
 Acq On : 07 Oct 2025 11:10
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

Quant Time: Oct 08 04:42:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 04:38:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	740677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1137525	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	1093562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	625297	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	488198	46.386	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	92.780%
35) Dibromofluoromethane	4.500	113	428600	47.819	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	95.640%
50) Toluene-d8	7.236	98	1539340	50.485	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	100.960%
62) 4-Bromofluorobenzene	9.998	95	566407	52.159	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	104.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	443023	47.323	ug/l	100
3) Chloromethane	1.230	50	435874	44.721	ug/l	100
4) Vinyl Chloride	1.298	62	493417	44.374	ug/l	100
5) Bromomethane	1.494	94	312191	43.273	ug/l	100
6) Chloroethane	1.558	64	310524	50.611	ug/l	100
7) Trichlorofluoromethane	1.725	101	734860	43.261	ug/l	100
8) Diethyl Ether	1.918	74	267132	43.517	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.082	101	442207	43.475	ug/l	100
10) Methyl Iodide	2.198	142	471195	53.768	ug/l	100
11) Tert butyl alcohol	2.571	59	442966	217.179	ug/l	100
12) 1,1-Dichloroethene	2.082	96	421677	42.222	ug/l	100
13) Acrolein	2.008	56	278306	235.571	ug/l	100
14) Allyl chloride	2.359	41	689035	43.522	ug/l	100
15) Acrylonitrile	2.674	53	1273054	210.469	ug/l	100
16) Acetone	2.117	43	1256942	257.316	ug/l	100
17) Carbon Disulfide	2.252	76	1176778	41.716	ug/l	100
18) Methyl Acetate	2.378	43	613033	44.951	ug/l	100
19) Methyl tert-butyl Ether	2.712	73	1332092	44.314	ug/l	100
20) Methylene Chloride	2.455	84	464083	49.670	ug/l	100
21) trans-1,2-Dichloroethene	2.699	96	438618	41.712	ug/l	100
22) Diisopropyl ether	3.217	45	1318892	46.400	ug/l	100
23) Vinyl Acetate	3.188	43	5764450	231.003	ug/l	100
24) 1,1-Dichloroethane	3.117	63	808699	42.467	ug/l	100
25) 2-Butanone	3.867	43	1580057	246.195	ug/l	100
26) 2,2-Dichloropropane	3.812	77	677781	44.190	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	486141	46.173	ug/l	100
28) Bromochloromethane	4.146	49	363013	43.620	ug/l	100
29) Tetrahydrofuran	4.236	42	995120	241.876	ug/l	100
30) Chloroform	4.278	83	829923	42.736	ug/l	100
31) Cyclohexane	4.584	56	645772	46.558	ug/l	100
32) 1,1,1-Trichloroethane	4.513	97	741951	43.698	ug/l	100
36) 1,1-Dichloropropene	4.744	75	539826	47.953	ug/l	100
37) Ethyl Acetate	3.976	43	593418	45.175	ug/l	100
38) Carbon Tetrachloride	4.735	117	632245	44.309	ug/l	100
39) Methylcyclohexane	6.047	83	669190	52.013	ug/l	100
40) Benzene	5.008	78	1732886	47.972	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.162	41	273424	48.559	ug/l	100
42) 1,2-Dichloroethane	5.040	62	570110	44.969	ug/l	100
43) Isopropyl Acetate	5.194	43	876691	48.837	ug/l	100
44) Trichloroethene	5.831	130	428718	47.195	ug/l	100
45) 1,2-Dichloropropane	6.088	63	432860	49.244	ug/l	100
46) Dibromomethane	6.223	93	331656	45.141	ug/l	100
47) Bromodichloromethane	6.426	83	662775	45.783	ug/l	100
48) Methyl methacrylate	6.297	41	415059	51.925	ug/l	100
49) 1,4-Dioxane	6.291	88	132823	998.879	ug/l	100
51) 4-Methyl-2-Pentanone	7.149	43	3092633	258.354	ug/l	100
52) Toluene	7.307	92	1104357	50.633	ug/l	100
53) t-1,3-Dichloropropene	7.574	75	638831	50.493	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	707649	50.309	ug/l	100
55) 1,1,2-Trichloroethane	7.760	97	454676	46.167	ug/l	100
56) Ethyl methacrylate	7.715	69	628899	57.196	ug/l	100
57) 1,3-Dichloropropane	7.934	76	723830	48.704	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	1696282	251.146	ug/l	100
59) 2-Hexanone	8.063	43	2355430	268.024	ug/l	100
60) Dibromochloromethane	8.169	129	533708	46.348	ug/l	100
61) 1,2-Dibromoethane	8.271	107	485299	47.323	ug/l	100
64) Tetrachloroethene	7.895	164	375765	47.105	ug/l	100
65) Chlorobenzene	8.805	112	1220837	47.158	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.898	131	445040	45.895	ug/l	100
67) Ethyl Benzene	8.937	91	2040911	53.520	ug/l	100
68) m/p-Xylenes	9.062	106	1670888	110.475	ug/l	100
69) o-Xylene	9.468	106	745603	55.823	ug/l	100
70) Styrene	9.484	104	1375448	57.875	ug/l	100
71) Bromoform	9.654	173	371541	47.379	ug/l #	100
73) Isopropylbenzene	9.857	105	2026988	53.383	ug/l	100
74) N-amyl acetate	9.725	43	800323	50.776	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.165	83	737774	42.309	ug/l	100
76) 1,2,3-Trichloropropane	10.197	75	557918	44.704	ug/l	100
77) Bromobenzene	10.140	156	511049	48.959	ug/l	100
78) n-propylbenzene	10.278	91	2457311	53.335	ug/l	100
79) 2-Chlorotoluene	10.345	91	1475472	51.870	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1751408	54.996	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	251705	50.935	ug/l	100
82) 4-Chlorotoluene	10.461	91	1748616	53.481	ug/l	100
83) tert-Butylbenzene	10.789	119	1659866	52.491	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	1742653	55.586	ug/l	100
85) sec-Butylbenzene	11.011	105	2167600	54.215	ug/l	100
86) p-Isopropyltoluene	11.165	119	1855256	53.970	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	1008275	48.428	ug/l	100
88) 1,4-Dichlorobenzene	11.194	146	1058637	45.109	ug/l	100
89) n-Butylbenzene	11.580	91	1740657	54.374	ug/l	100
90) Hexachloroethane	11.818	117	371889	43.751	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	947801	47.855	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.349	75	156001	43.509	ug/l	100
93) 1,2,4-Trichlorobenzene	13.185	180	579179	52.434	ug/l	100
94) Hexachlorobutadiene	13.368	225	251863	45.029	ug/l	100
95) Naphthalene	13.422	128	2054704	56.776	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	597768	52.069	ug/l	100

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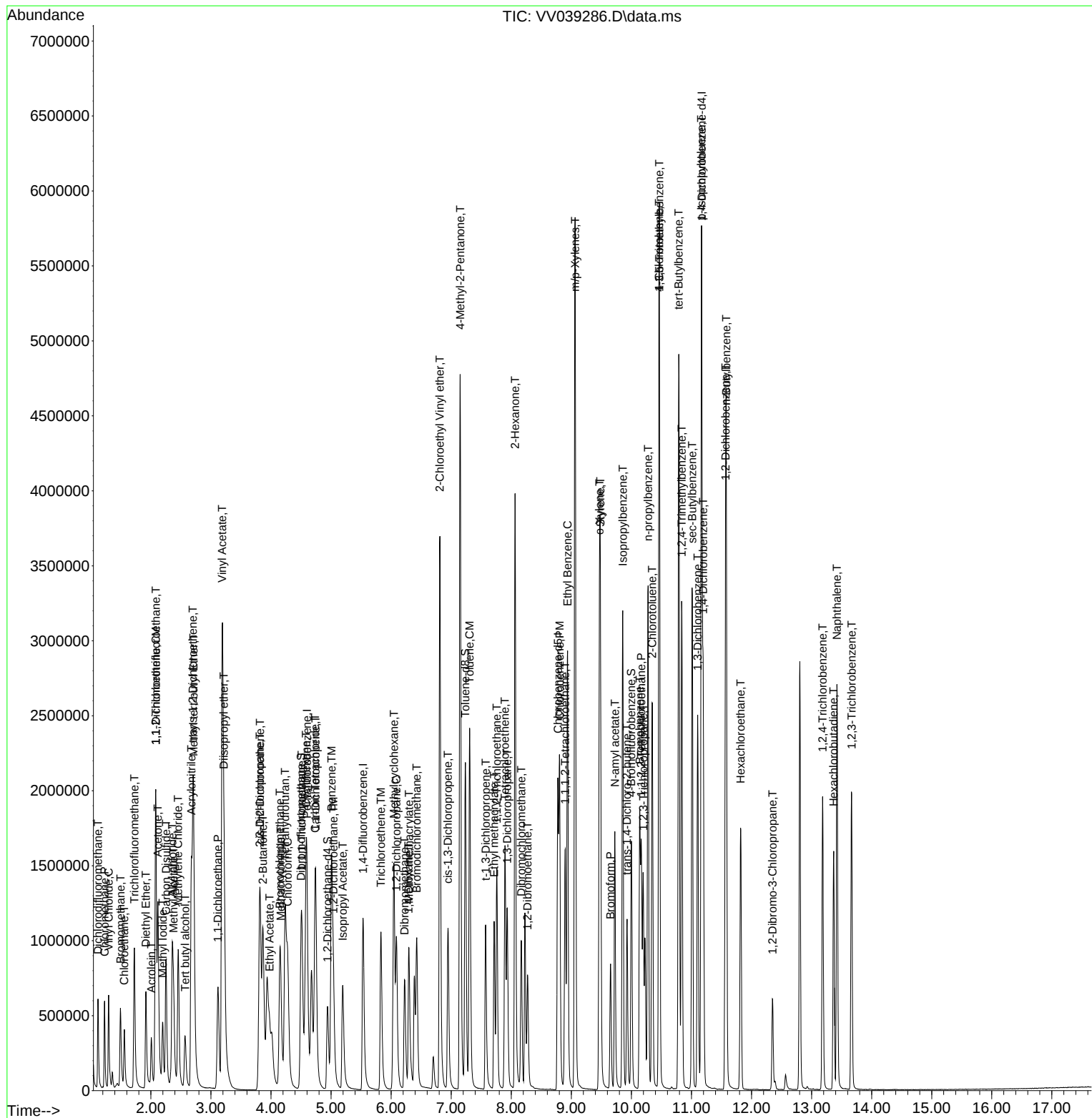
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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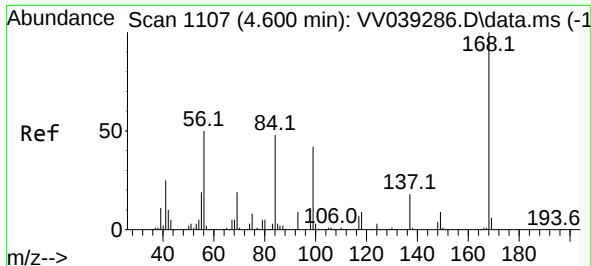
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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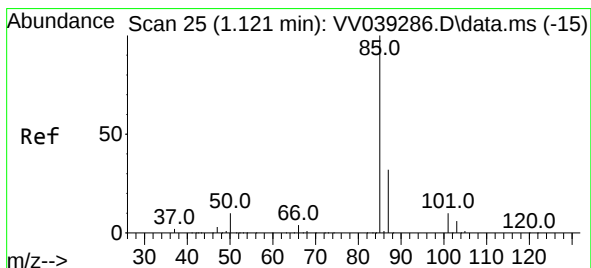
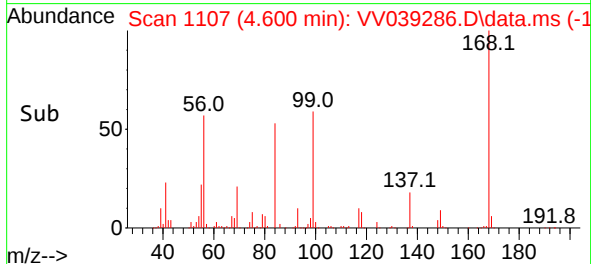
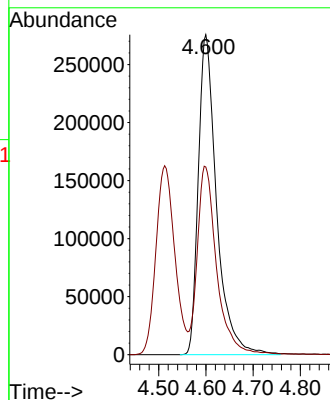
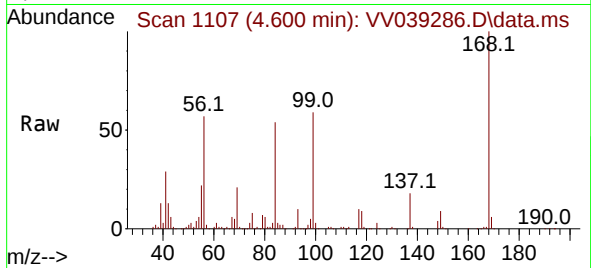




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.000 min
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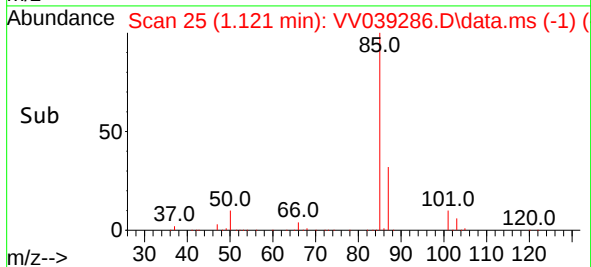
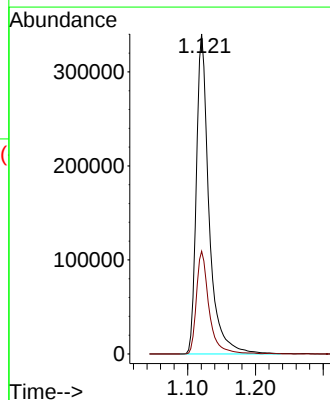
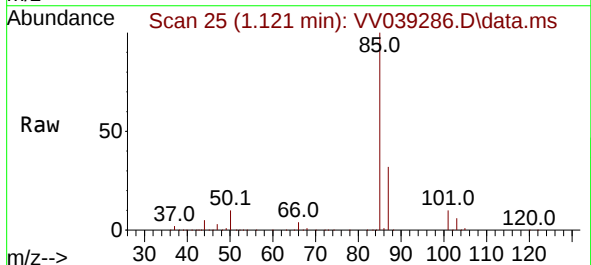
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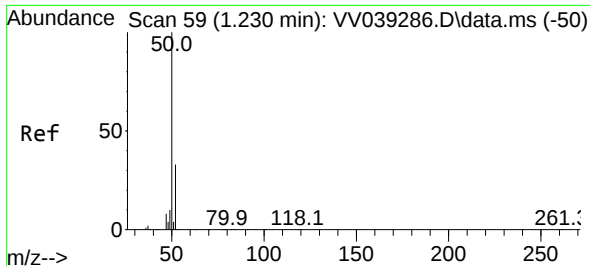
Tgt Ion:168 Resp: 740677
Ion Ratio Lower Upper
168 100
99 58.3 46.6 70.0



#2
Dichlorodifluoromethane
Concen: 47.323 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Tgt Ion: 85 Resp: 443023
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2

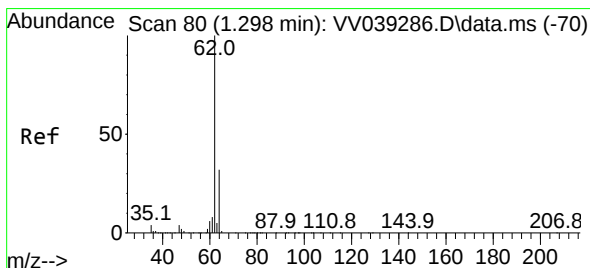
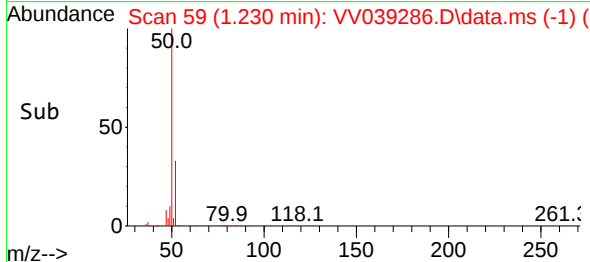
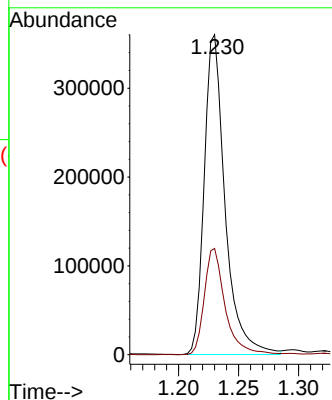
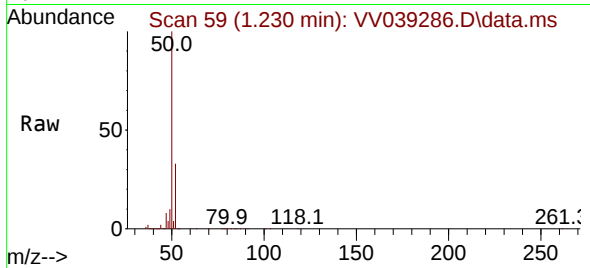




#3
Chloromethane
Concen: 44.721 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039286.D
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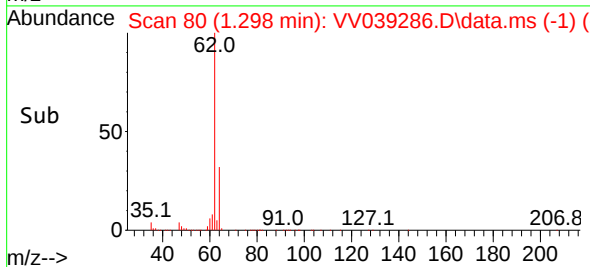
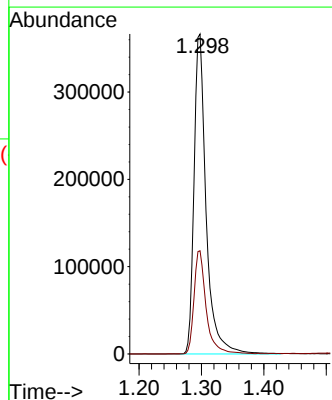
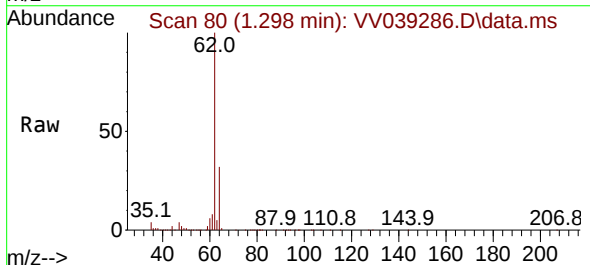
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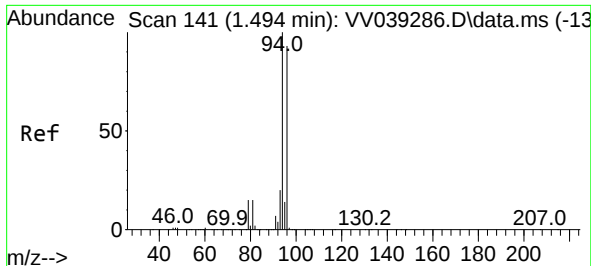
Tgt Ion: 50 Resp: 435874
Ion Ratio Lower Upper
50 100
52 33.2 26.6 39.8



#4
Vinyl Chloride
Concen: 44.374 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Tgt Ion: 62 Resp: 493417
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.6

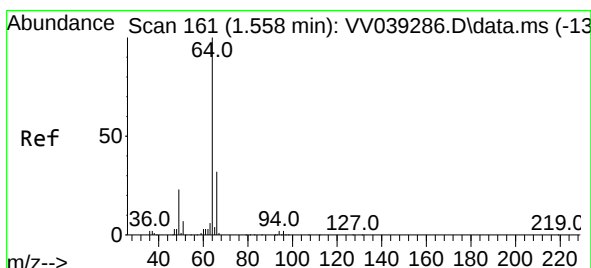
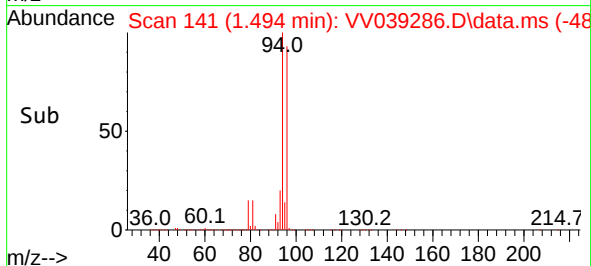
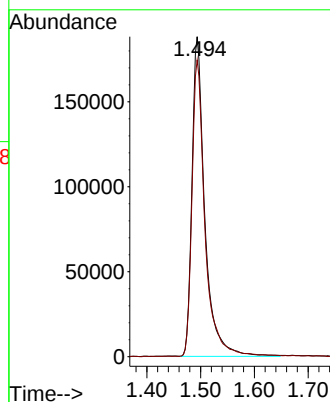
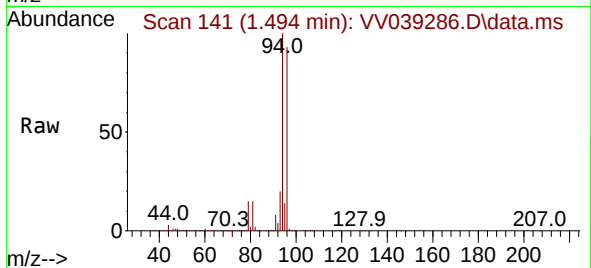




#5
Bromomethane
Concen: 43.273 ug/l
RT: 1.494 min Scan# 141
Delta R.T. 0.000 min
Lab File: VV039286.D
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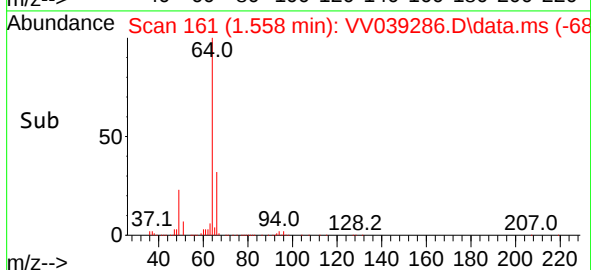
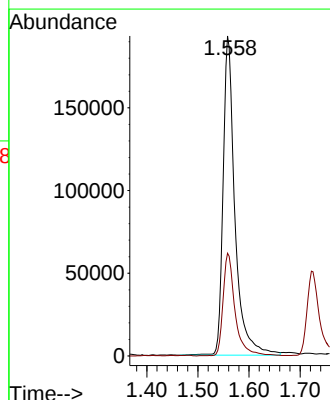
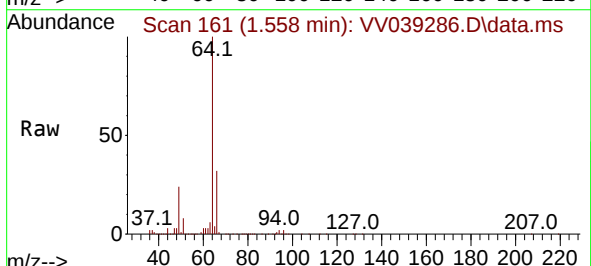
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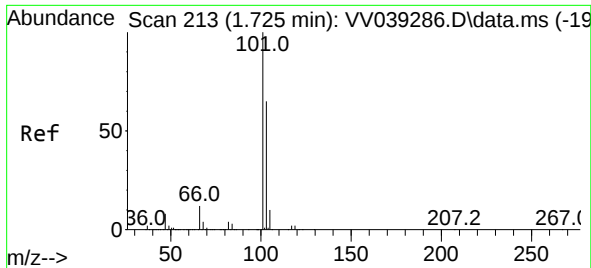
Tgt Ion: 94 Resp: 312191
Ion Ratio Lower Upper
94 100
96 92.7 74.2 111.2



#6
Chloroethane
Concen: 50.611 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 310524
Ion Ratio Lower Upper
64 100
66 32.1 25.7 38.5

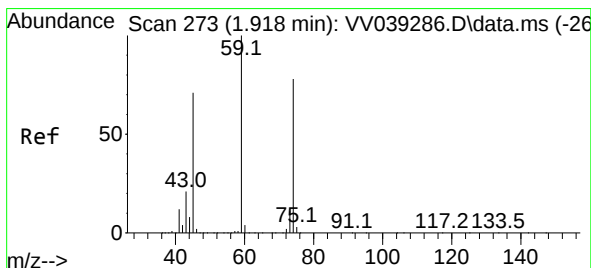
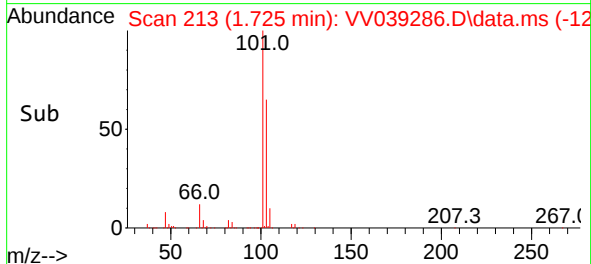
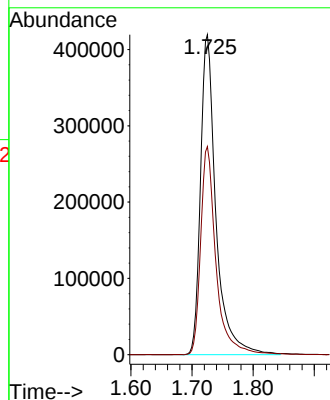
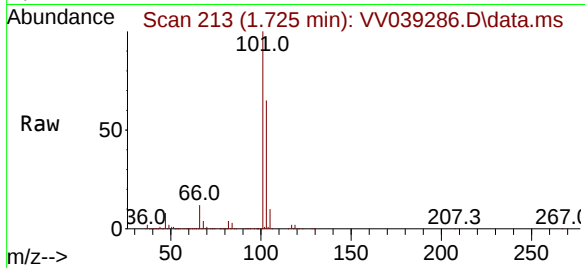




#7
 Trichlorofluoromethane
 Concen: 43.261 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV039286.D
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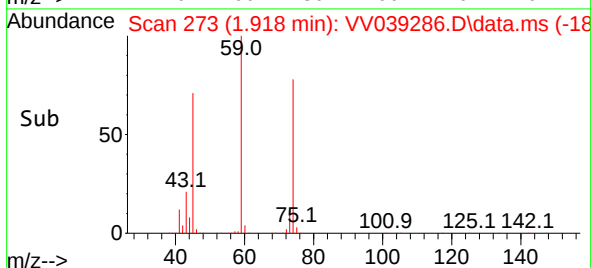
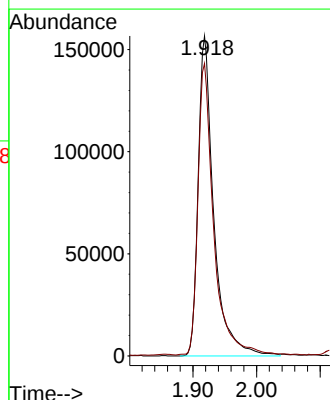
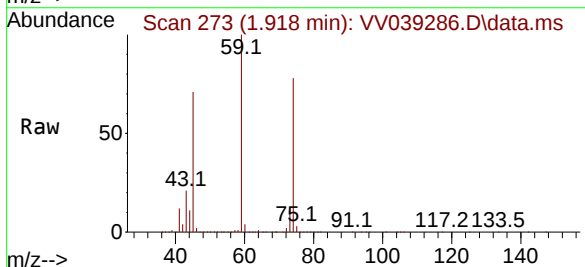
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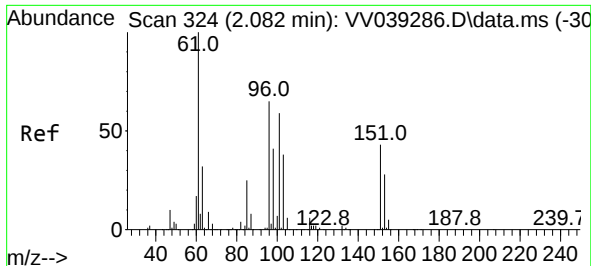
Tgt Ion:101 Resp: 734860
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.0 78.0



#8
 Diethyl Ether
 Concen: 43.517 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 267132
 Ion Ratio Lower Upper
 74 100
 45 91.8 45.9 137.7

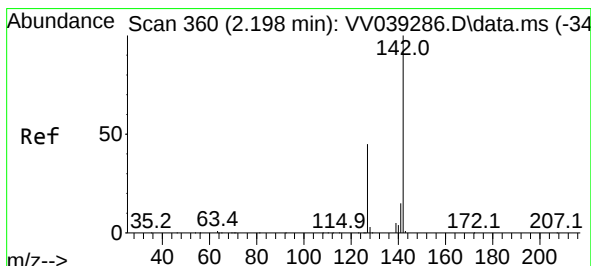
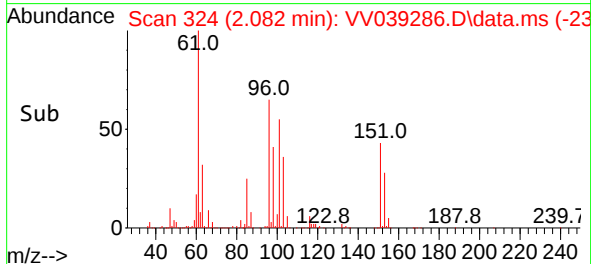
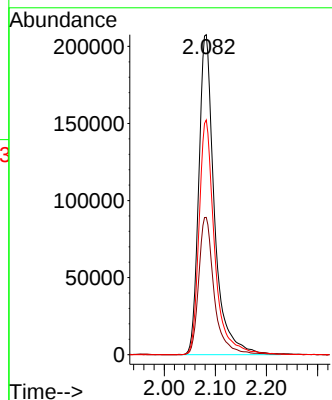
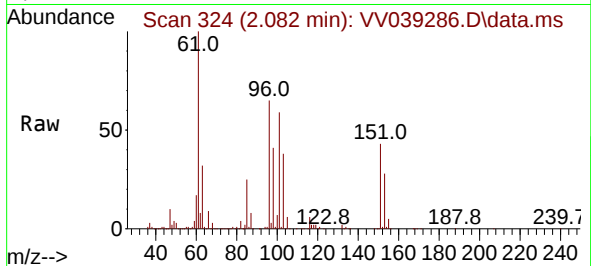




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.475 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

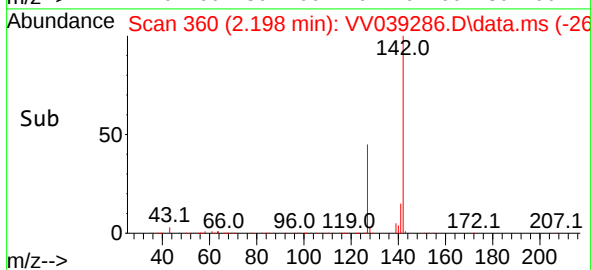
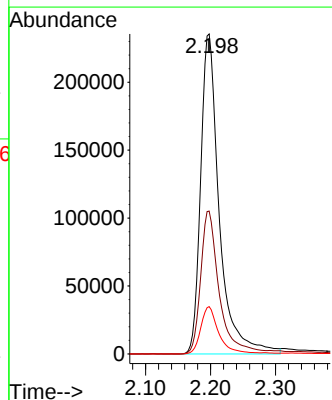
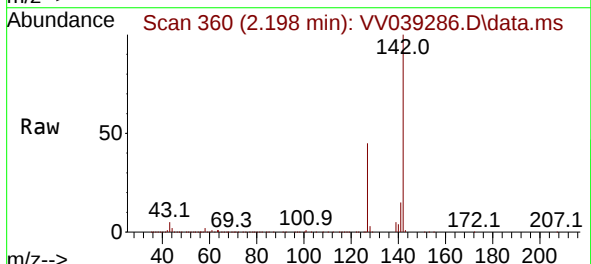
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

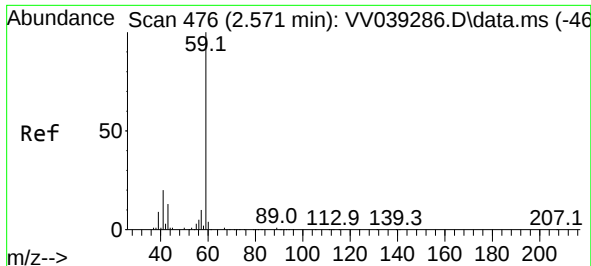
Tgt Ion:101 Resp: 442207
Ion Ratio Lower Upper
101 100
85 42.5 34.0 51.0
151 73.1 58.5 87.7



#10
Methyl Iodide
Concen: 53.768 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Tgt Ion:142 Resp: 471195
Ion Ratio Lower Upper
142 100
127 44.4 35.5 53.3
141 14.4 11.5 17.3

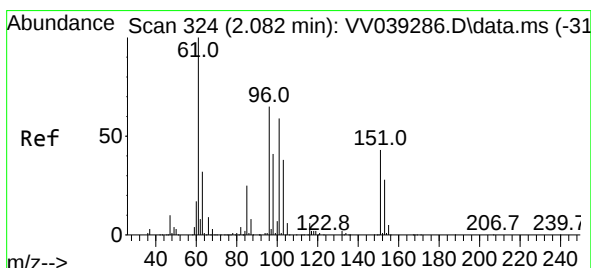
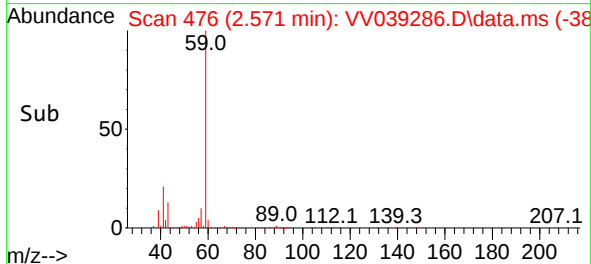
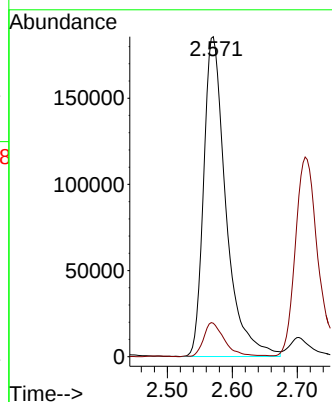
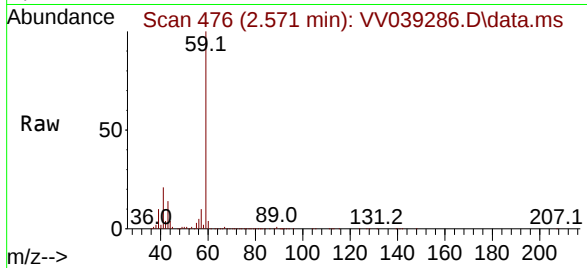




#11
Tert butyl alcohol
Concen: 217.179 ug/l
RT: 2.571 min Scan# 476
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

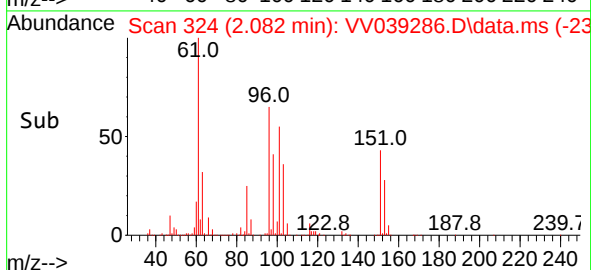
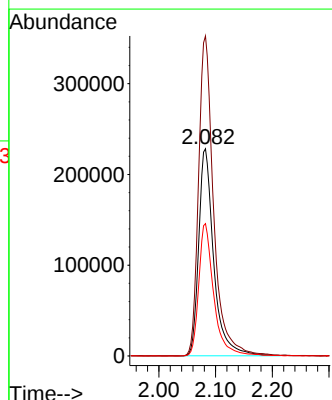
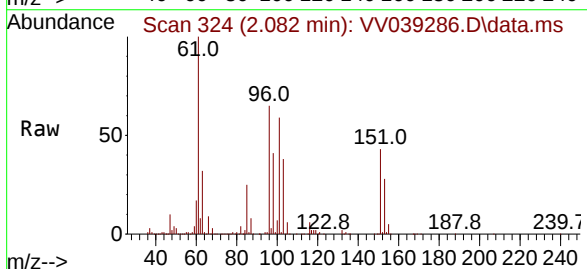
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

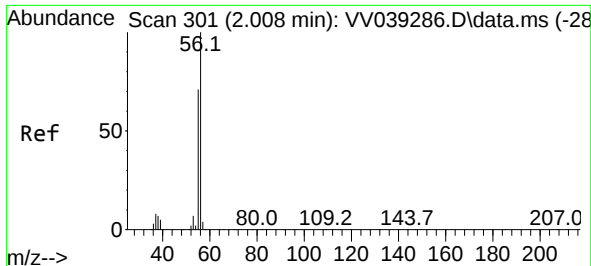
Tgt Ion: 59 Resp: 442966
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1



#12
1,1-Dichloroethene
Concen: 42.222 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Tgt Ion: 96 Resp: 421677
Ion Ratio Lower Upper
96 100
61 154.5 123.6 185.4
98 63.9 51.1 76.7

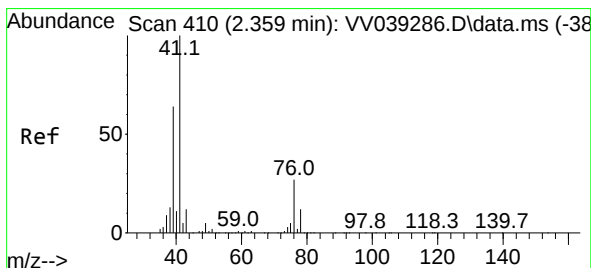
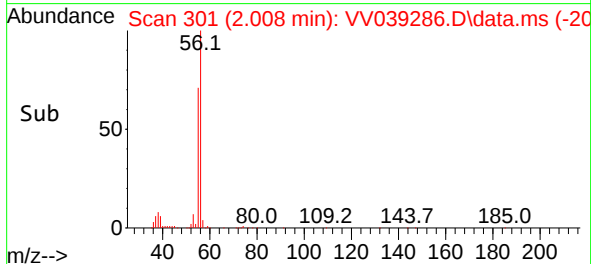
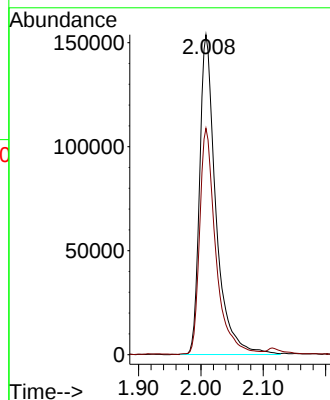
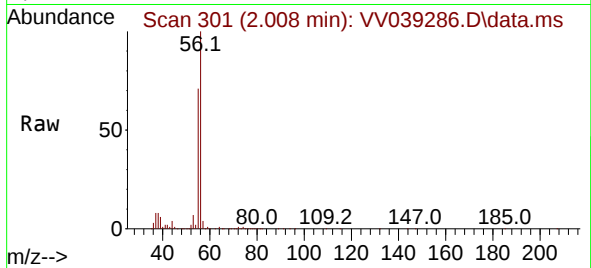




#13
Acrolein
Concen: 235.571 ug/l
RT: 2.008 min Scan# 301
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

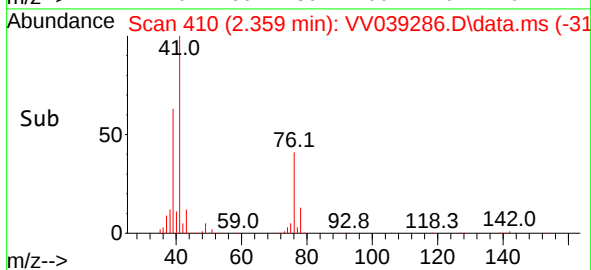
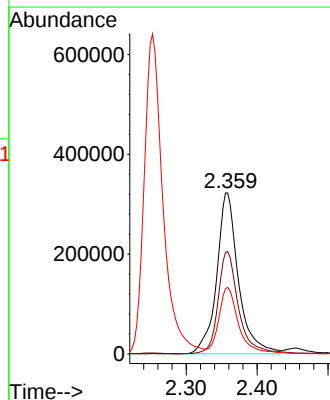
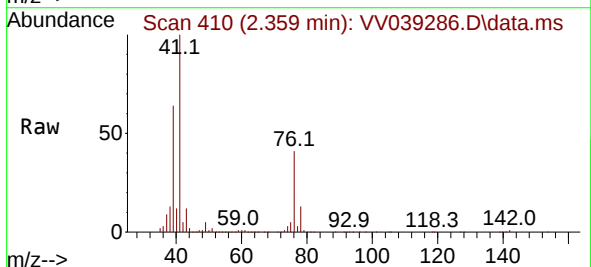
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

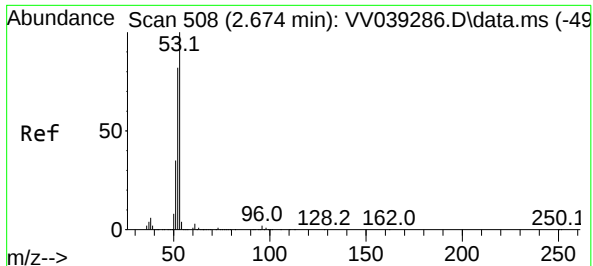
Tgt Ion: 56 Resp: 278306
Ion Ratio Lower Upper
56 100
55 70.3 56.2 84.4



#14
Allyl chloride
Concen: 43.522 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Tgt Ion: 41 Resp: 689035
Ion Ratio Lower Upper
41 100
39 59.7 47.8 71.6
76 37.7 30.2 45.2



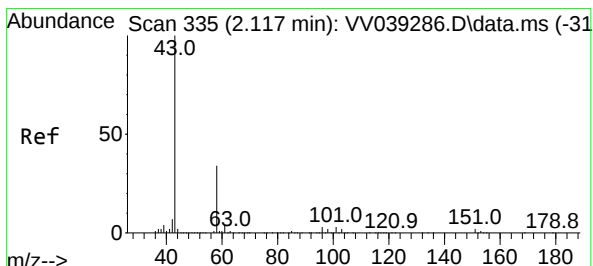
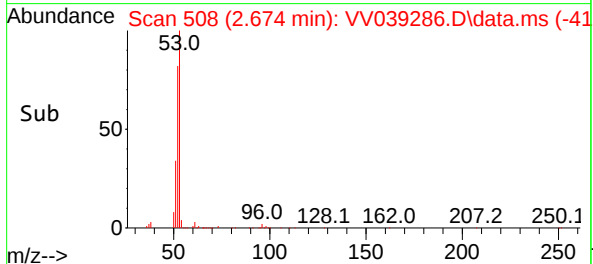
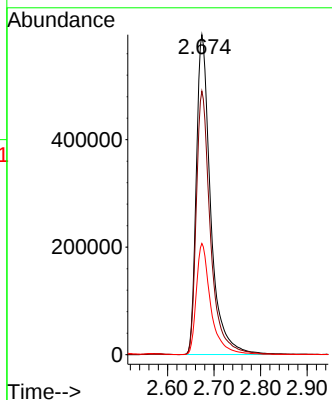
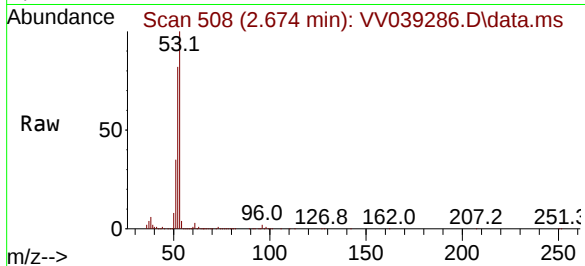


#15
Acrylonitrile
Concen: 210.469 ug/l
RT: 2.674 min Scan# 508
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Tgt Ion: 53 Resp: 1273054

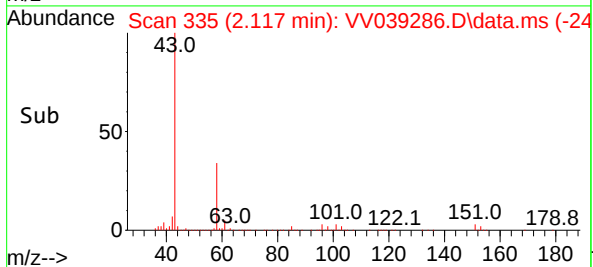
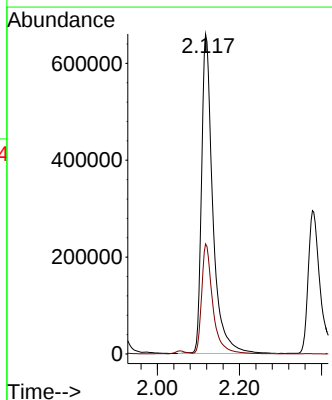
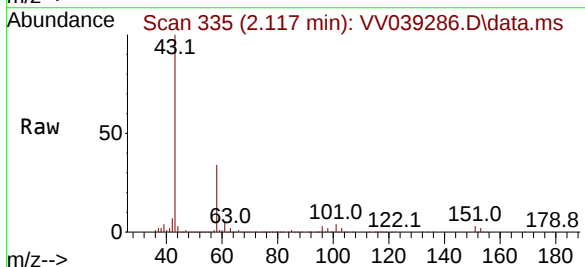
Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.0	97.6
51	34.9	27.9	41.9

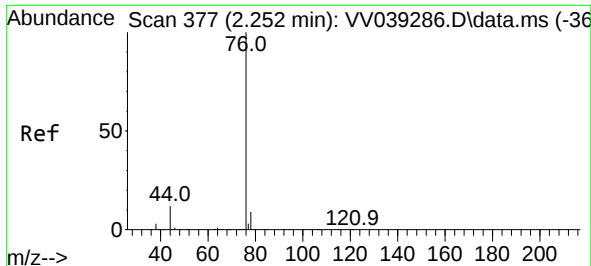


#16
Acetone
Concen: 257.316 ug/l
RT: 2.117 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Tgt Ion: 43 Resp: 1256942

Ion	Ratio	Lower	Upper
43	100		
58	34.4	27.5	41.3

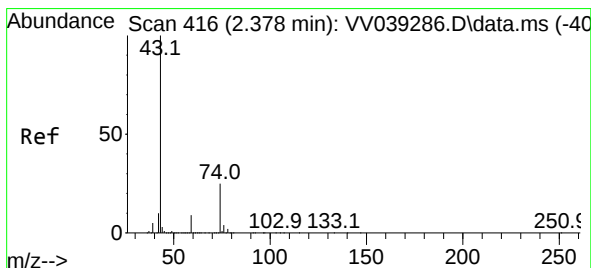
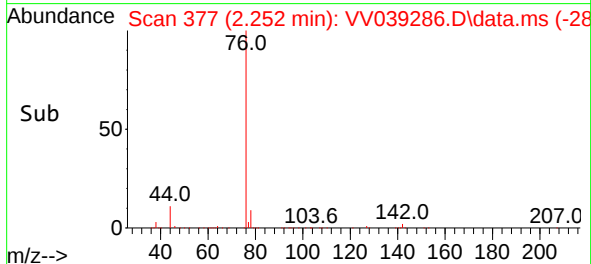
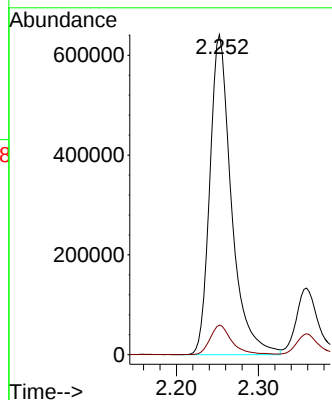
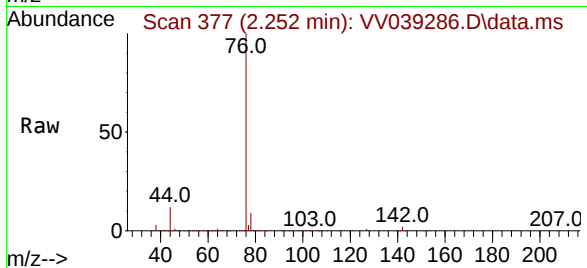




#17
Carbon Disulfide
Concen: 41.716 ug/l
RT: 2.252 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

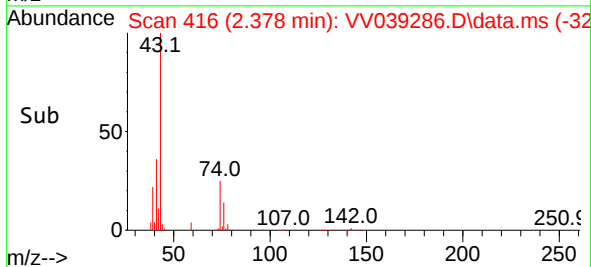
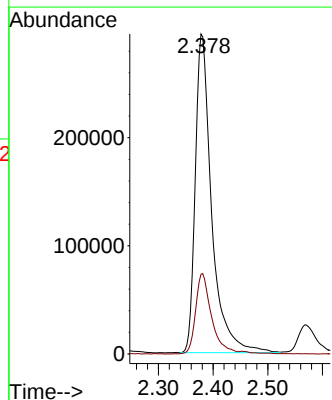
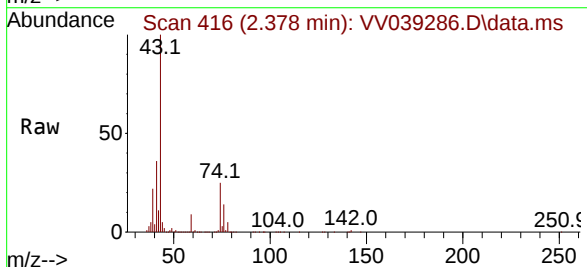
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

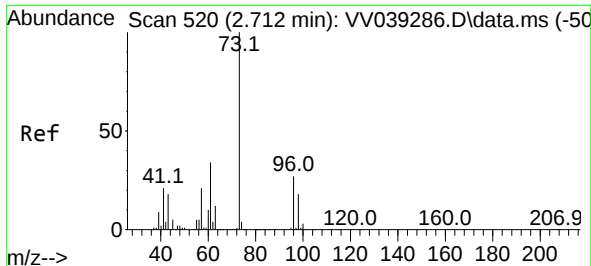
Tgt Ion: 76 Resp: 1176778
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 44.951 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Tgt Ion: 43 Resp: 613033
Ion Ratio Lower Upper
43 100
74 24.4 19.5 29.3

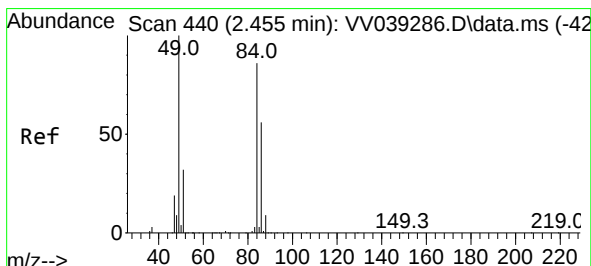
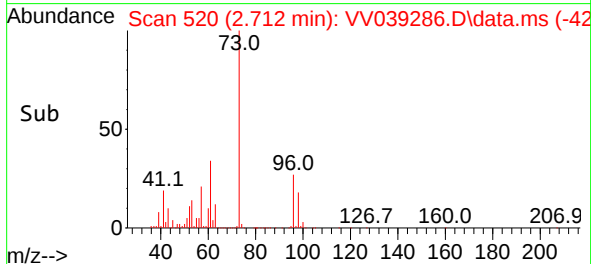
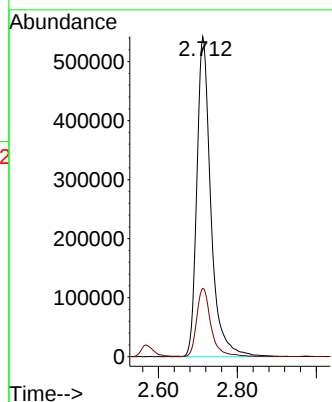
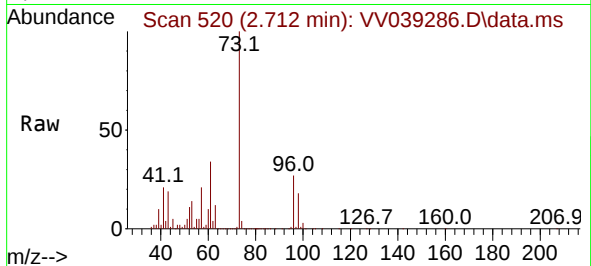




#19
Methyl tert-butyl Ether
Concen: 44.314 ug/l
RT: 2.712 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

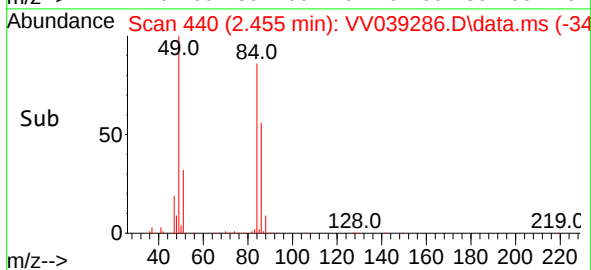
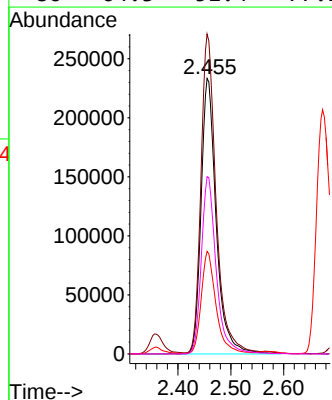
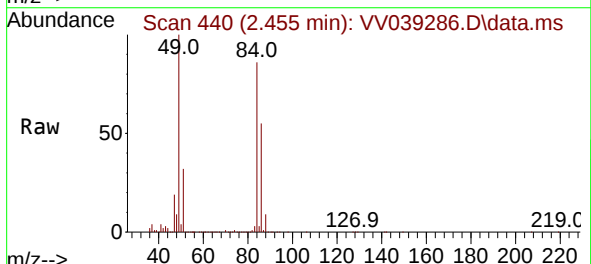
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

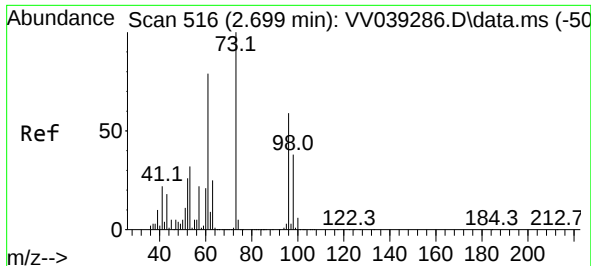
Tgt Ion: 73 Resp: 1332092
Ion Ratio Lower Upper
73 100
57 21.3 17.0 25.6



#20
Methylene Chloride
Concen: 49.670 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Tgt Ion: 84 Resp: 464083
Ion Ratio Lower Upper
84 100
49 115.8 92.6 139.0
51 37.0 29.6 44.4
86 64.3 51.4 77.2

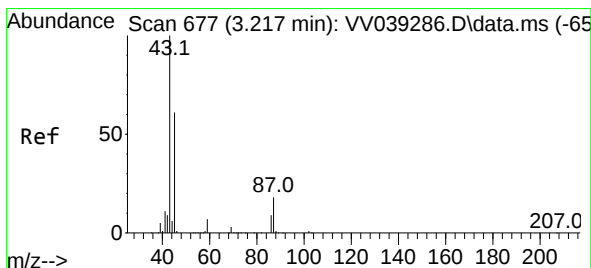
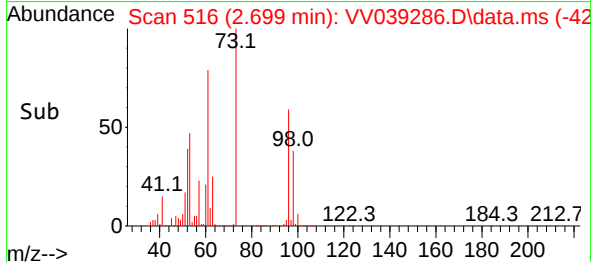
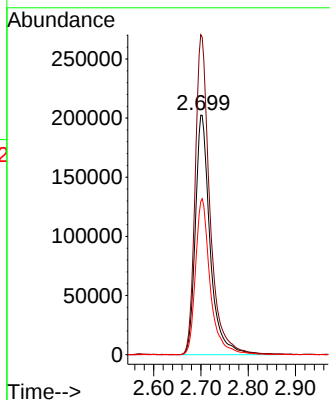
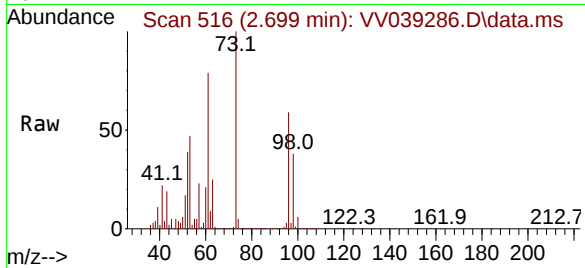




#21
trans-1,2-Dichloroethene
Concen: 41.712 ug/l
RT: 2.699 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

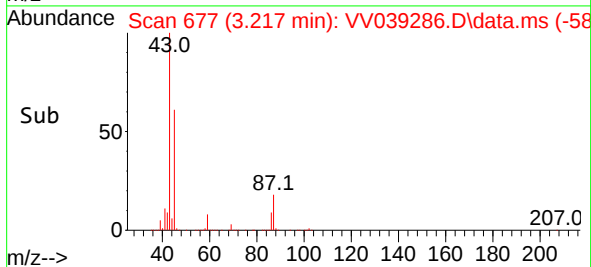
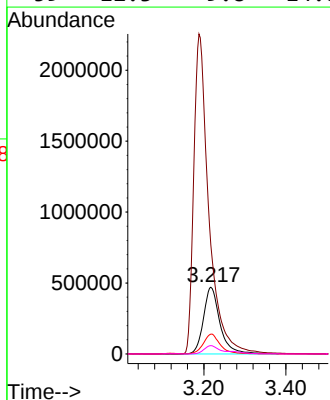
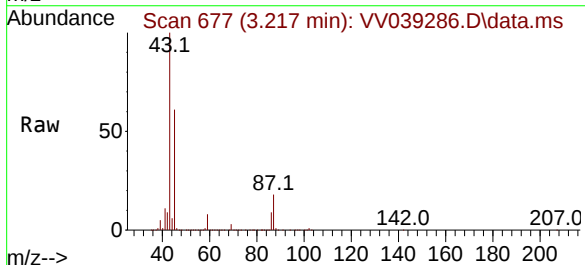
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

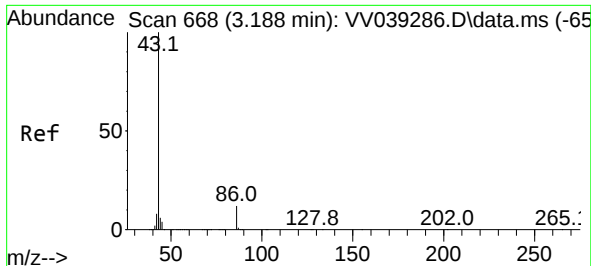
Tgt Ion: 96 Resp: 438618
Ion Ratio Lower Upper
96 100
61 133.5 106.8 160.2
98 63.9 51.1 76.7



#22
Diisopropyl ether
Concen: 46.400 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Tgt Ion: 45 Resp: 1318892
Ion Ratio Lower Upper
45 100
43 163.5 130.8 196.2
87 29.8 23.8 35.8
59 12.3 9.8 14.8

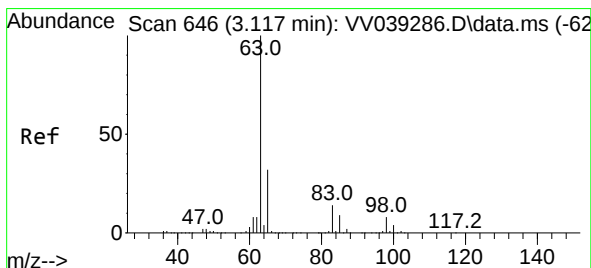
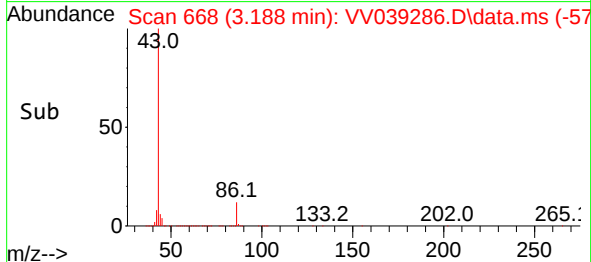
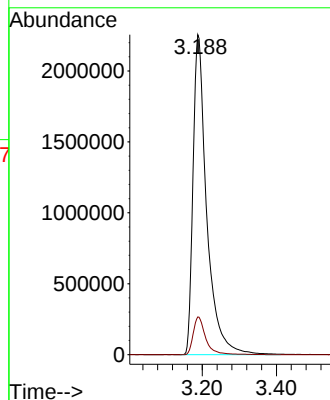
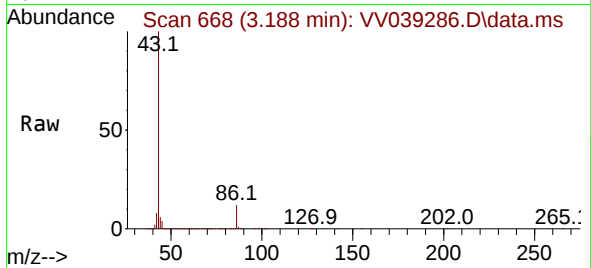




#23
 Vinyl Acetate
 Concen: 231.003 ug/l
 RT: 3.188 min Scan# 668
 Delta R.T. 0.000 min
 Lab File: VV039286.D
 Acq: 07 Oct 2025 11:10

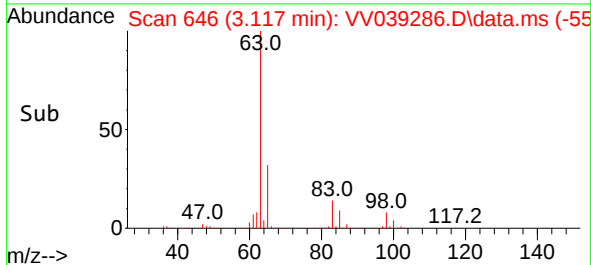
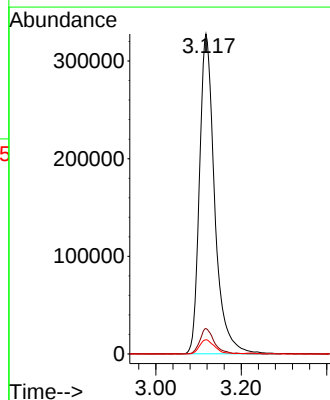
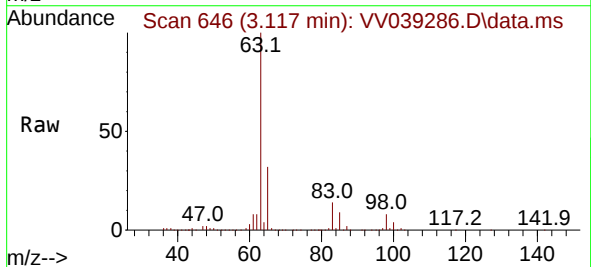
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

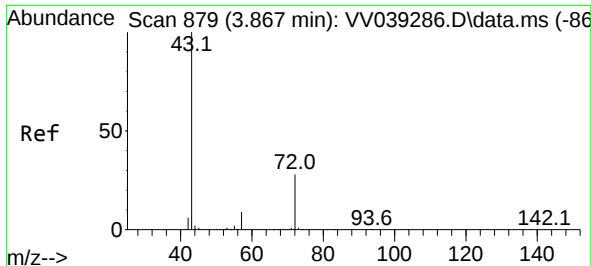
Tgt Ion: 43 Resp: 5764450
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 42.467 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: VV039286.D
 Acq: 07 Oct 2025 11:10

Tgt Ion: 63 Resp: 808699
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 12.0
 100 4.5 2.3 6.8

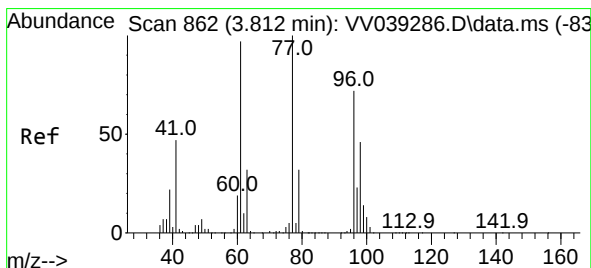
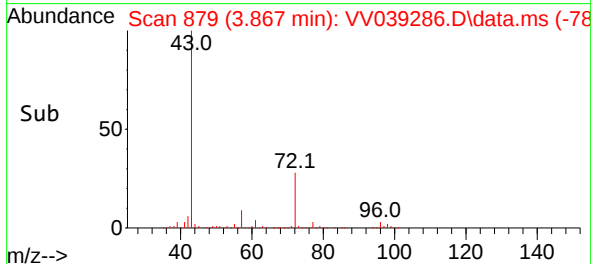
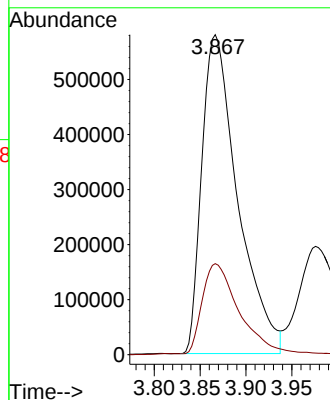
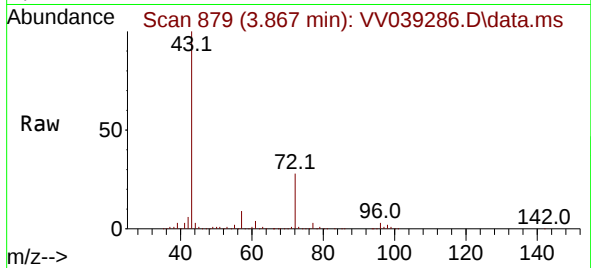




#25
2-Butanone
Concen: 246.195 ug/l
RT: 3.867 min Scan# 879
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

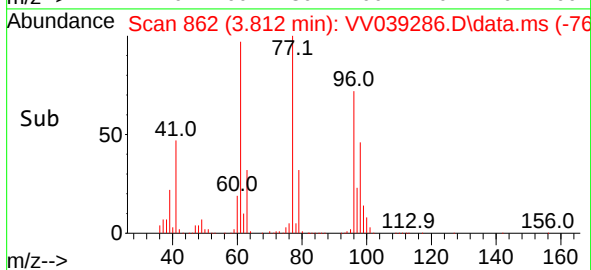
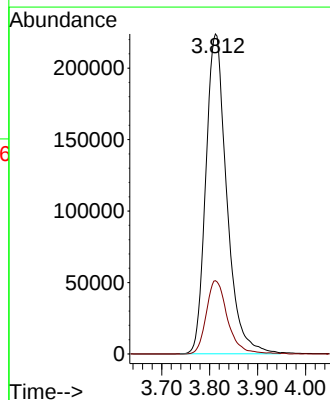
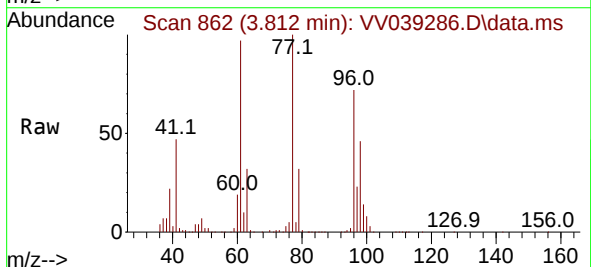
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

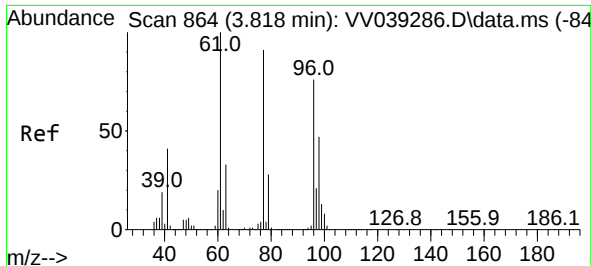
Tgt Ion: 43 Resp: 1580057
Ion Ratio Lower Upper
43 100
72 28.3 22.6 34.0



#26
2,2-Dichloropropane
Concen: 44.190 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Tgt Ion: 77 Resp: 677781
Ion Ratio Lower Upper
77 100
97 23.2 11.6 34.8



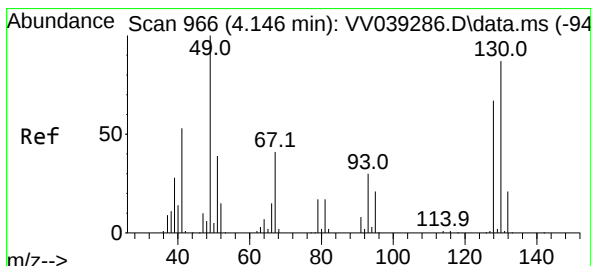
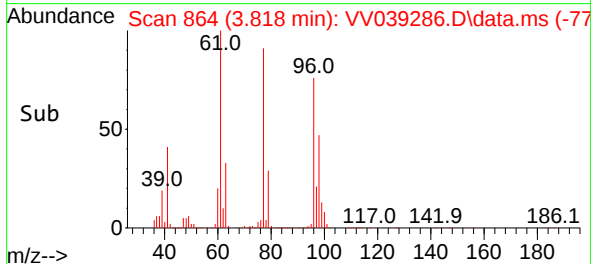
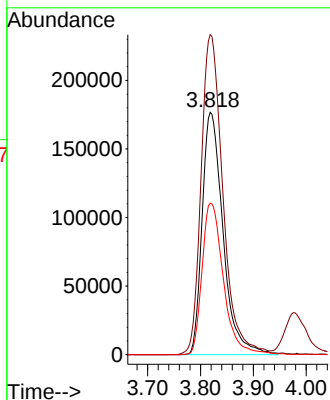
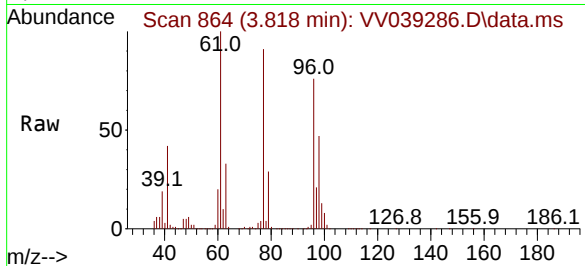


#27
 cis-1,2-Dichloroethene
 Concen: 46.173 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV039286.D
 Acq: 07 Oct 2025 11:10

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 96 Resp: 486141

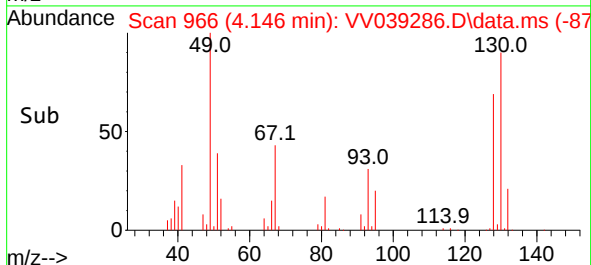
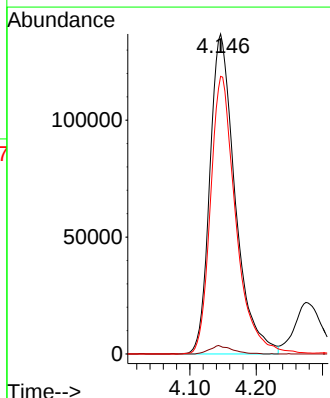
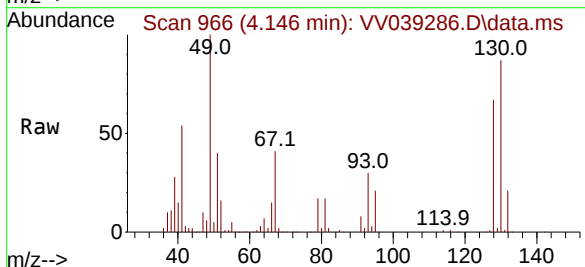
Ion	Ratio	Lower	Upper
96	100		
61	137.5	0.0	275.0
98	63.9	0.0	127.8

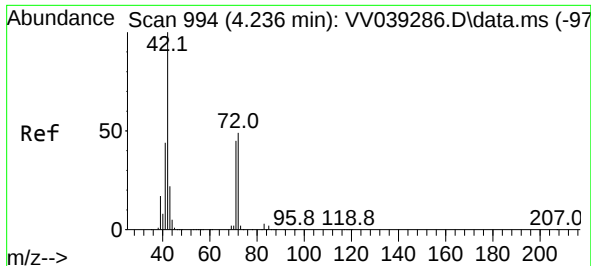


#28
 Bromochloromethane
 Concen: 43.620 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.000 min
 Lab File: VV039286.D
 Acq: 07 Oct 2025 11:10

Tgt Ion: 49 Resp: 363013

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	86.9	69.5	104.3





#29

Tetrahydrofuran

Concen: 241.876 ug/l

RT: 4.236 min Scan# 994

Delta R.T. 0.000 min

Lab File: VV039286.D

Acq: 07 Oct 2025 11:10

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

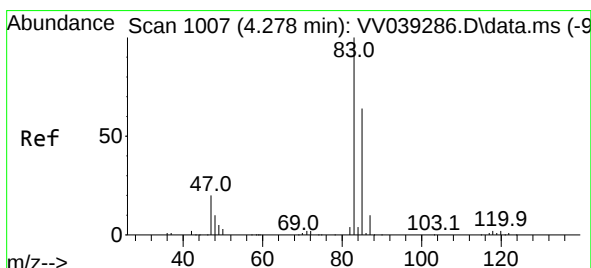
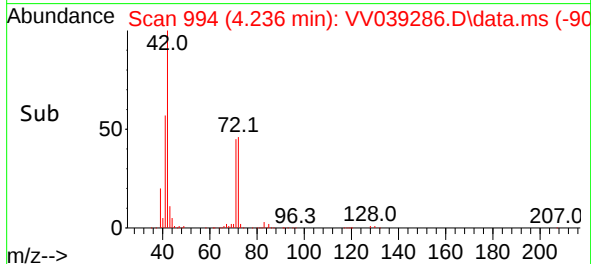
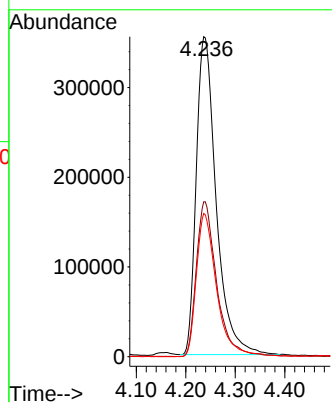
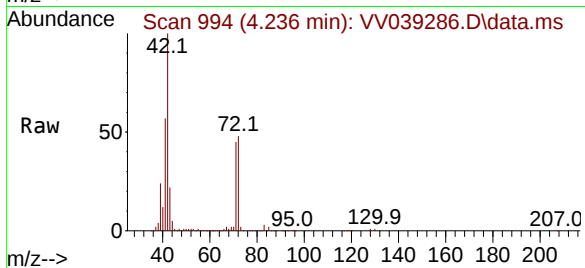
Tgt Ion: 42 Resp: 995120

Ion Ratio Lower Upper

42 100

72 49.8 39.8 59.8

71 45.6 36.5 54.7



#30

Chloroform

Concen: 42.736 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VV039286.D

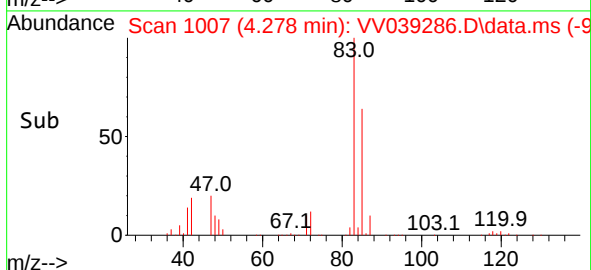
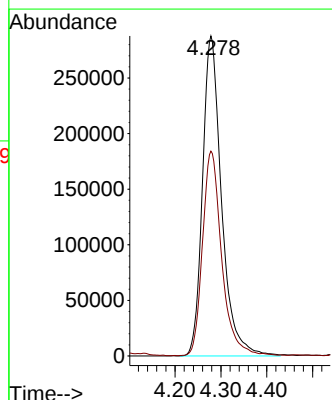
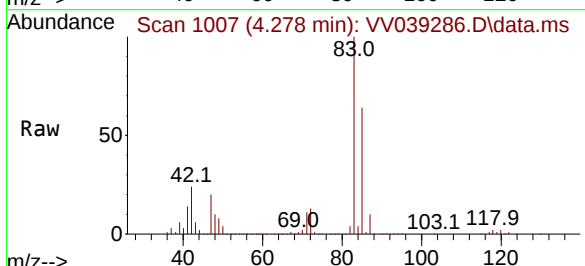
Acq: 07 Oct 2025 11:10

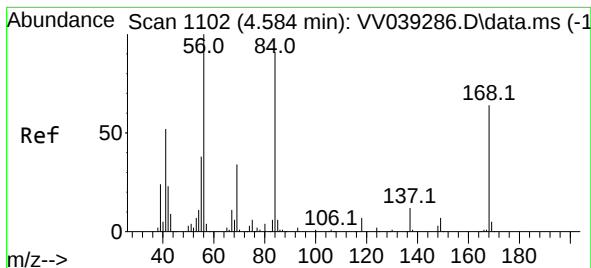
Tgt Ion: 83 Resp: 829923

Ion Ratio Lower Upper

83 100

85 63.9 51.1 76.7





#31

Cyclohexane

Concen: 46.558 ug/l

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV039286.D

Acq: 07 Oct 2025 11:10

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

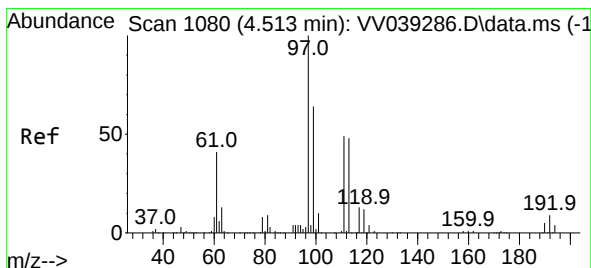
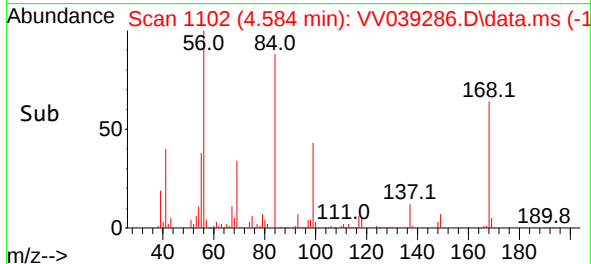
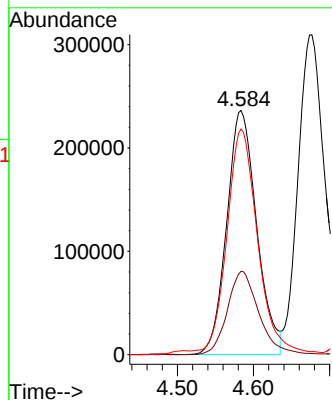
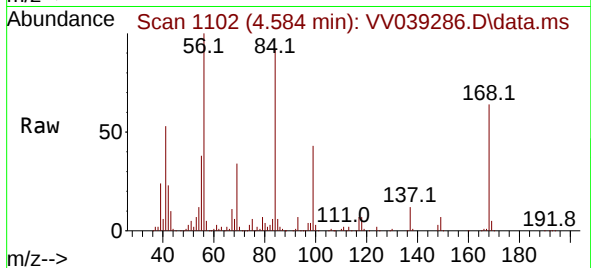
Tgt Ion: 56 Resp: 645772

Ion Ratio Lower Upper

56 100

69 34.2 27.4 41.0

84 91.0 72.8 109.2



#32

1,1,1-Trichloroethane

Concen: 43.698 ug/l

RT: 4.513 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VV039286.D

Acq: 07 Oct 2025 11:10

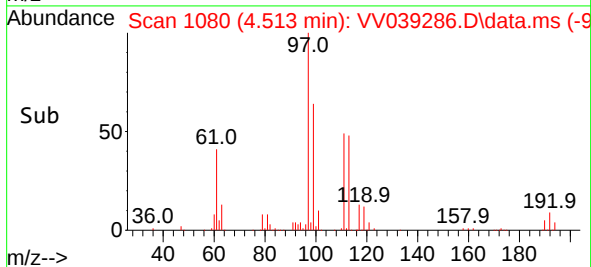
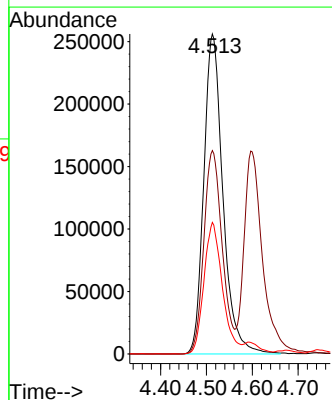
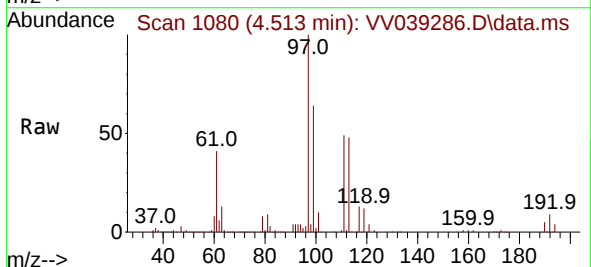
Tgt Ion: 97 Resp: 741951

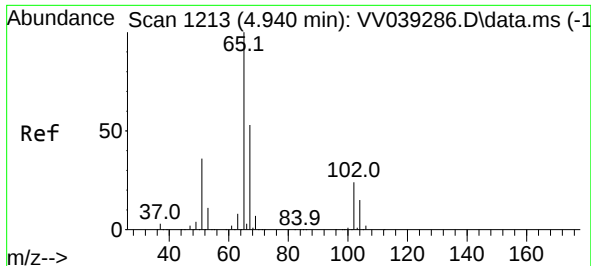
Ion Ratio Lower Upper

97 100

99 60.7 48.6 72.8

61 39.8 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 46.386 ug/l

RT: 4.940 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VV039286.D

Acq: 07 Oct 2025 11:10

Instrument :

MSVOA_V

ClientSampleId :

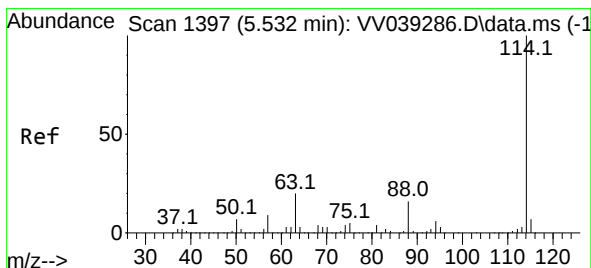
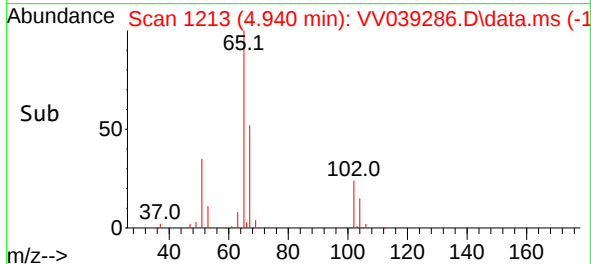
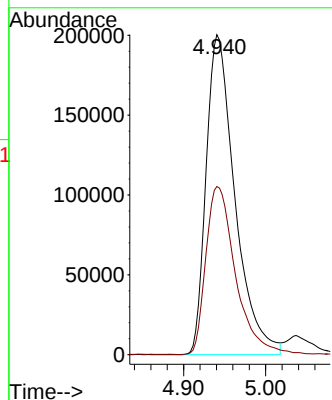
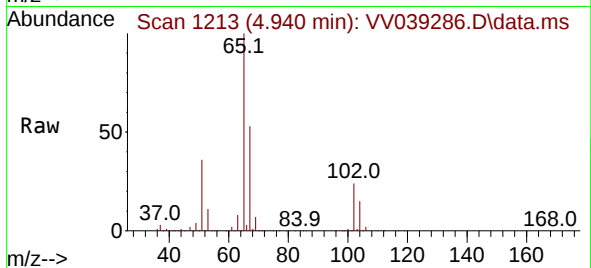
VSTDICCC050

Tgt Ion: 65 Resp: 488198

Ion Ratio Lower Upper

65 100

67 54.2 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: VV039286.D

Acq: 07 Oct 2025 11:10

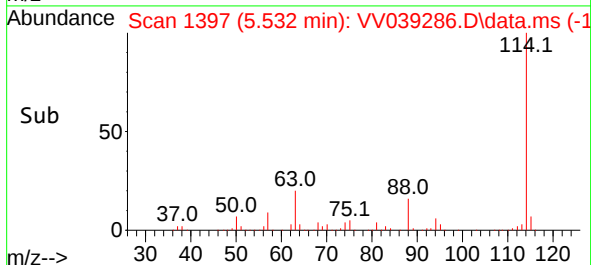
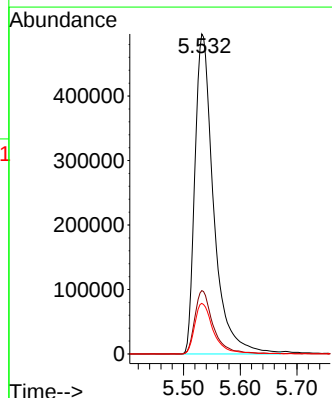
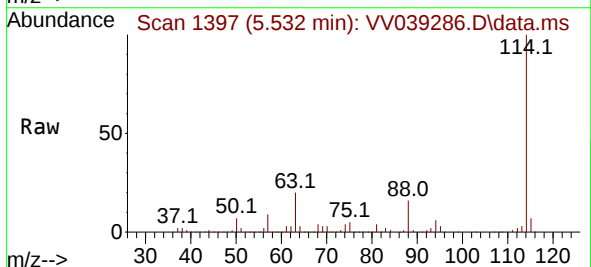
Tgt Ion: 114 Resp: 1137525

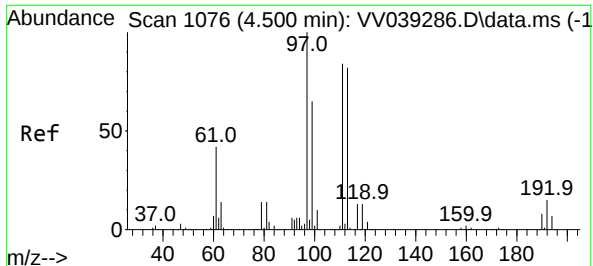
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

88 15.8 0.0 31.6

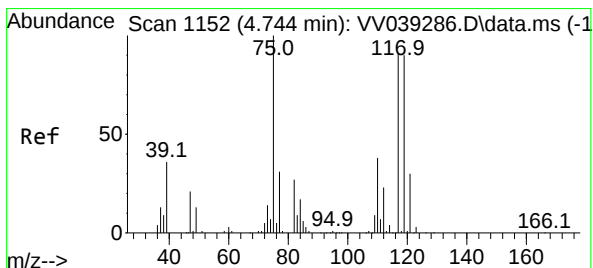
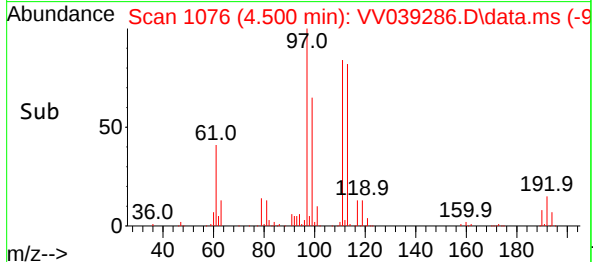
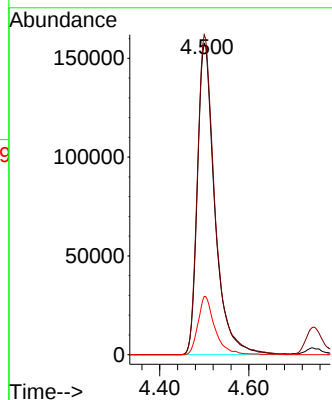
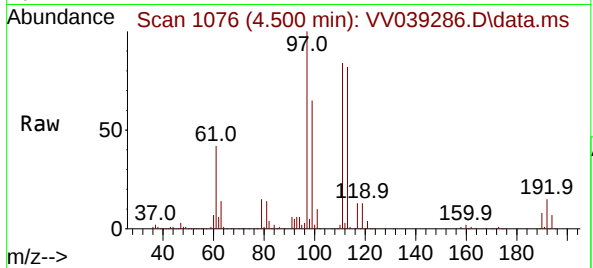




#35
Dibromofluoromethane
Concen: 47.819 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

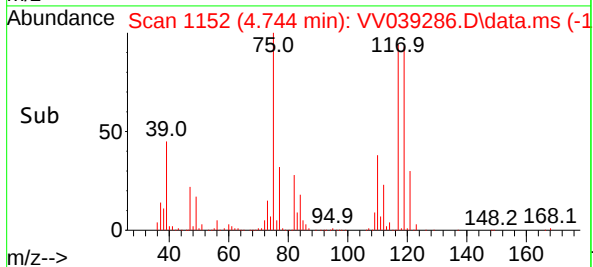
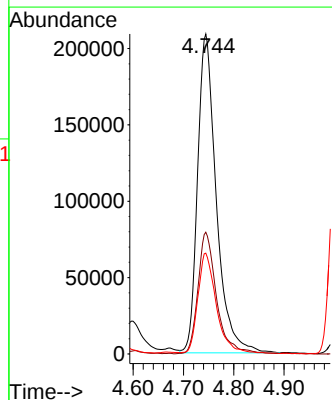
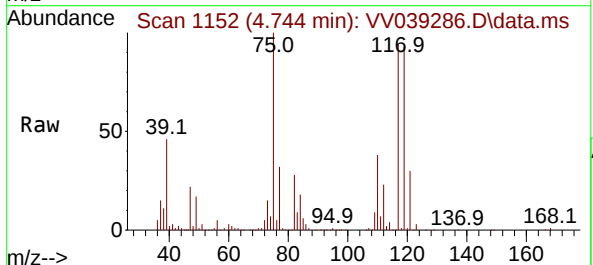
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

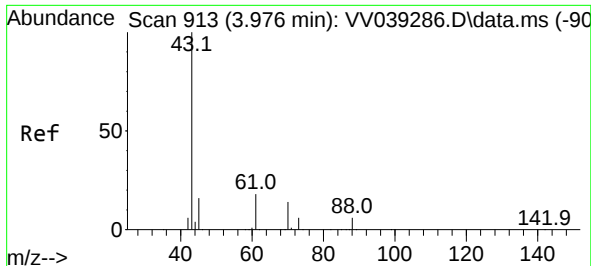
Tgt Ion:113 Resp: 428600
Ion Ratio Lower Upper
113 100
111 102.5 82.0 123.0
192 17.9 14.3 21.5



#36
1,1-Dichloropropene
Concen: 47.953 ug/l
RT: 4.744 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Tgt Ion: 75 Resp: 539826
Ion Ratio Lower Upper
75 100
110 37.8 18.9 56.7
77 30.1 24.1 36.1

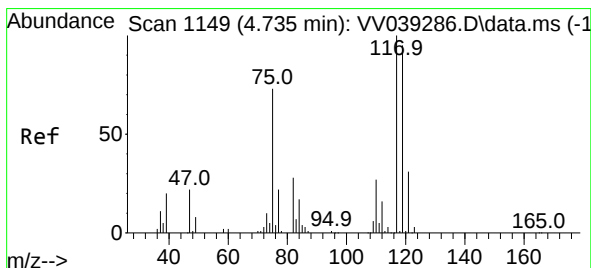
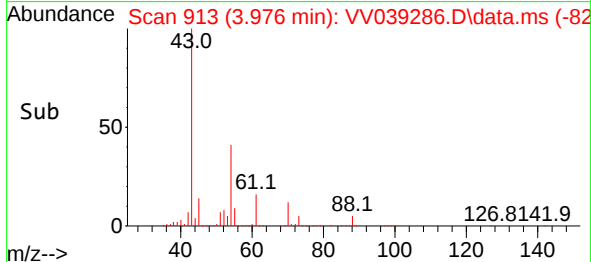
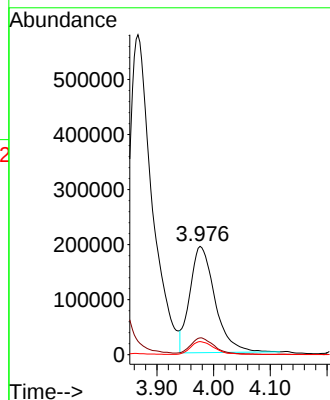
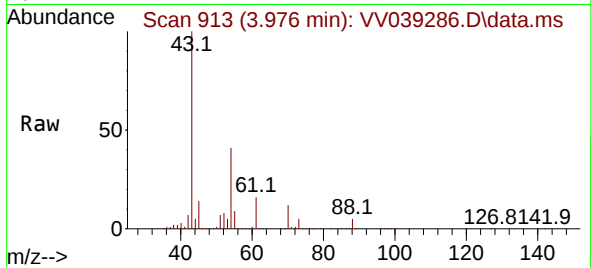




#37
Ethyl Acetate
Concen: 45.175 ug/l
RT: 3.976 min Scan# 913
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

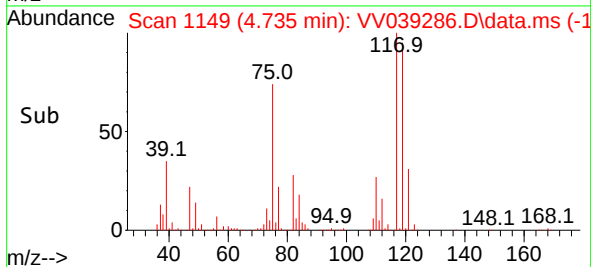
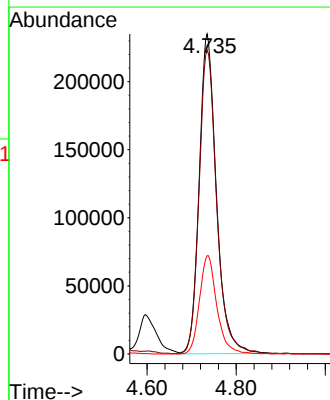
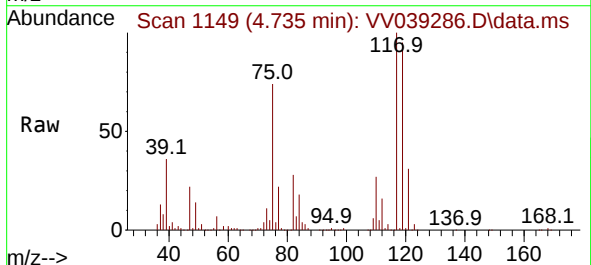
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

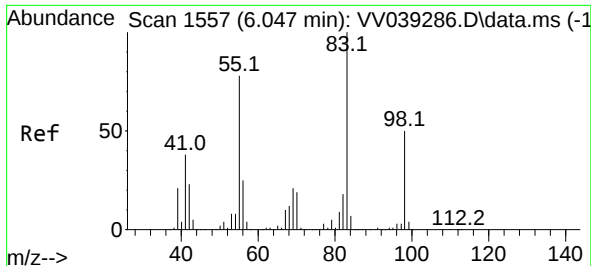
Tgt Ion: 43 Resp: 593418
Ion Ratio Lower Upper
43 100
61 15.2 12.2 18.2
70 11.2 9.0 13.4



#38
Carbon Tetrachloride
Concen: 44.309 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Tgt Ion: 117 Resp: 632245
Ion Ratio Lower Upper
117 100
119 94.9 75.9 113.9
121 30.8 24.6 37.0





#39

Methylcyclohexane

Concen: 52.013 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV039286.D

Acq: 07 Oct 2025 11:10

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

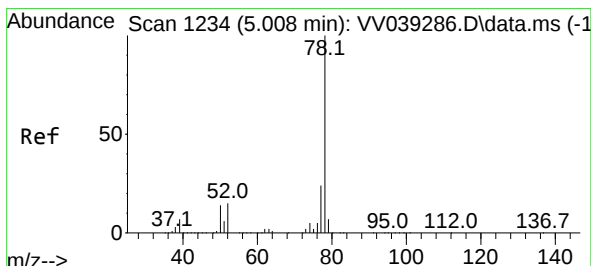
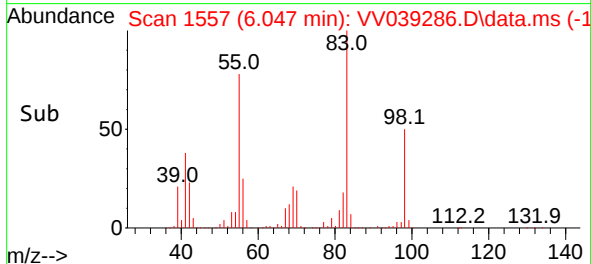
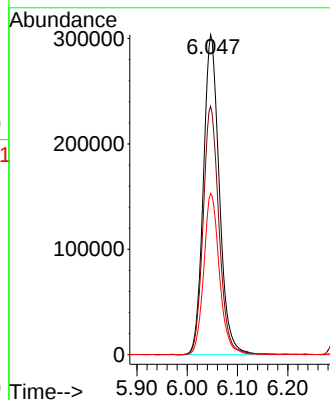
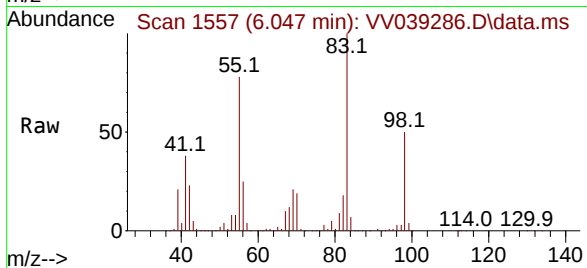
Tgt Ion: 83 Resp: 669190

Ion Ratio Lower Upper

83 100

55 77.6 62.1 93.1

98 50.3 40.2 60.4



#40

Benzene

Concen: 47.972 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VV039286.D

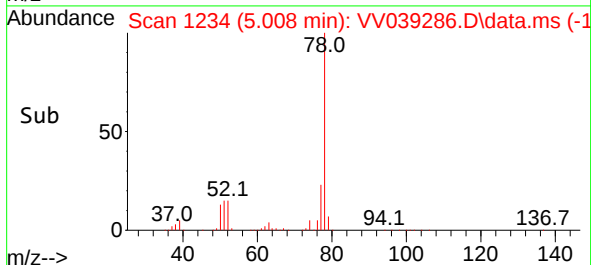
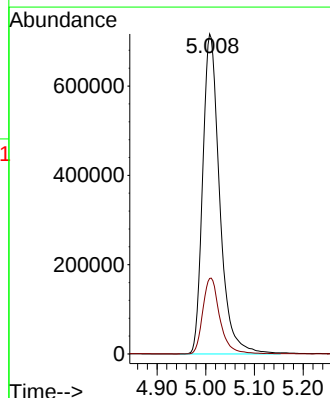
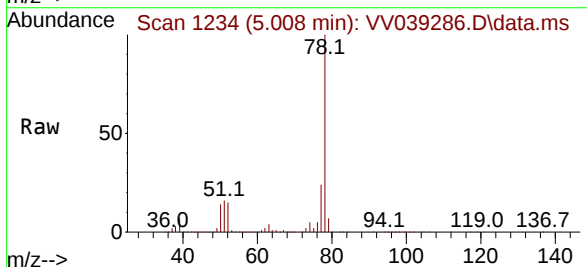
Acq: 07 Oct 2025 11:10

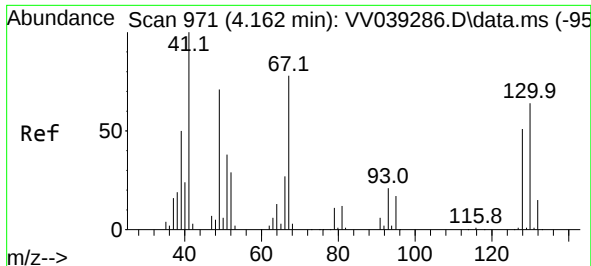
Tgt Ion: 78 Resp: 1732886

Ion Ratio Lower Upper

78 100

77 23.6 18.9 28.3



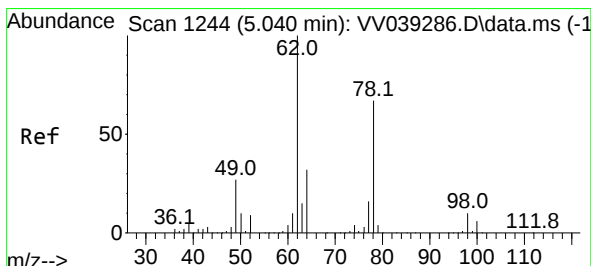
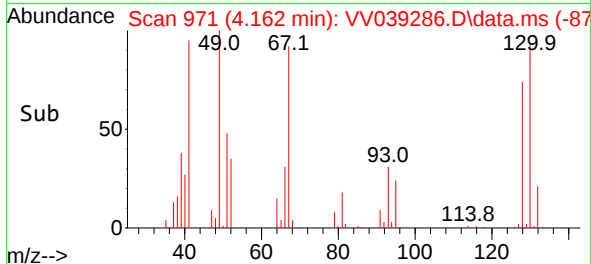
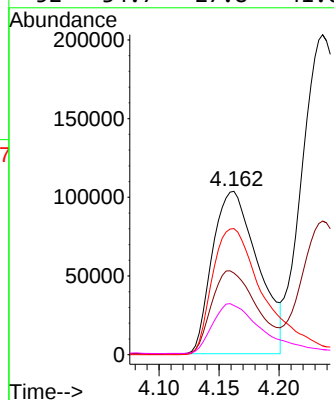
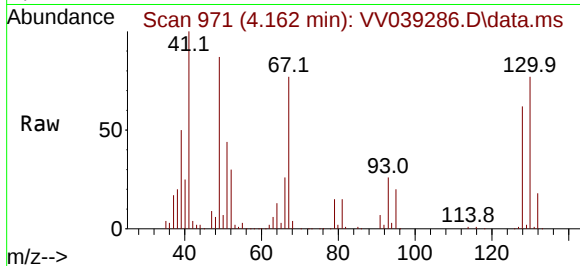


#41
Methacrylonitrile
Concen: 48.559 ug/l
RT: 4.162 min Scan# 971
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 273424

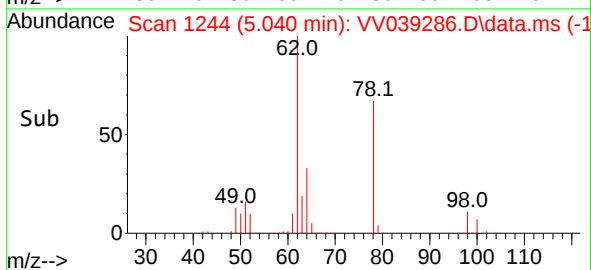
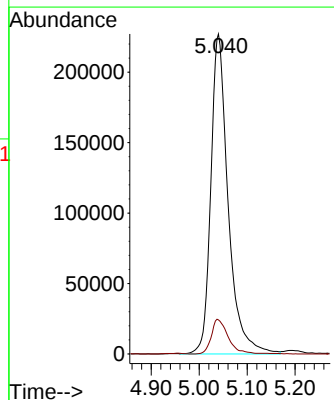
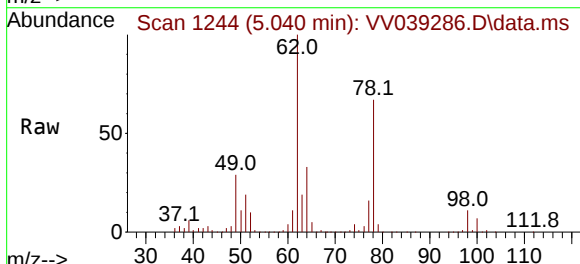
Ion	Ratio	Lower	Upper
41	100		
39	51.1	40.9	61.3
67	91.4	73.1	109.7
52	34.7	27.8	41.6

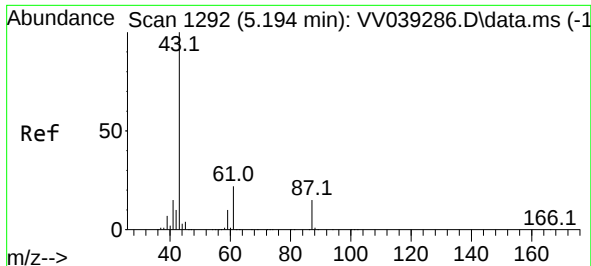


#42
1,2-Dichloroethane
Concen: 44.969 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Tgt Ion: 62 Resp: 570110

Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.0

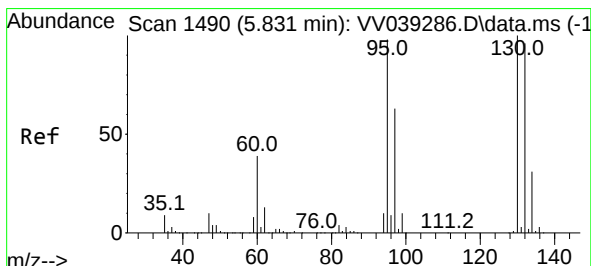
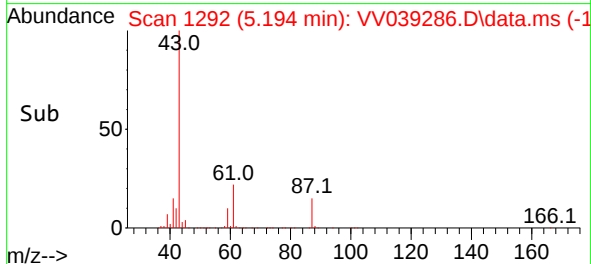
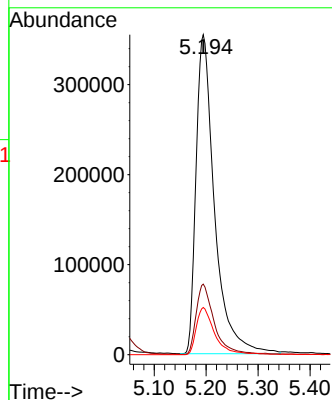
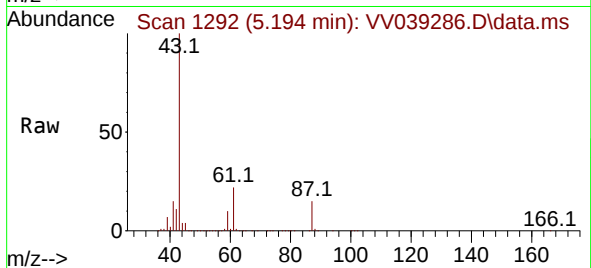




#43
Isopropyl Acetate
Concen: 48.837 ug/l
RT: 5.194 min Scan# 1292
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

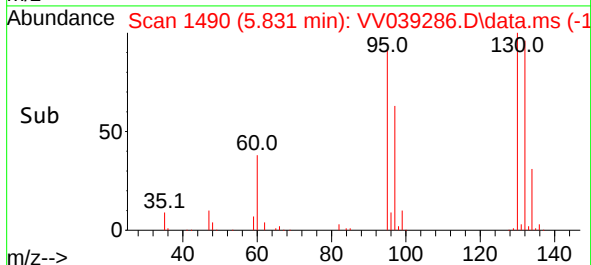
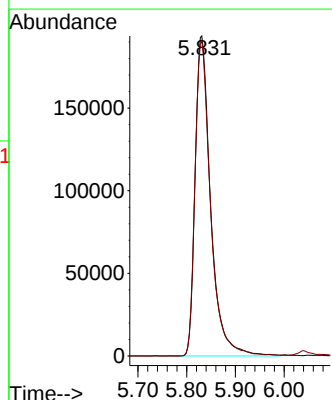
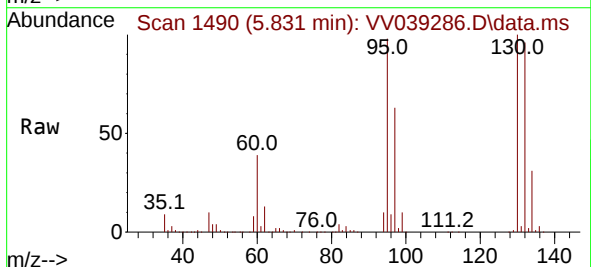
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

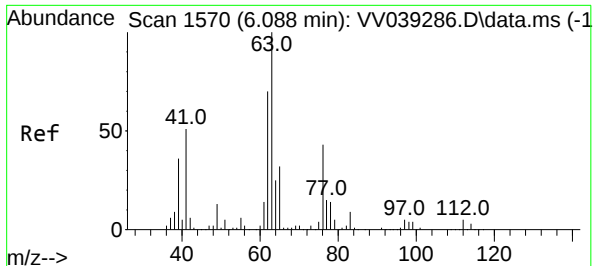
Tgt Ion: 43 Resp: 876691
Ion Ratio Lower Upper
43 100
61 21.4 17.1 25.7
87 14.4 11.5 17.3



#44
Trichloroethene
Concen: 47.195 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Tgt Ion:130 Resp: 428718
Ion Ratio Lower Upper
130 100
95 98.3 0.0 196.6

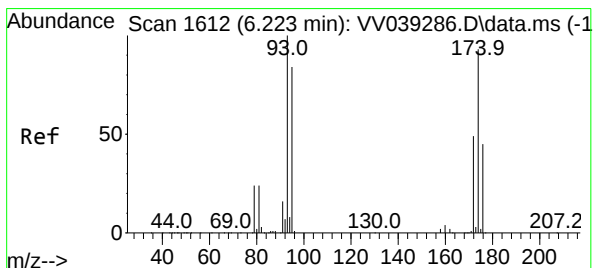
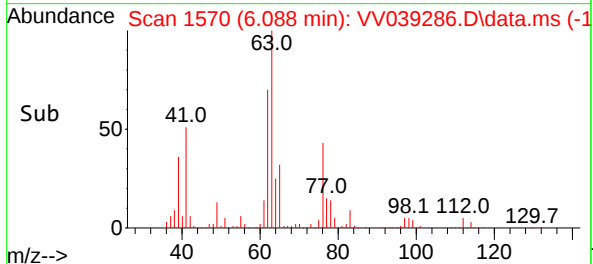
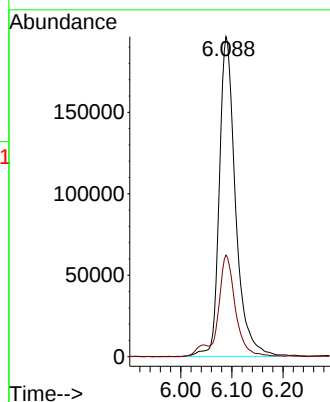
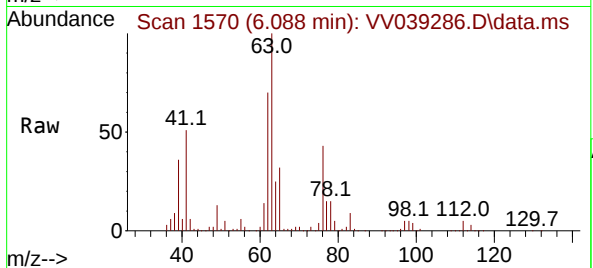




#45
1,2-Dichloropropane
Concen: 49.244 ug/l
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

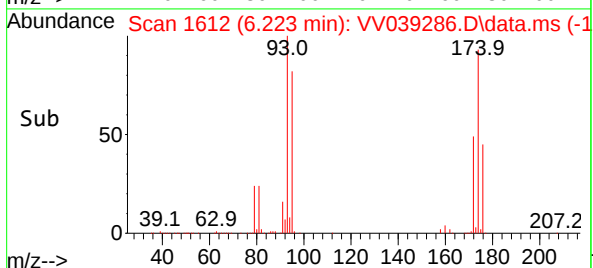
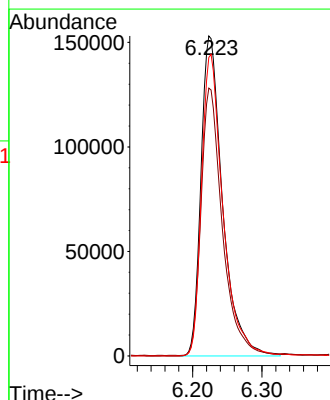
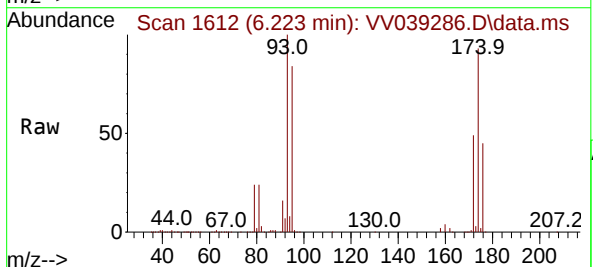
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

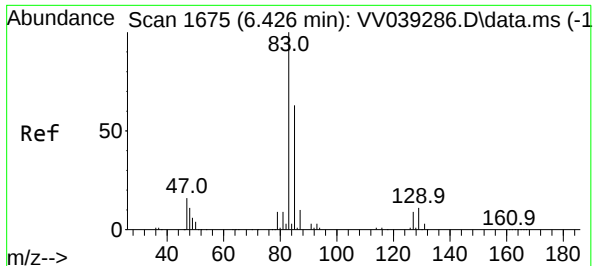
Tgt Ion: 63 Resp: 432860
Ion Ratio Lower Upper
63 100
65 31.8 25.4 38.2



#46
Dibromomethane
Concen: 45.141 ug/l
RT: 6.223 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Tgt Ion: 93 Resp: 331656
Ion Ratio Lower Upper
93 100
95 82.0 65.6 98.4
174 93.3 74.6 112.0

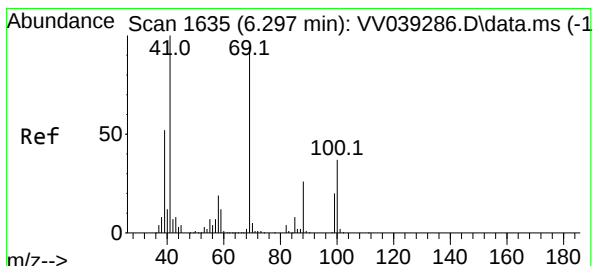
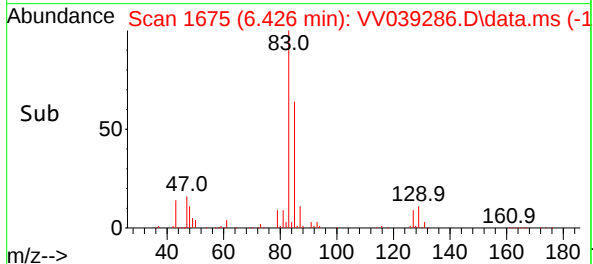
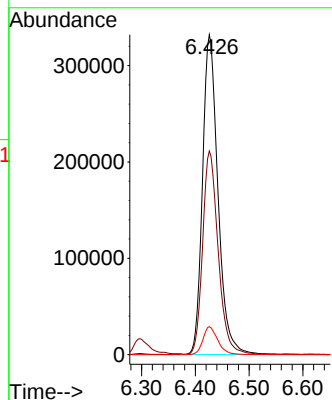
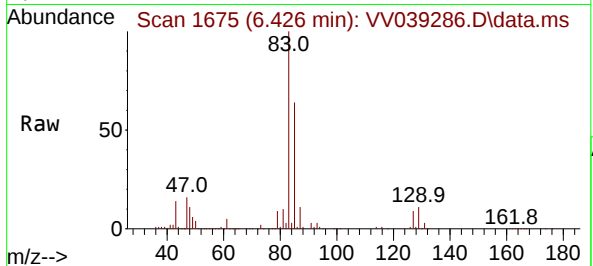




#47
Bromodichloromethane
Concen: 45.783 ug/l
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

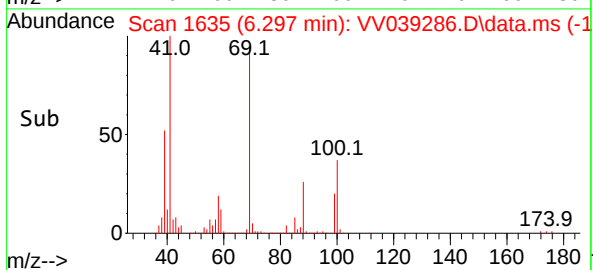
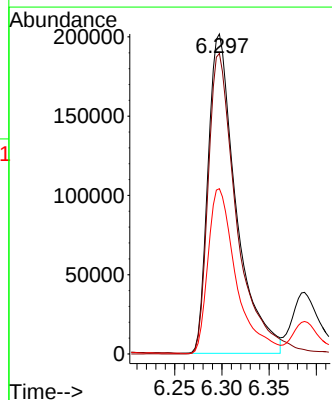
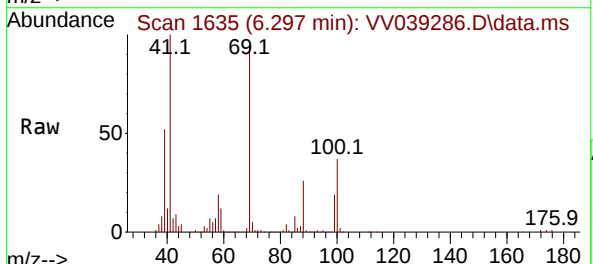
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

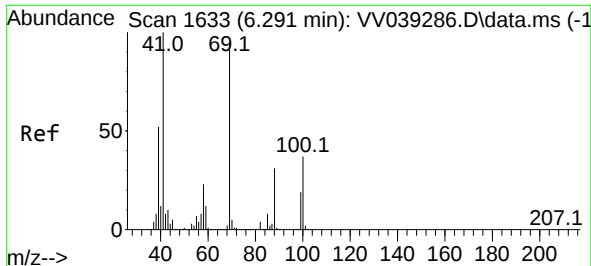
Tgt Ion: 83 Resp: 662775
Ion Ratio Lower Upper
83 100
85 63.6 50.9 76.3
127 8.8 7.0 10.6



#48
Methyl methacrylate
Concen: 51.925 ug/l
RT: 6.297 min Scan# 1635
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Tgt Ion: 41 Resp: 415059
Ion Ratio Lower Upper
41 100
69 96.5 77.2 115.8
39 51.7 41.4 62.0





#49

1,4-Dioxane

Concen: 998.879 ug/l

RT: 6.291 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039286.D

Acq: 07 Oct 2025 11:10

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

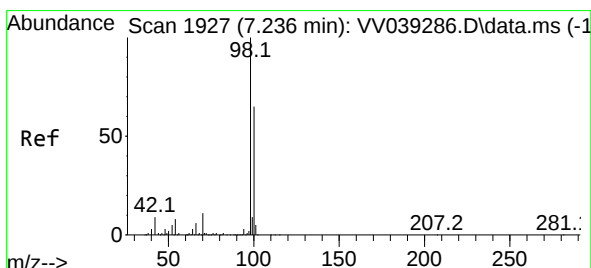
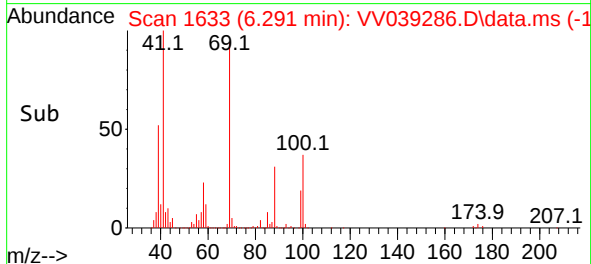
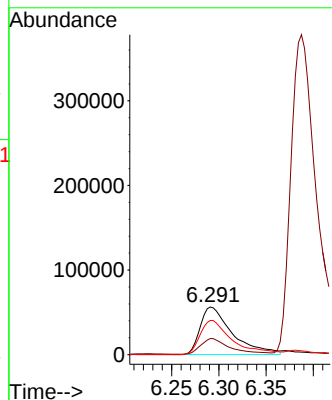
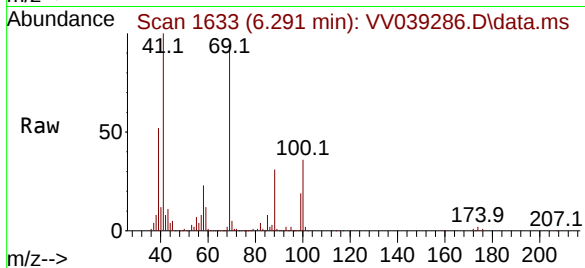
Tgt Ion: 88 Resp: 132823

Ion Ratio Lower Upper

88 100

43 30.1 24.1 36.1

58 72.0 57.6 86.4



#50

Toluene-d8

Concen: 50.485 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV039286.D

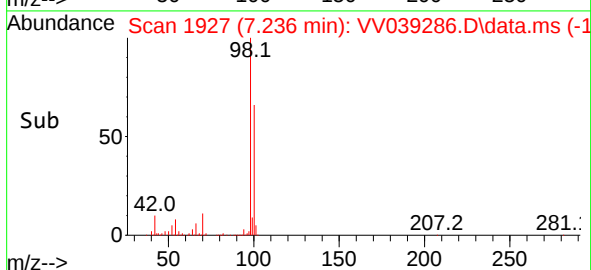
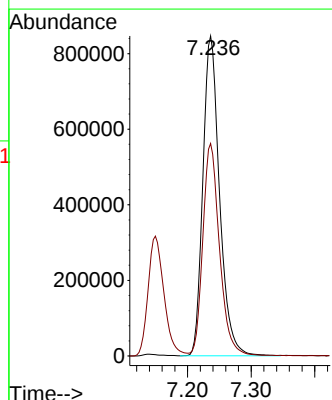
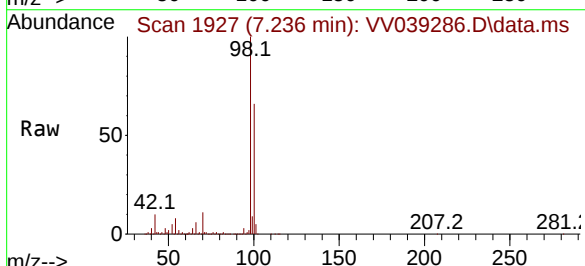
Acq: 07 Oct 2025 11:10

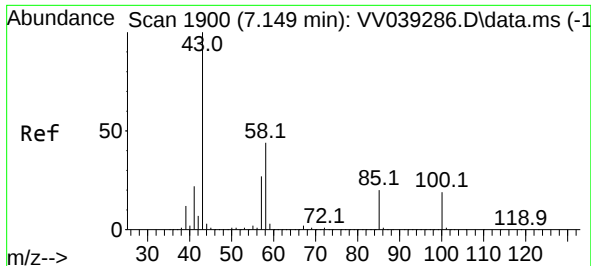
Tgt Ion: 98 Resp: 1539340

Ion Ratio Lower Upper

98 100

100 66.0 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 258.354 ug/l

RT: 7.149 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VV039286.D

Acq: 07 Oct 2025 11:10

Instrument :

MSVOA_V

ClientSampleId :

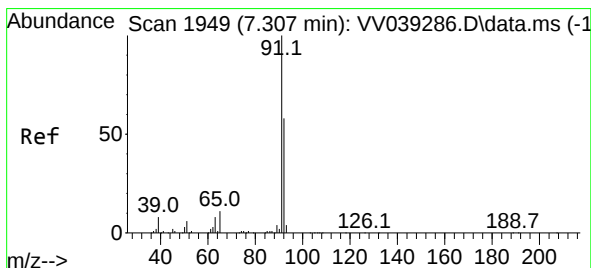
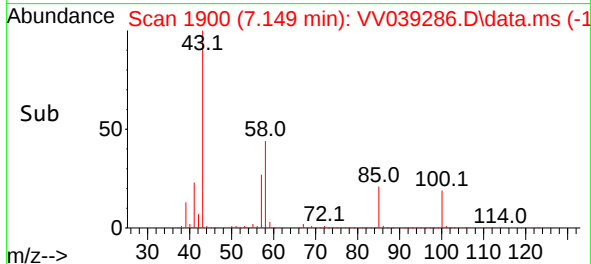
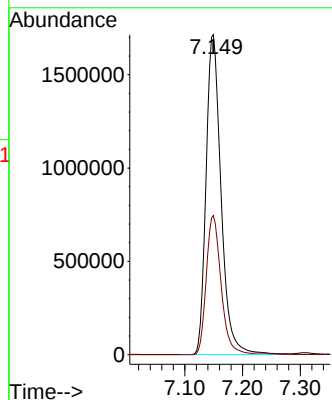
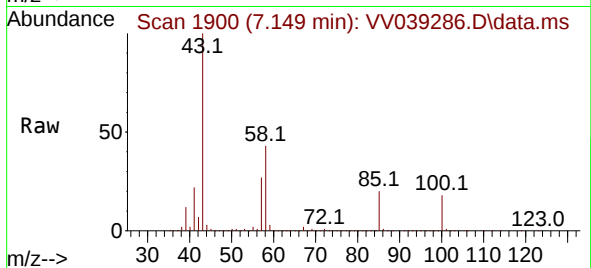
VSTDICCC050

Tgt Ion: 43 Resp: 3092633

Ion Ratio Lower Upper

43 100

58 42.8 34.2 51.4



#52

Toluene

Concen: 50.633 ug/l

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV039286.D

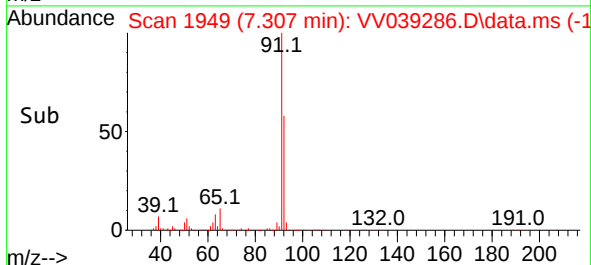
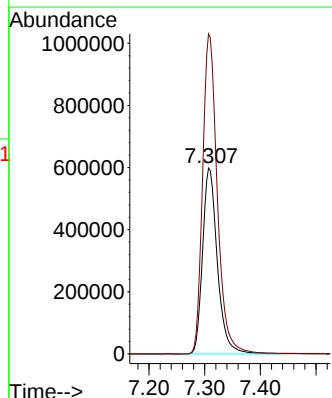
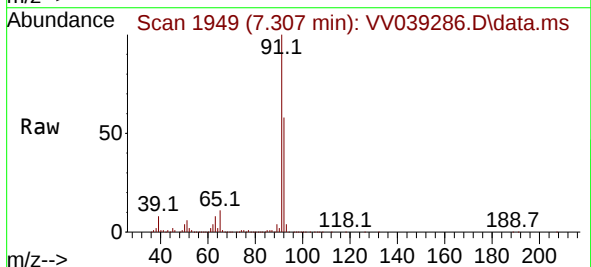
Acq: 07 Oct 2025 11:10

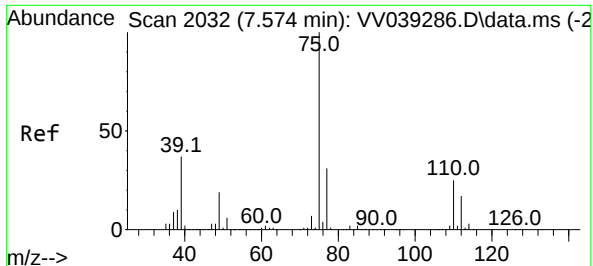
Tgt Ion: 92 Resp: 1104357

Ion Ratio Lower Upper

92 100

91 171.6 137.3 205.9

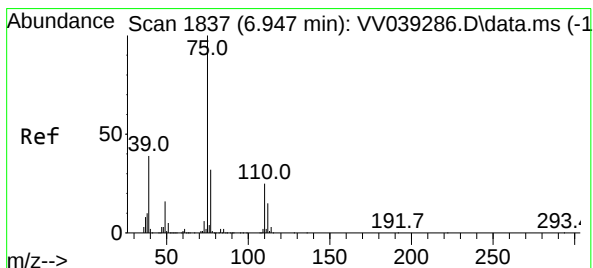
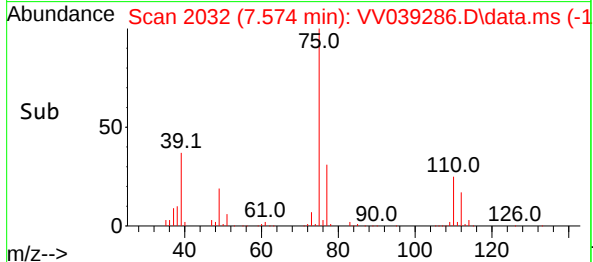
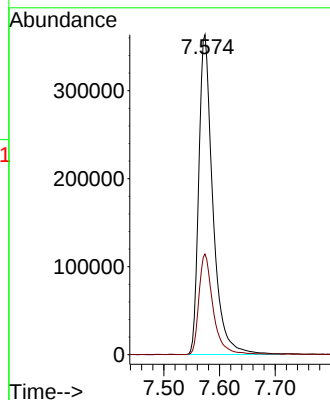
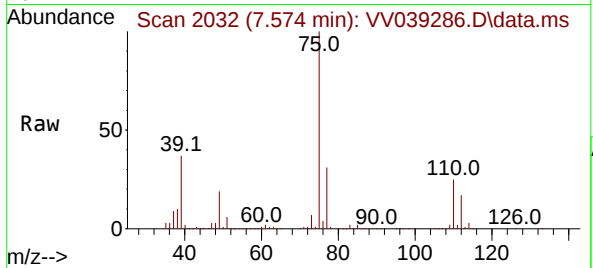




#53
 t-1,3-Dichloropropene
 Concen: 50.493 ug/l
 RT: 7.574 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VV039286.D
 Acq: 07 Oct 2025 11:10

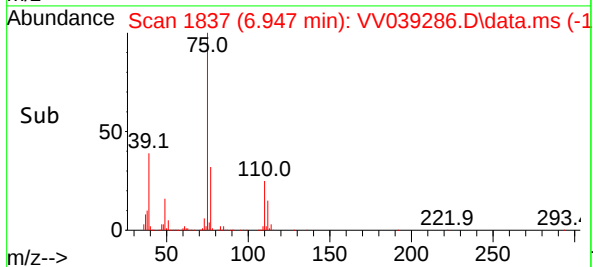
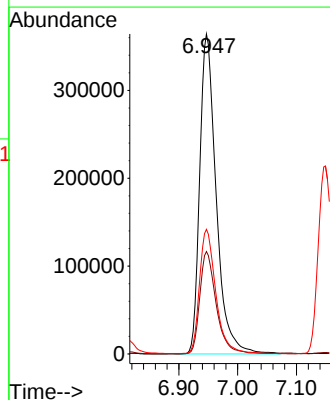
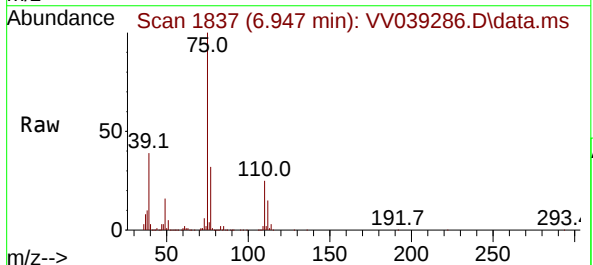
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

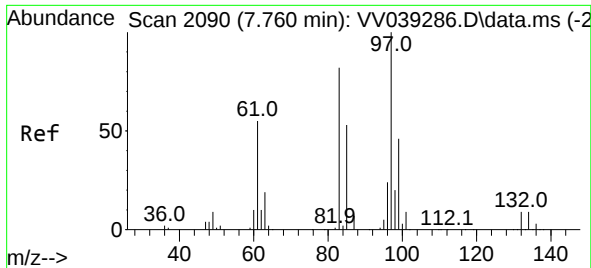
Tgt Ion: 75 Resp: 638831
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 50.309 ug/l
 RT: 6.947 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: VV039286.D
 Acq: 07 Oct 2025 11:10

Tgt Ion: 75 Resp: 707649
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.6 38.4
 39 38.8 31.0 46.6

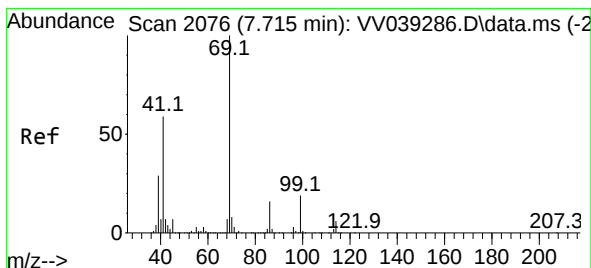
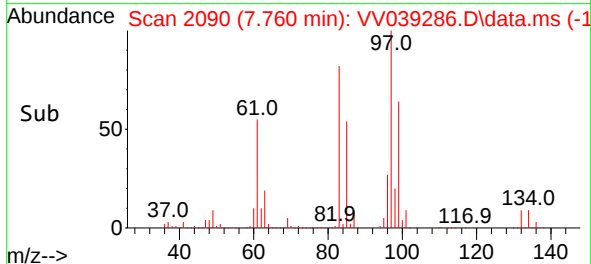
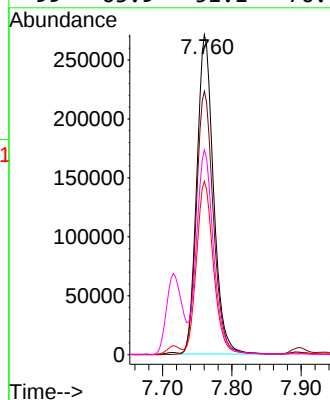
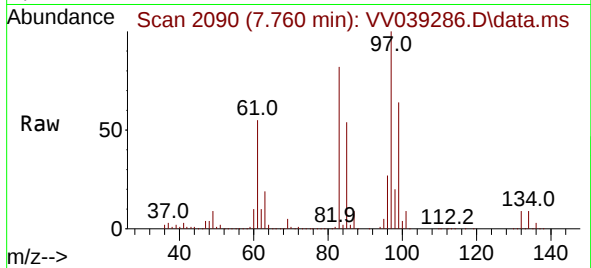




#55
1,1,2-Trichloroethane
Concen: 46.167 ug/l
RT: 7.760 min Scan# 2090
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

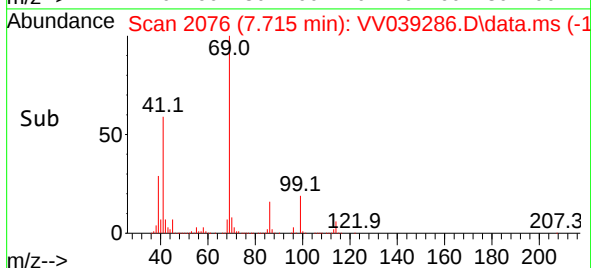
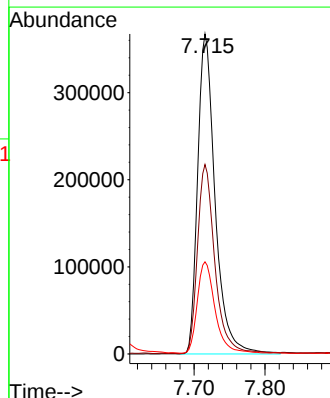
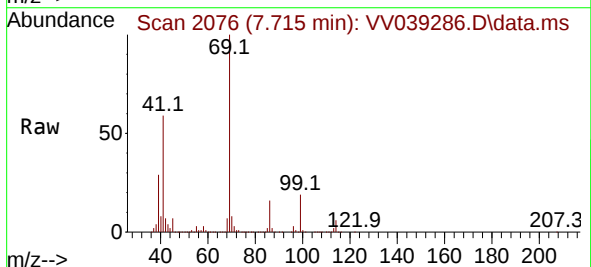
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

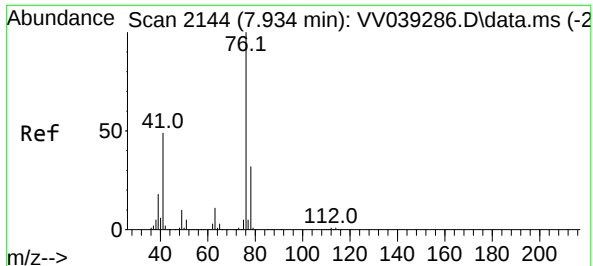
Tgt Ion:	97	Resp:	454676
Ion	Ratio	Lower	Upper
97	100		
83	82.3	65.8	98.8
85	54.1	43.3	64.9
99	63.9	51.1	76.7



#56
Ethyl methacrylate
Concen: 57.196 ug/l
RT: 7.715 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Tgt Ion:	69	Resp:	628899
Ion	Ratio	Lower	Upper
69	100		
41	58.9	47.1	70.7
39	29.0	23.2	34.8





#57

1,3-Dichloropropane

Concen: 48.704 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VV039286.D

Acq: 07 Oct 2025 11:10

Instrument :

MSVOA_V

ClientSampleId :

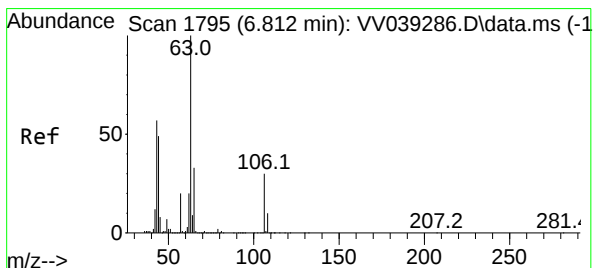
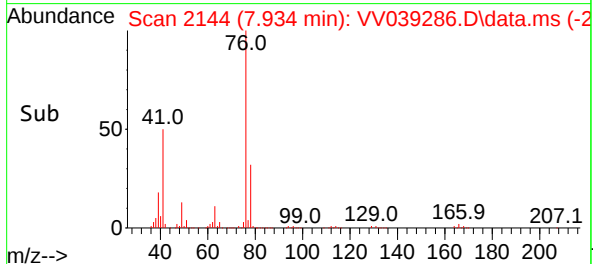
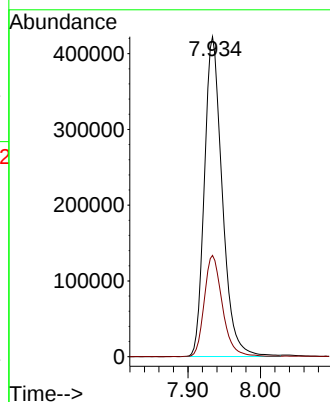
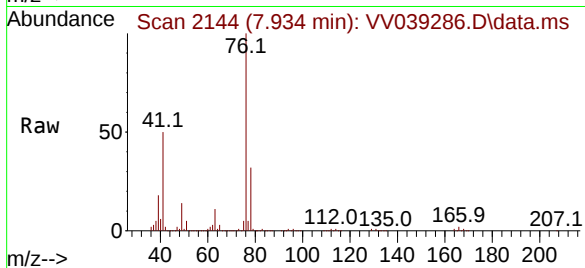
VSTDICCC050

Tgt Ion: 76 Resp: 723830

Ion Ratio Lower Upper

76 100

78 32.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 251.146 ug/l

RT: 6.812 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VV039286.D

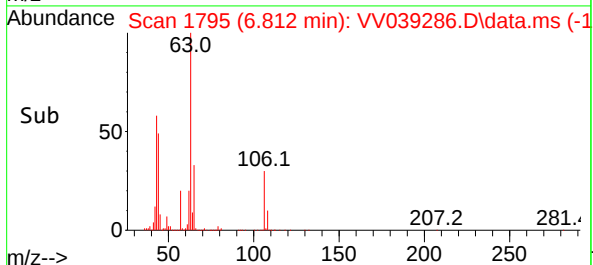
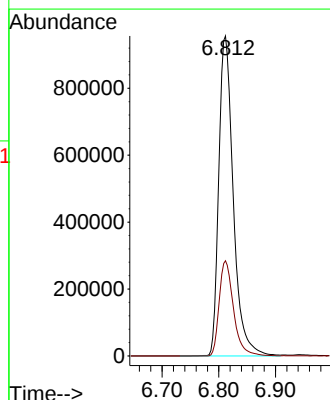
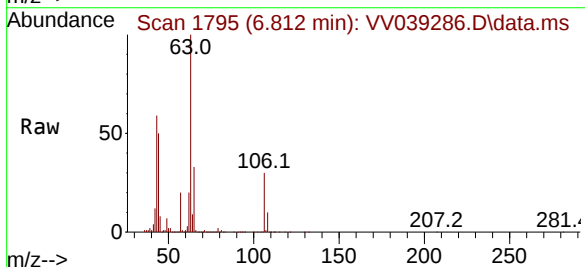
Acq: 07 Oct 2025 11:10

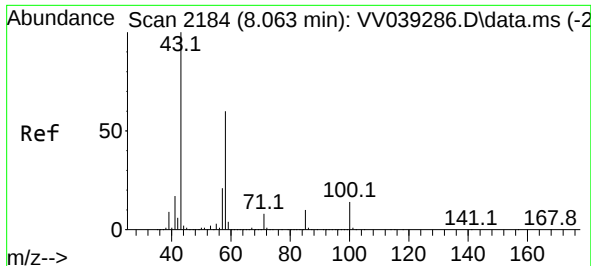
Tgt Ion: 63 Resp: 1696282

Ion Ratio Lower Upper

63 100

106 29.4 23.5 35.3





#59

2-Hexanone

Concen: 268.024 ug/l

RT: 8.063 min Scan# 2184

Delta R.T. 0.000 min

Lab File: VV039286.D

Acq: 07 Oct 2025 11:10

Instrument :

MSVOA_V

ClientSampleId :

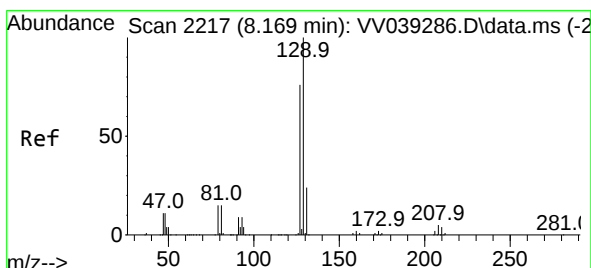
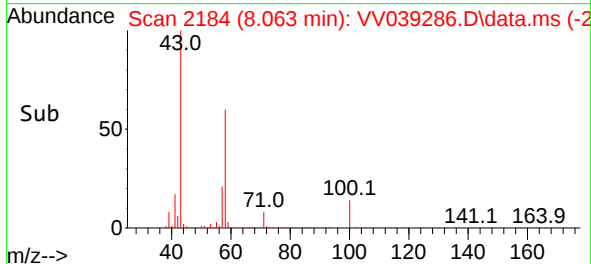
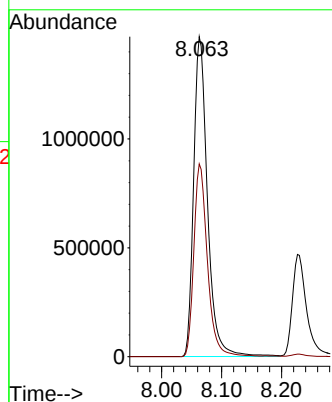
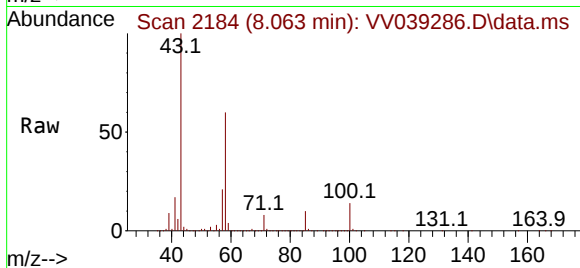
VSTDICCC050

Tgt Ion: 43 Resp: 2355430

Ion Ratio Lower Upper

43 100

58 59.3 29.6 88.9



#60

Dibromochloromethane

Concen: 46.348 ug/l

RT: 8.169 min Scan# 2217

Delta R.T. 0.000 min

Lab File: VV039286.D

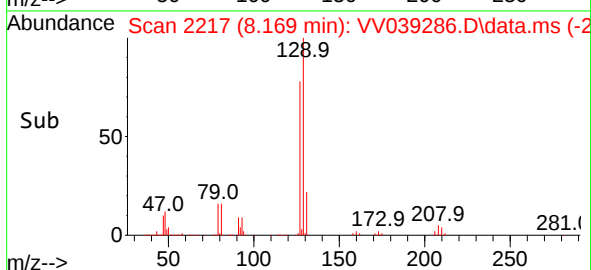
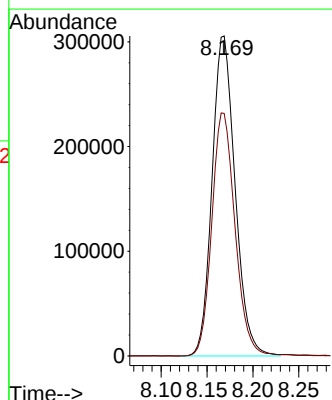
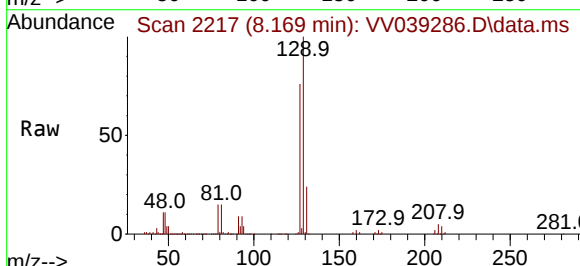
Acq: 07 Oct 2025 11:10

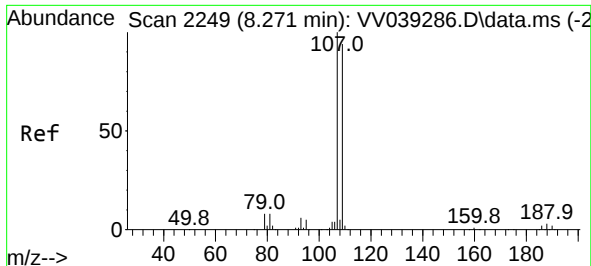
Tgt Ion: 129 Resp: 533708

Ion Ratio Lower Upper

129 100

127 76.7 38.4 115.1

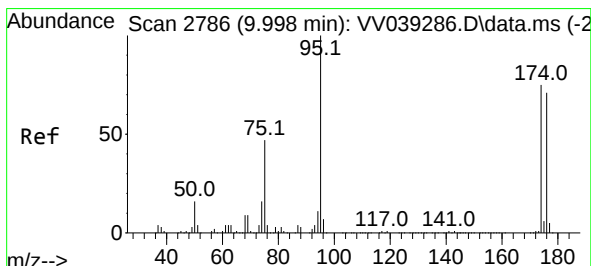
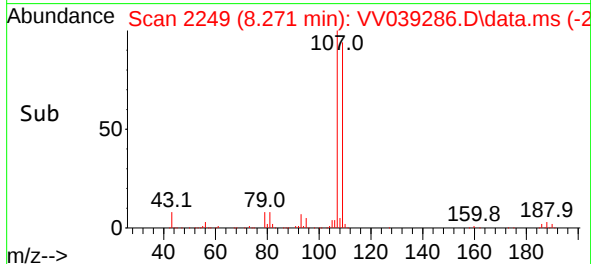
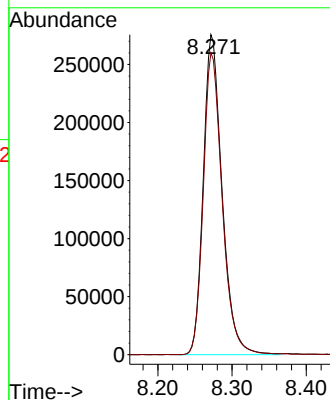
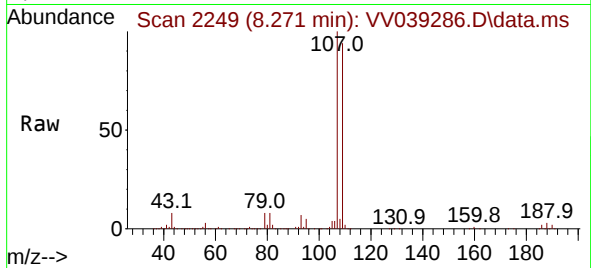




#61
1,2-Dibromoethane
Concen: 47.323 ug/l
RT: 8.271 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

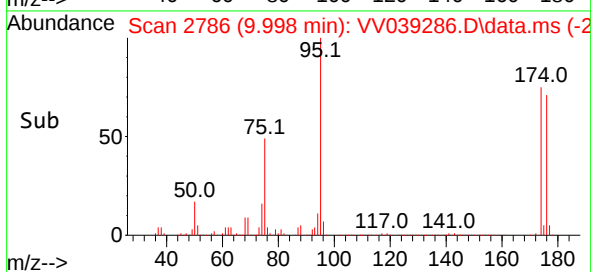
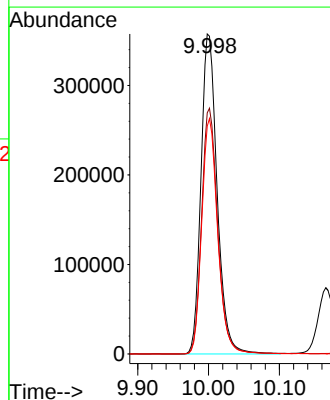
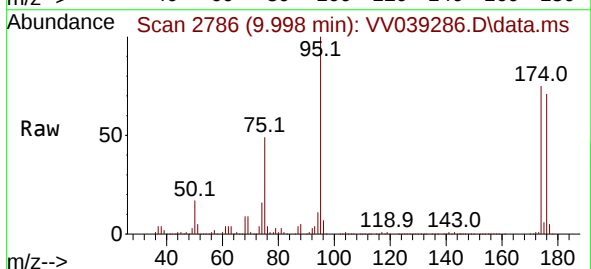
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

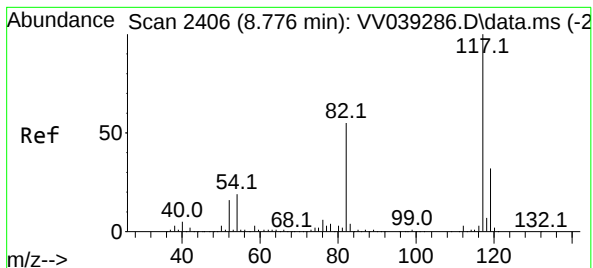
Tgt Ion:107 Resp: 485299
Ion Ratio Lower Upper
107 100
109 94.7 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 52.159 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Tgt Ion: 95 Resp: 566407
Ion Ratio Lower Upper
95 100
174 76.8 0.0 153.6
176 73.0 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: VV039286.D

Acq: 07 Oct 2025 11:10

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

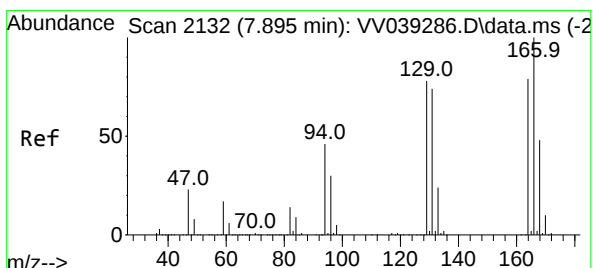
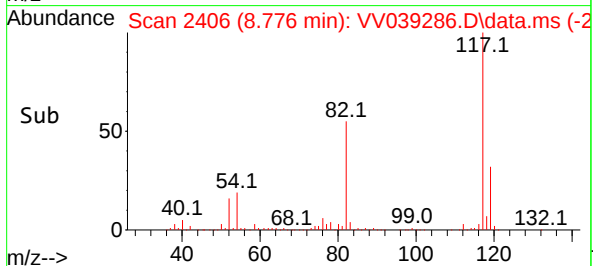
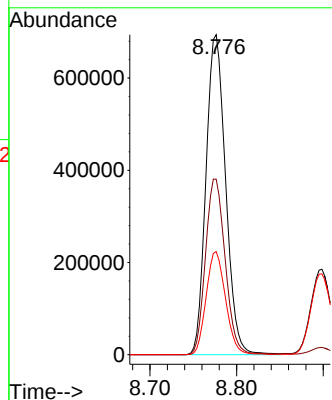
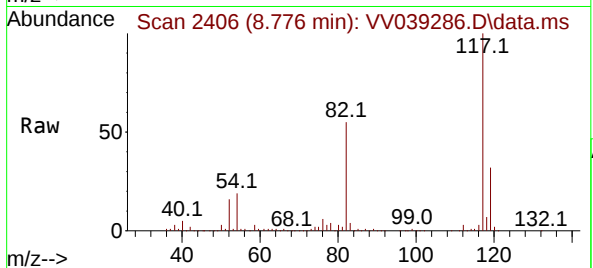
Tgt Ion:117 Resp: 1093562

Ion Ratio Lower Upper

117 100

82 54.8 43.8 65.8

119 32.2 25.8 38.6



#64

Tetrachloroethene

Concen: 47.105 ug/l

RT: 7.895 min Scan# 2132

Delta R.T. 0.000 min

Lab File: VV039286.D

Acq: 07 Oct 2025 11:10

Tgt Ion:164 Resp: 375765

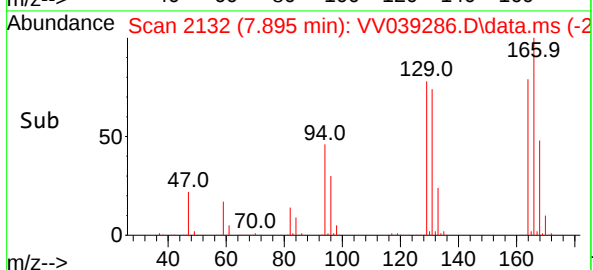
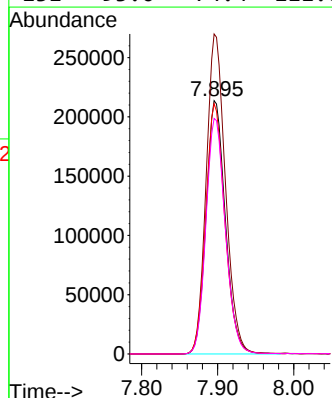
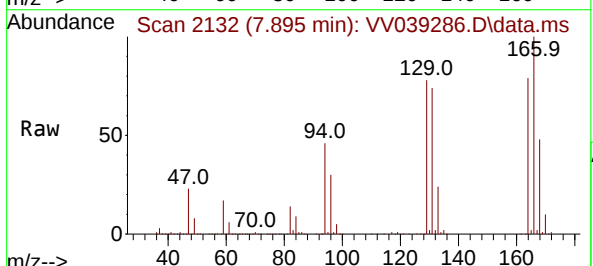
Ion Ratio Lower Upper

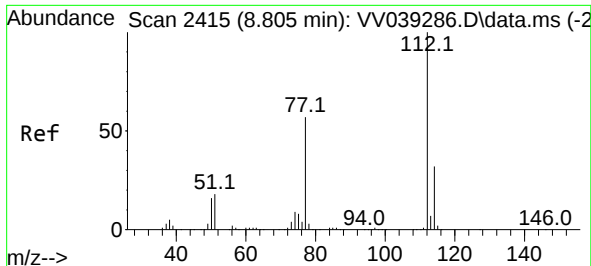
164 100

166 126.3 101.0 151.6

129 98.8 79.0 118.6

131 93.0 74.4 111.6

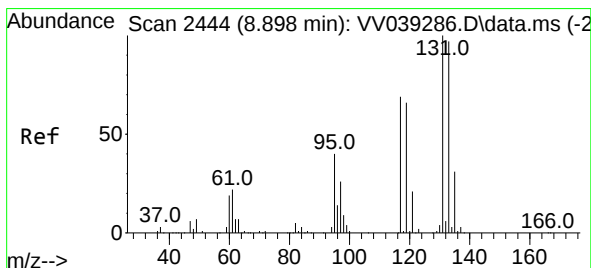
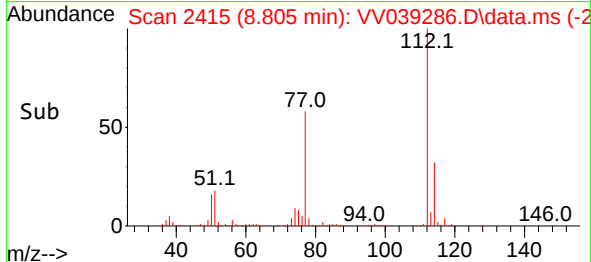
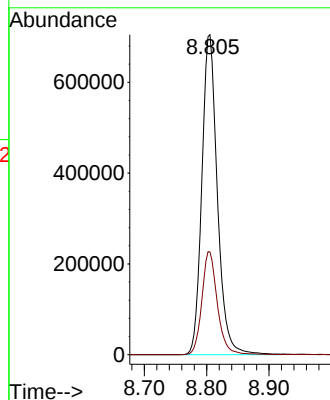
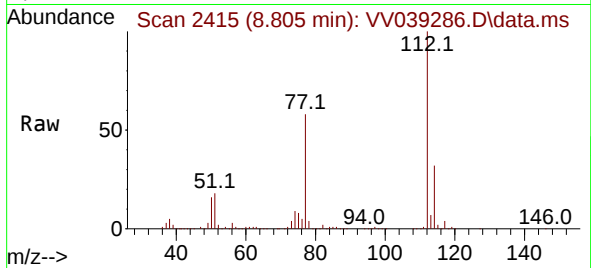




#65
Chlorobenzene
Concen: 47.158 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

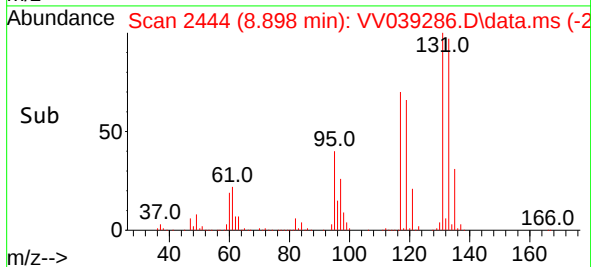
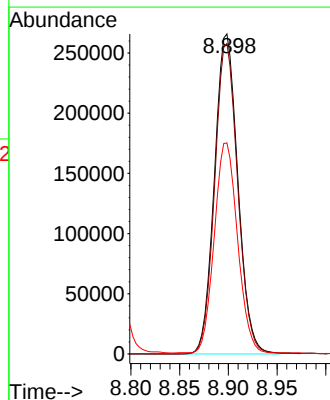
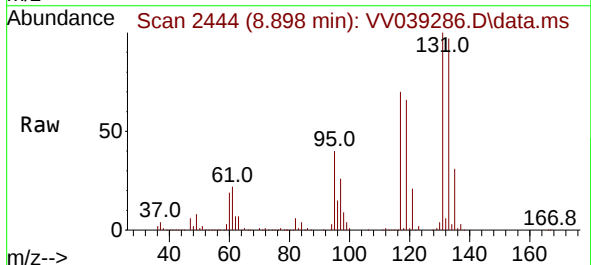
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

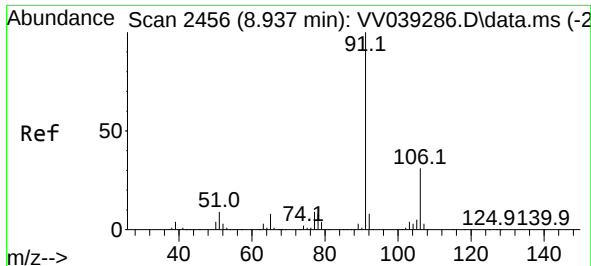
Tgt Ion:112 Resp: 1220837
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 45.895 ug/l
RT: 8.898 min Scan# 2444
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Tgt Ion:131 Resp: 445040
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.3
119 65.4 32.7 98.1

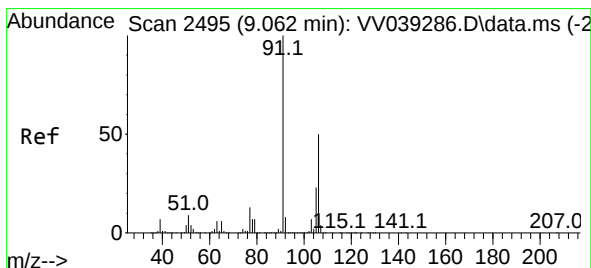
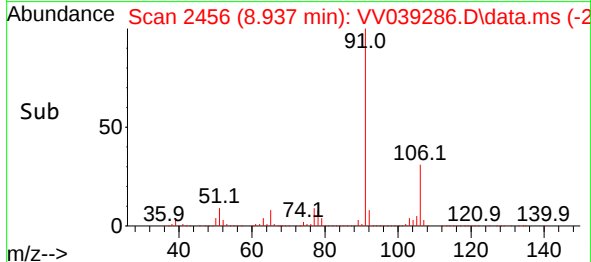
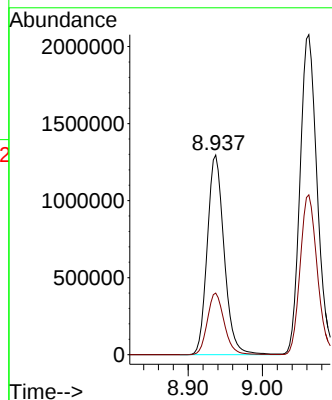
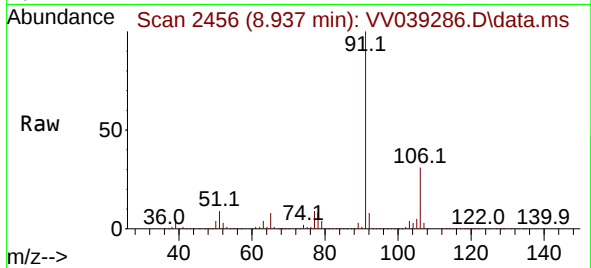




#67
Ethyl Benzene
Concen: 53.520 ug/l
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

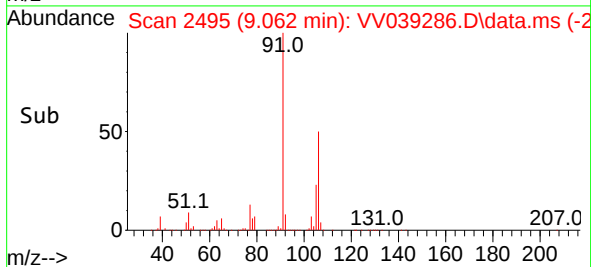
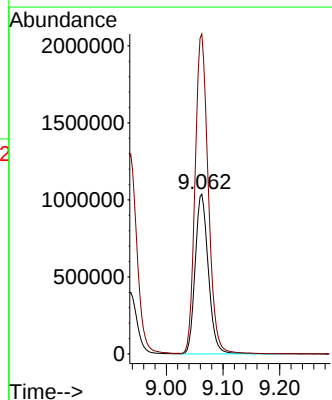
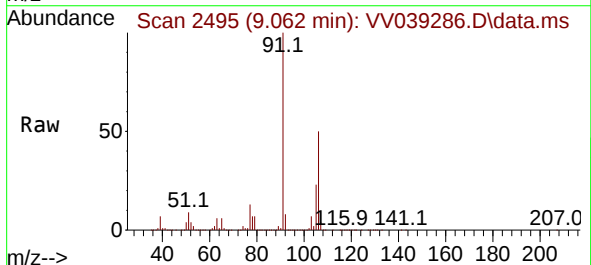
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

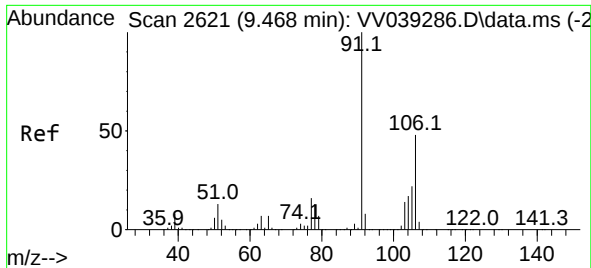
Tgt Ion: 91 Resp: 2040911
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0



#68
m/p-Xylenes
Concen: 110.475 ug/l
RT: 9.062 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Tgt Ion: 106 Resp: 1670888
Ion Ratio Lower Upper
106 100
91 200.2 160.2 240.2

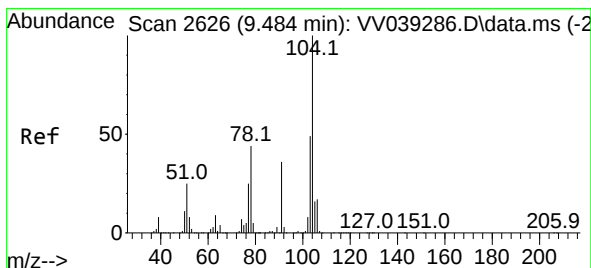
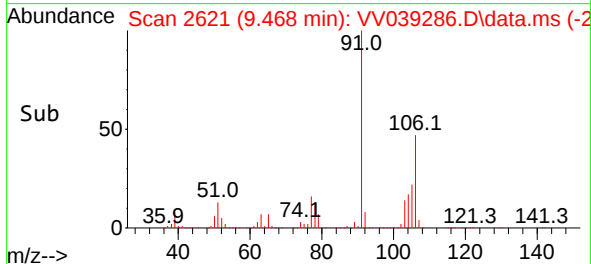
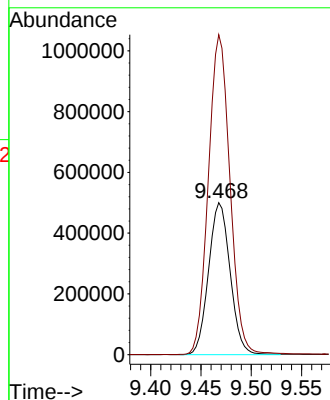
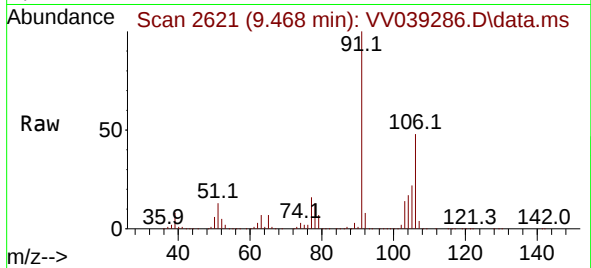




#69
o-Xylene
Concen: 55.823 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

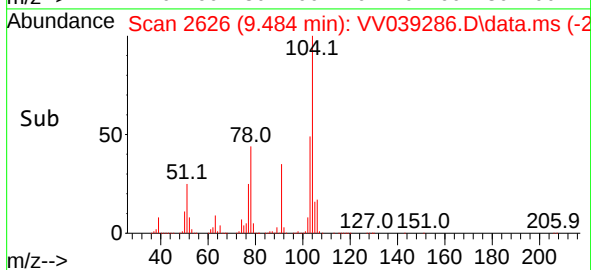
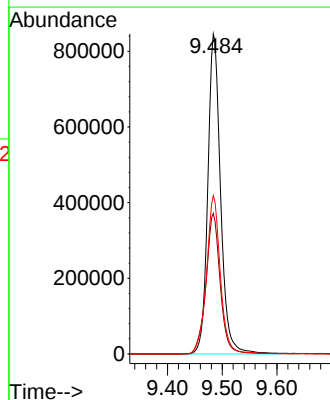
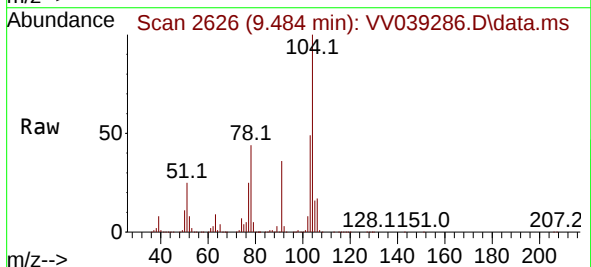
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

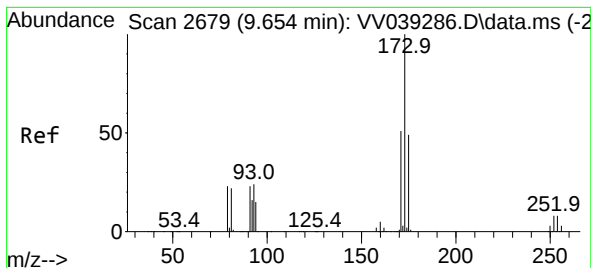
Tgt Ion:106 Resp: 745603
Ion Ratio Lower Upper
106 100
91 211.5 105.8 317.3



#70
Styrene
Concen: 57.875 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Tgt Ion:104 Resp: 1375448
Ion Ratio Lower Upper
104 100
78 48.6 38.9 58.3
103 53.6 42.9 64.3





#71

Bromoform

Concen: 47.379 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV039286.D

Acq: 07 Oct 2025 11:10

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

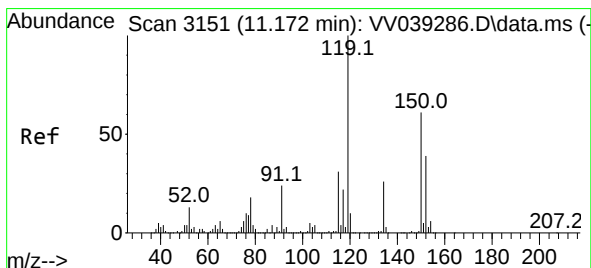
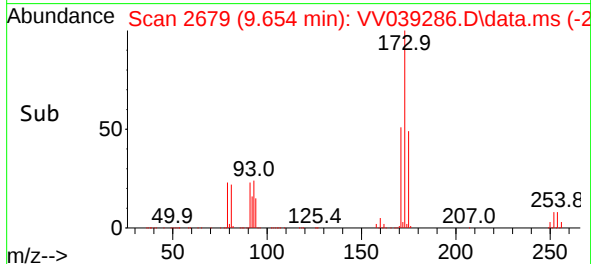
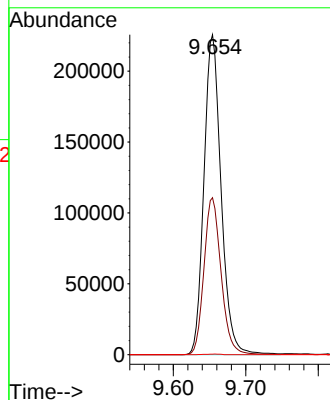
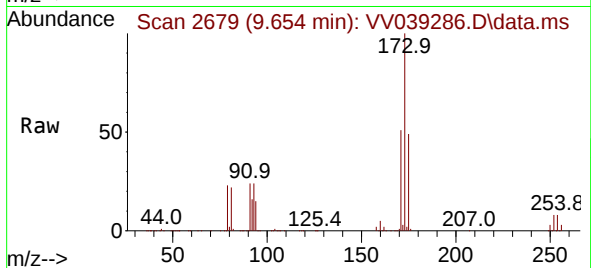
Tgt Ion:173 Resp: 371541

Ion Ratio Lower Upper

173 100

175 49.1 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: VV039286.D

Acq: 07 Oct 2025 11:10

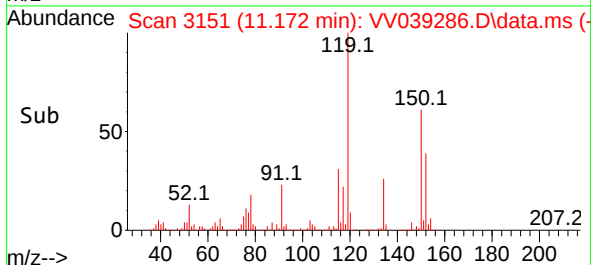
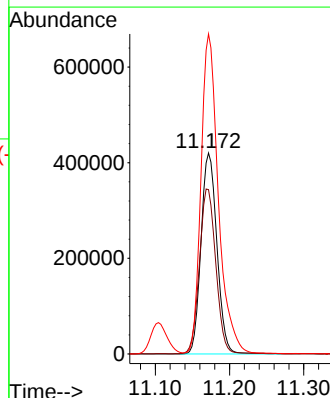
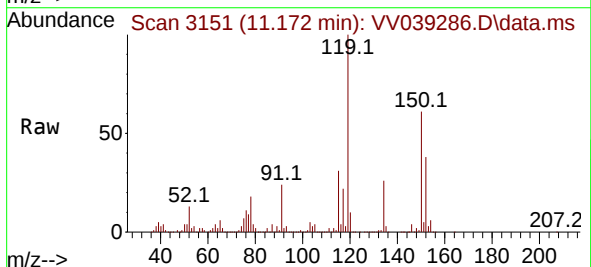
Tgt Ion:152 Resp: 625297

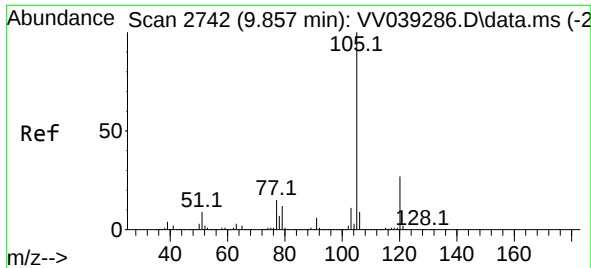
Ion Ratio Lower Upper

152 100

115 84.5 42.3 126.8

150 174.0 0.0 348.0

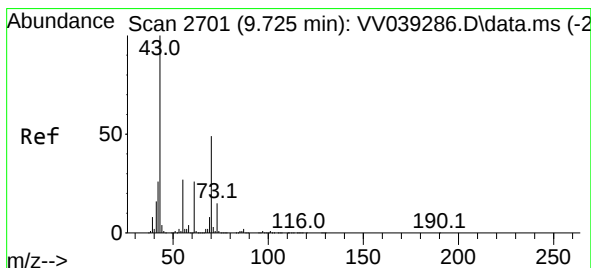
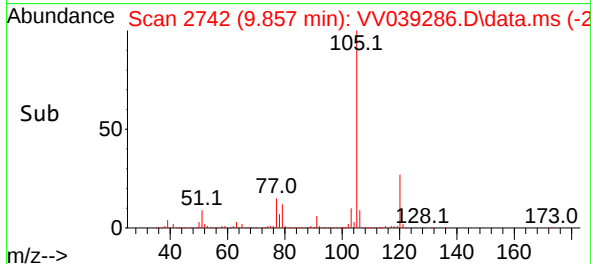
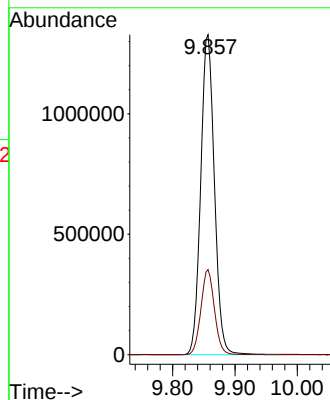
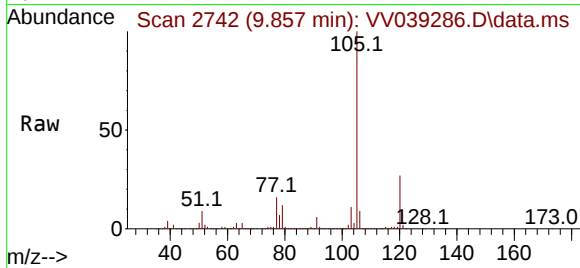




#73
Isopropylbenzene
Concen: 53.383 ug/l
RT: 9.857 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

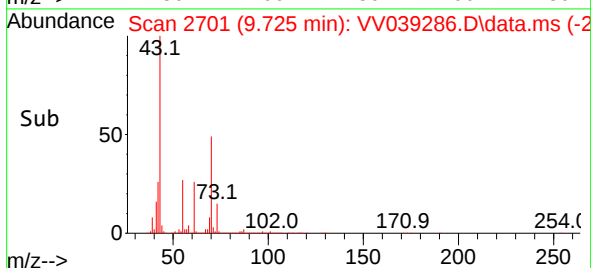
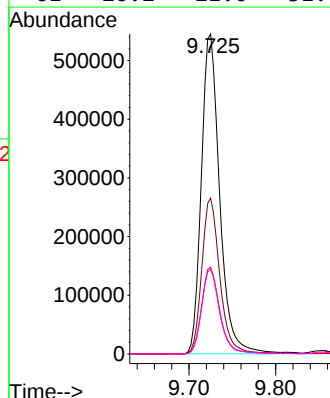
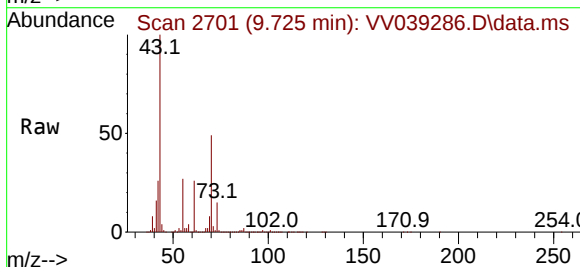
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

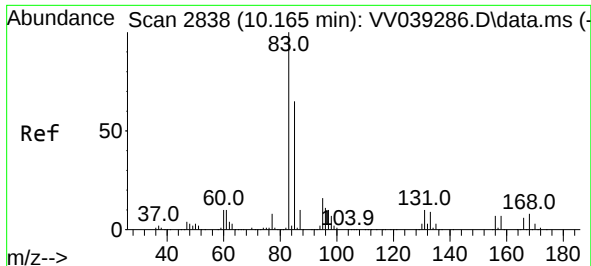
Tgt Ion:105 Resp: 2026988
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5



#74
N-ethyl acetate
Concen: 50.776 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Tgt Ion: 43 Resp: 800323
Ion Ratio Lower Upper
43 100
70 48.3 38.6 58.0
55 27.4 21.9 32.9
61 26.2 21.0 31.4

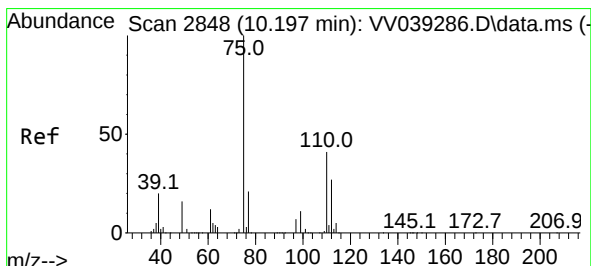
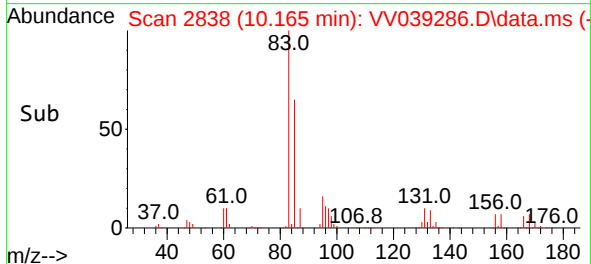
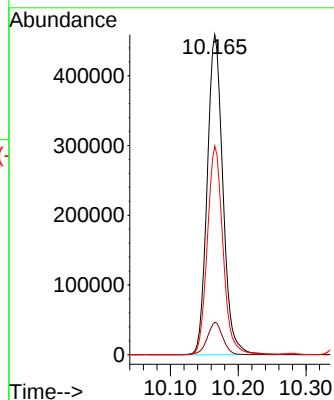
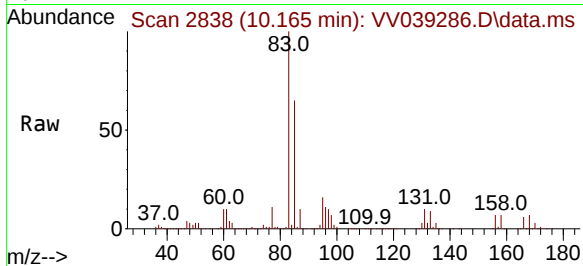




#75
1,1,2,2-Tetrachloroethane
Concen: 42.309 ug/l
RT: 10.165 min Scan# 2838
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

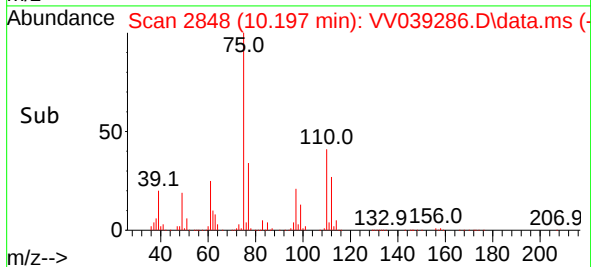
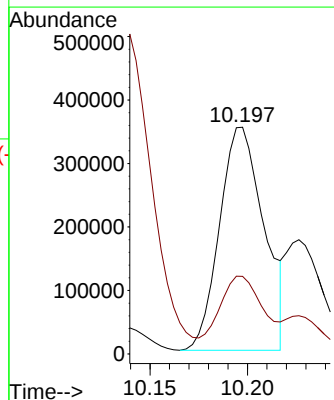
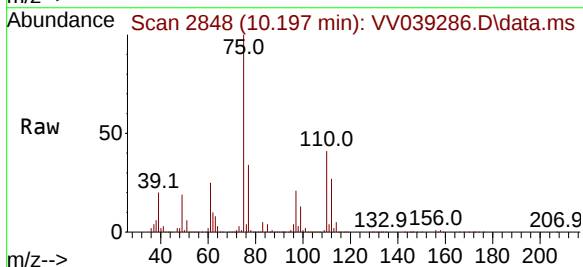
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

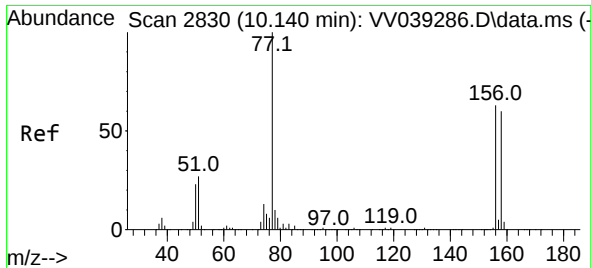
Tgt Ion: 83 Resp: 737774
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.8 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 44.704 ug/l
RT: 10.197 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Tgt Ion: 75 Resp: 557918
Ion Ratio Lower Upper
75 100
77 24.3 12.2 36.4

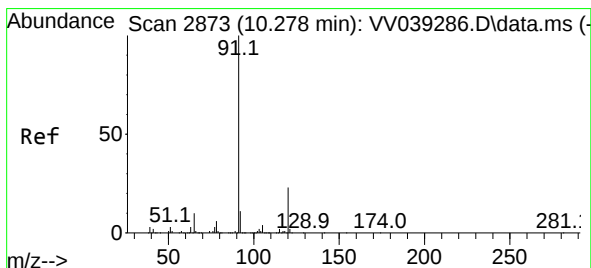
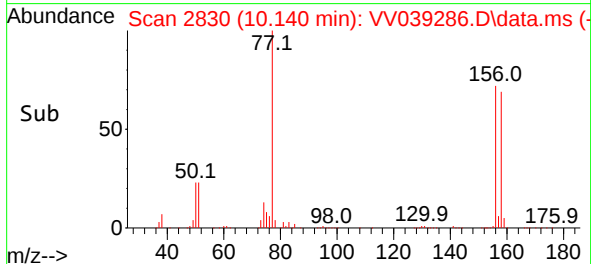
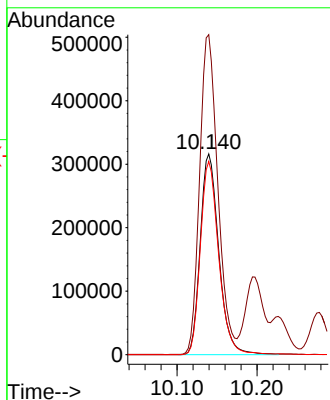
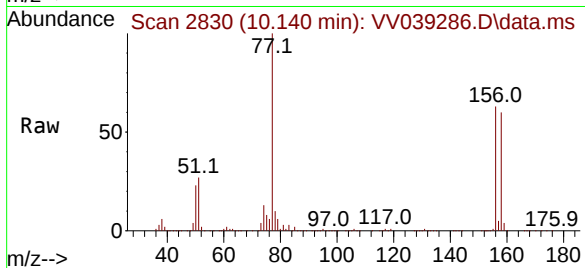




#77
Bromobenzene
Concen: 48.959 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

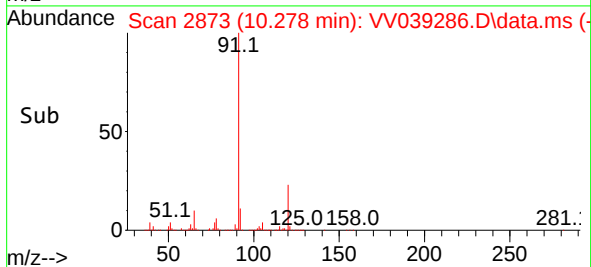
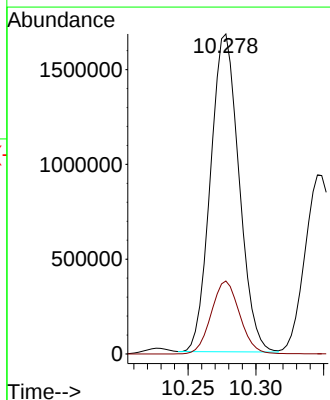
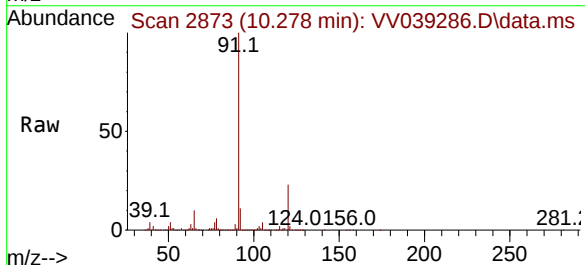
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

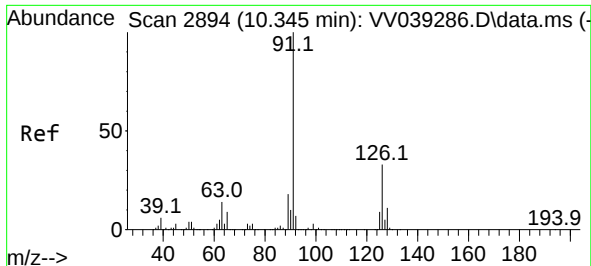
Tgt Ion:156 Resp: 511049
Ion Ratio Lower Upper
156 100
77 156.8 78.4 235.2
158 95.4 47.7 143.1



#78
n-propylbenzene
Concen: 53.335 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Tgt Ion: 91 Resp: 2457311
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.5

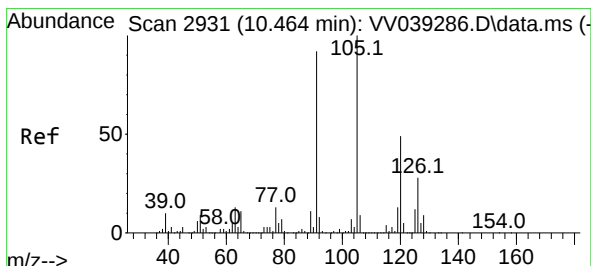
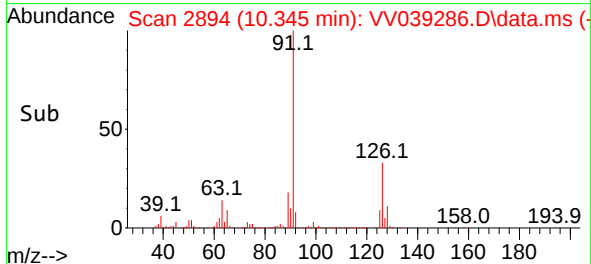
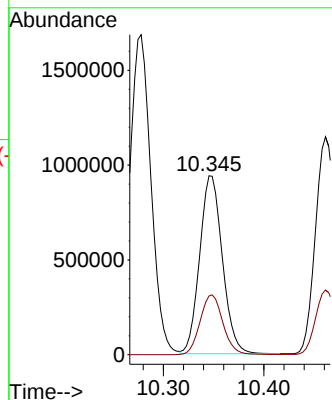
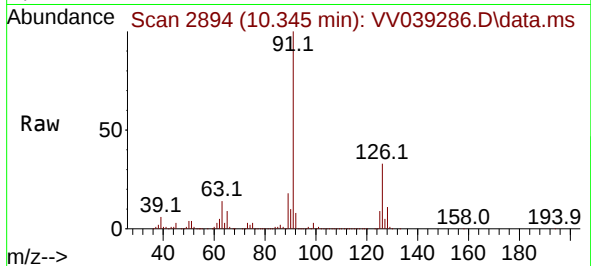




#79
2-Chlorotoluene
Concen: 51.870 ug/l
RT: 10.345 min Scan# 2894
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

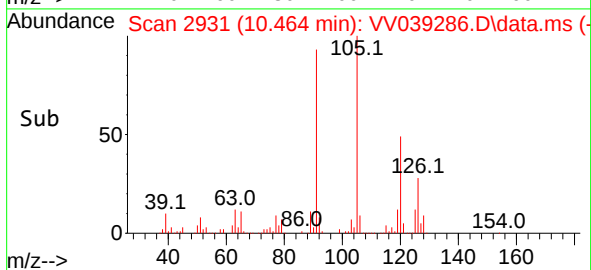
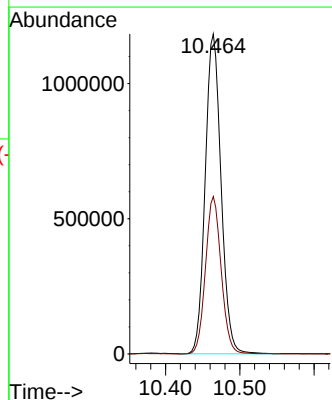
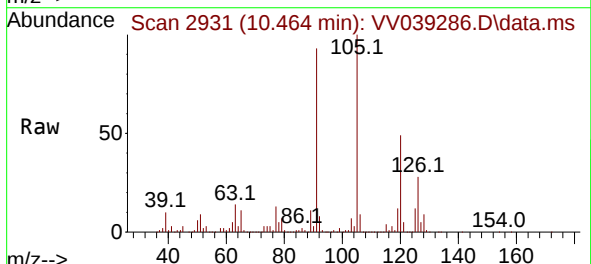
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

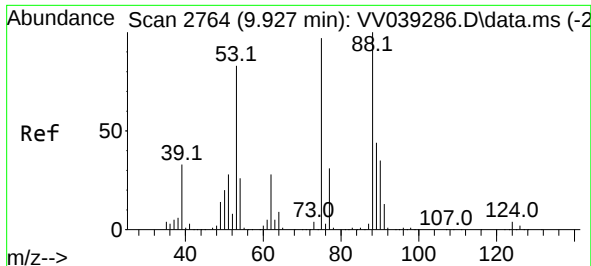
Tgt Ion: 91 Resp: 1475472
Ion Ratio Lower Upper
91 100
126 33.7 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 54.996 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Tgt Ion: 105 Resp: 1751408
Ion Ratio Lower Upper
105 100
120 48.7 24.3 73.0

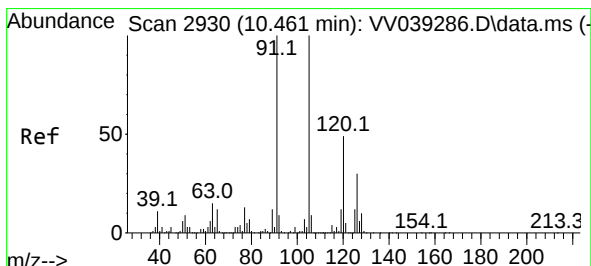
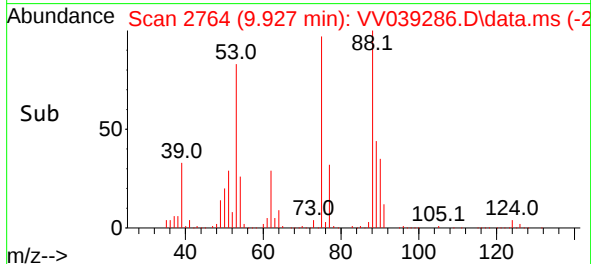
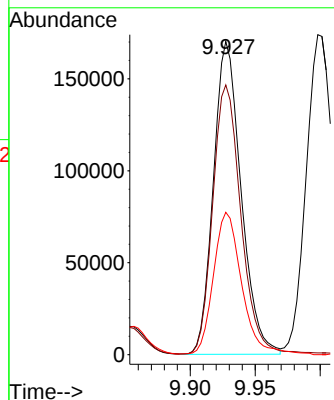
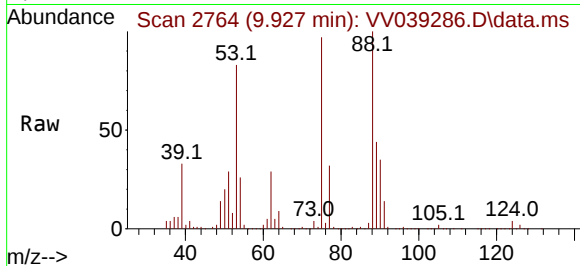




#81
trans-1,4-Dichloro-2-butene
Concen: 50.935 ug/l
RT: 9.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

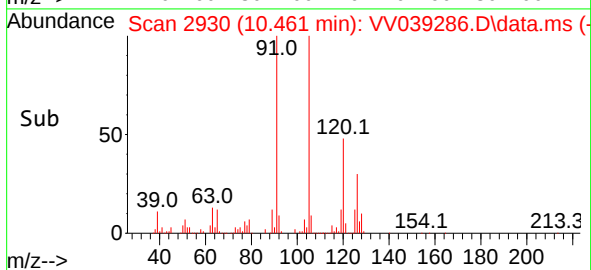
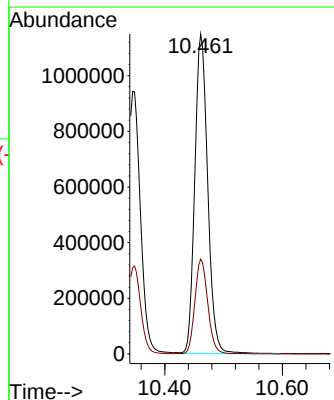
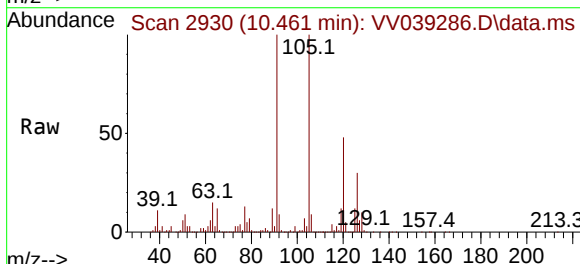
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

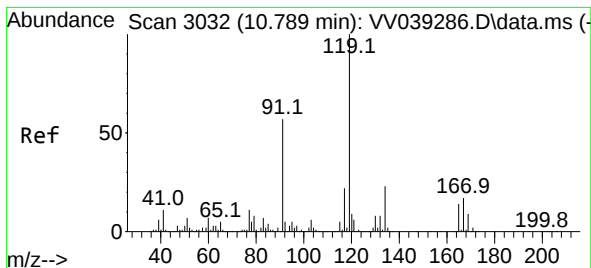
Tgt Ion: 75 Resp: 251705
Ion Ratio Lower Upper
75 100
53 87.4 69.9 104.9
89 46.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 53.481 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Tgt Ion: 91 Resp: 1748616
Ion Ratio Lower Upper
91 100
126 29.6 14.8 44.4





#83

tert-Butylbenzene

Concen: 52.491 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039286.D

Acq: 07 Oct 2025 11:10

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

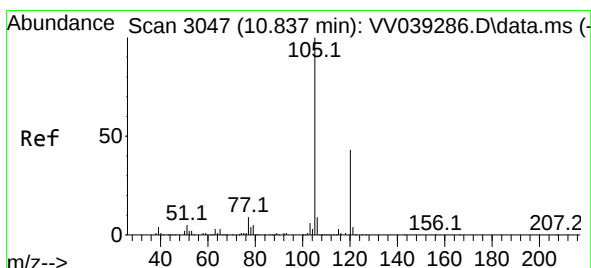
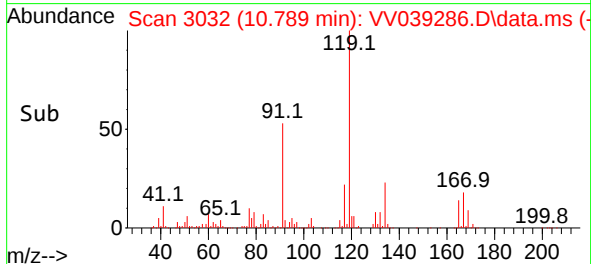
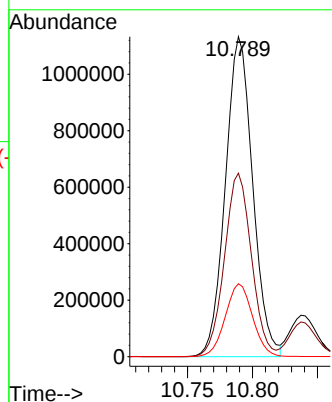
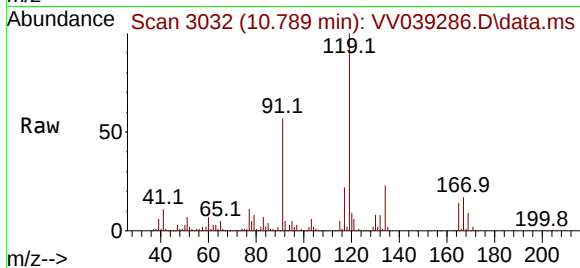
Tgt Ion:119 Resp: 1659866

Ion Ratio Lower Upper

119 100

91 56.5 28.2 84.7

134 22.9 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 55.586 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VV039286.D

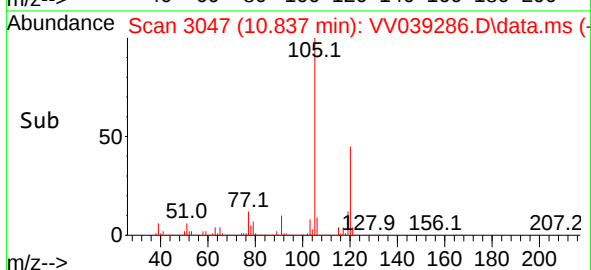
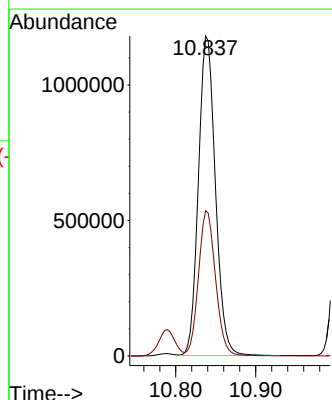
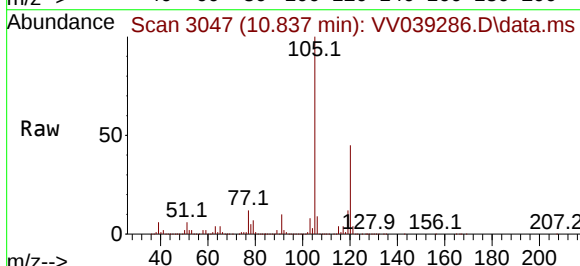
Acq: 07 Oct 2025 11:10

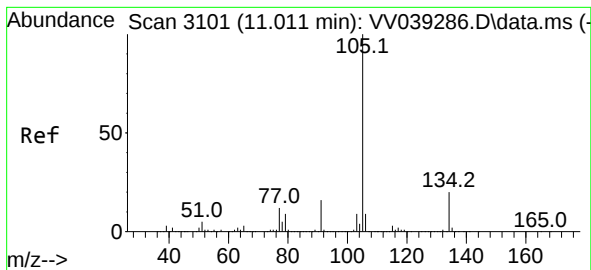
Tgt Ion:105 Resp: 1742653

Ion Ratio Lower Upper

105 100

120 45.6 22.8 68.4





#85

sec-Butylbenzene

Concen: 54.215 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV039286.D

Acq: 07 Oct 2025 11:10

Instrument :

MSVOA_V

ClientSampleId :

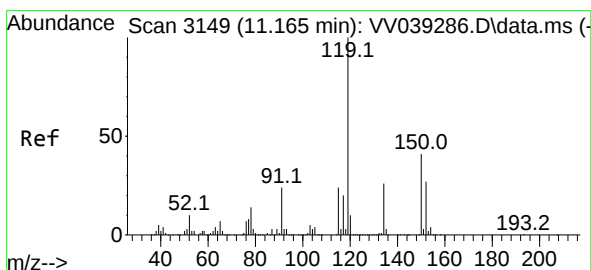
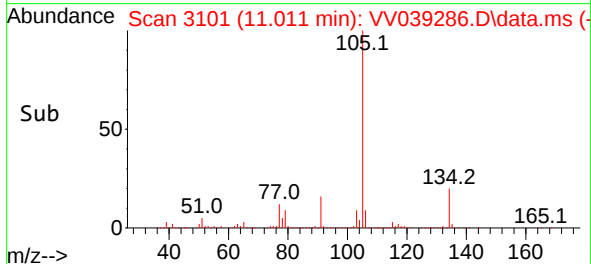
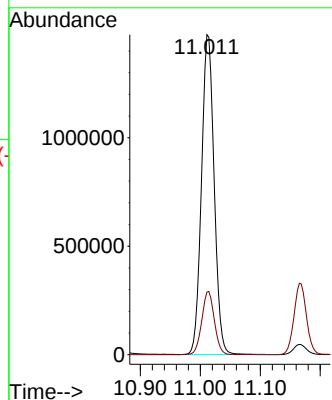
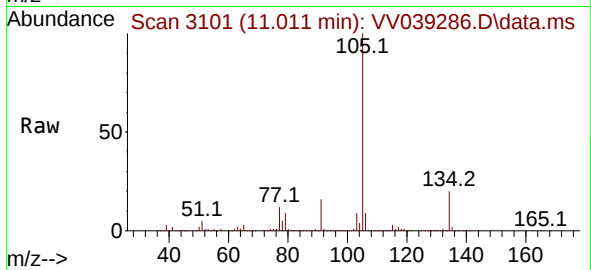
VSTDICCC050

Tgt Ion:105 Resp: 2167600

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.5



#86

p-Isopropyltoluene

Concen: 53.970 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV039286.D

Acq: 07 Oct 2025 11:10

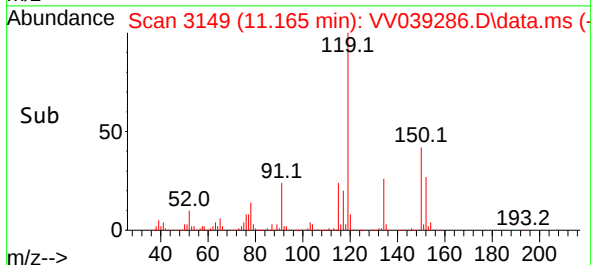
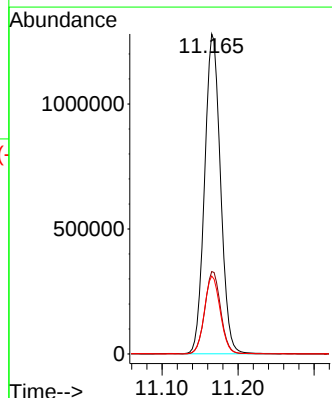
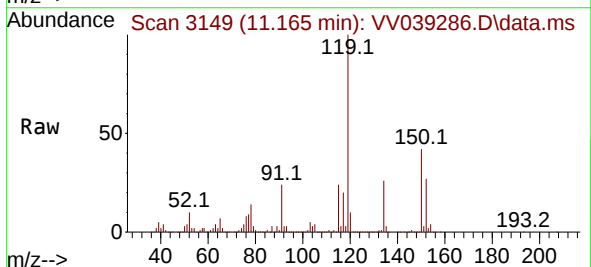
Tgt Ion:119 Resp: 1855256

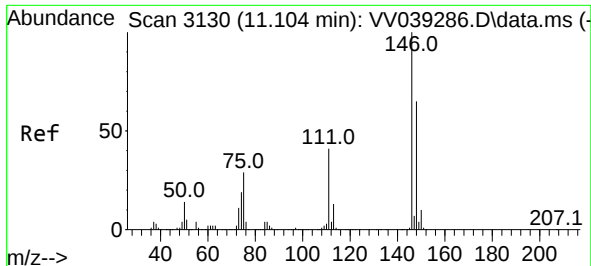
Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

91 24.3 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 48.428 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. 0.000 min

Lab File: VV039286.D

Acq: 07 Oct 2025 11:10

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

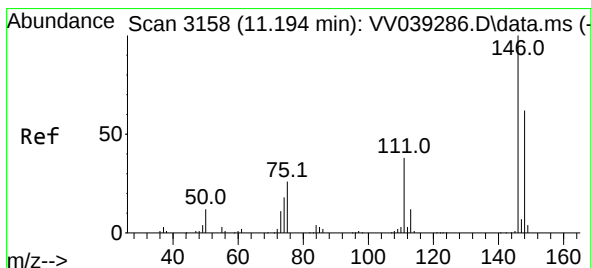
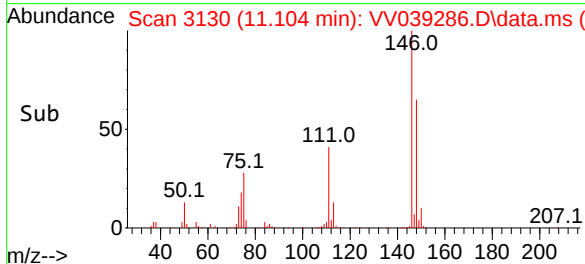
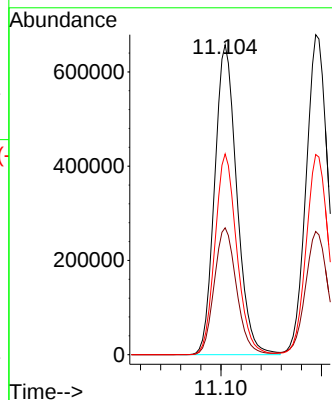
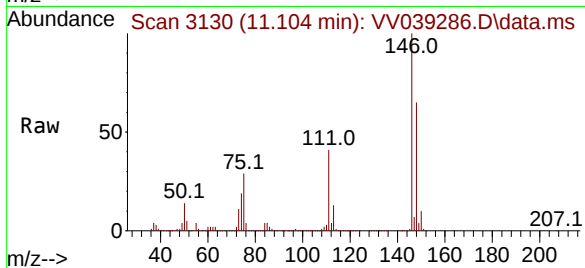
Tgt Ion:146 Resp: 1008275

Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.8

148 63.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 45.109 ug/l

RT: 11.194 min Scan# 3158

Delta R.T. 0.000 min

Lab File: VV039286.D

Acq: 07 Oct 2025 11:10

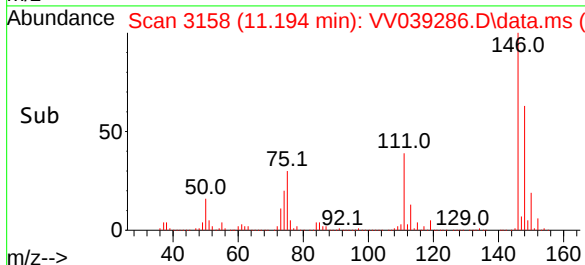
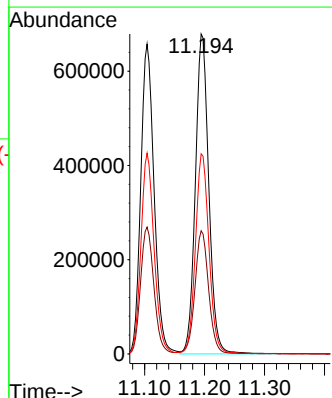
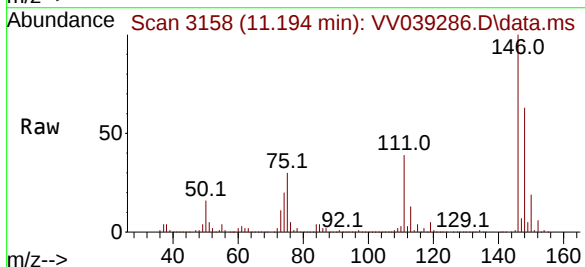
Tgt Ion:146 Resp: 1058637

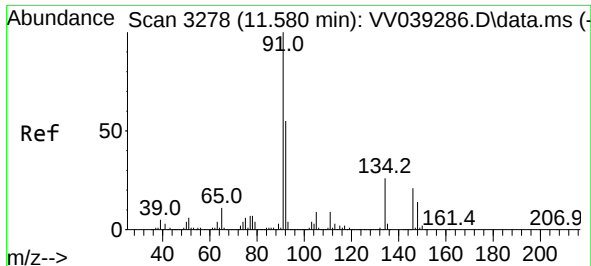
Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.0

148 63.0 31.5 94.5

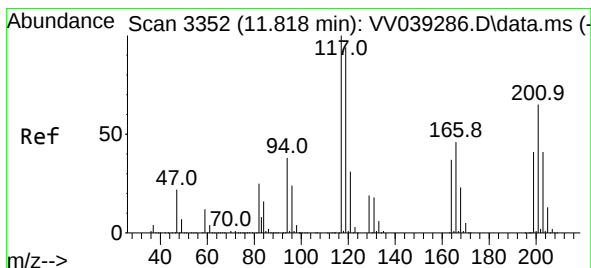
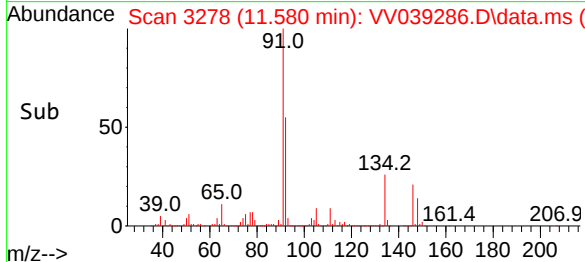
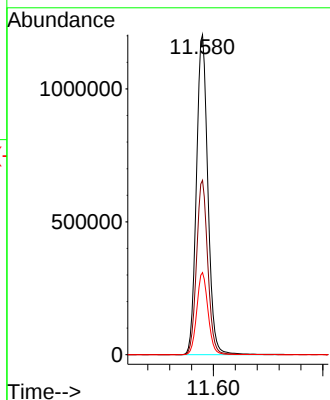
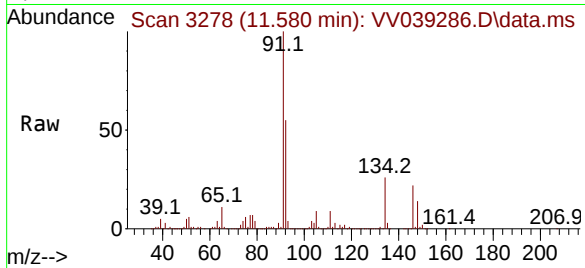




#89
n-Butylbenzene
Concen: 54.374 ug/l
RT: 11.580 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

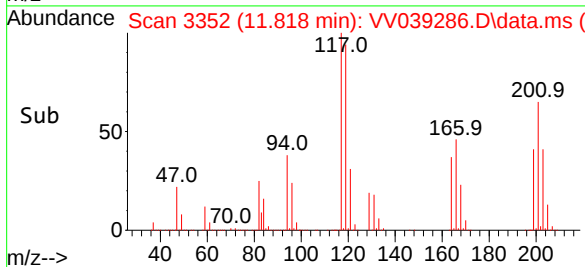
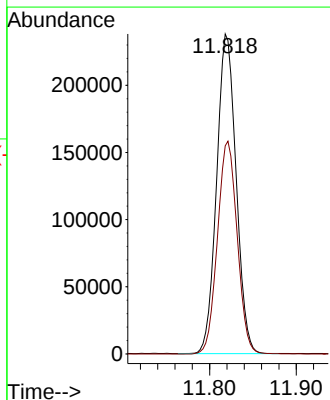
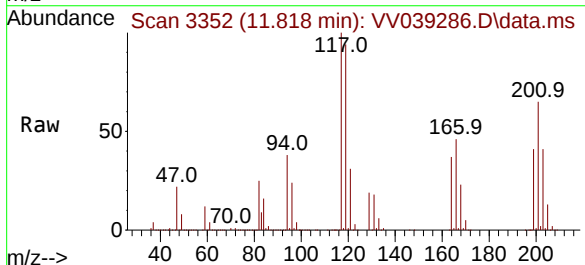
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

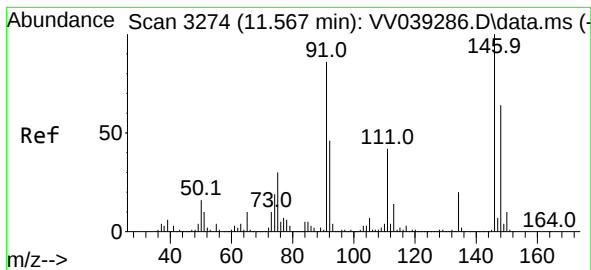
Tgt Ion: 91 Resp: 1740657
Ion Ratio Lower Upper
91 100
92 53.7 26.9 80.6
134 25.2 12.6 37.8



#90
Hexachloroethane
Concen: 43.751 ug/l
RT: 11.818 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Tgt Ion: 117 Resp: 371889
Ion Ratio Lower Upper
117 100
201 67.4 33.7 101.1





#91

1,2-Dichlorobenzene

Concen: 47.855 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039286.D

Acq: 07 Oct 2025 11:10

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

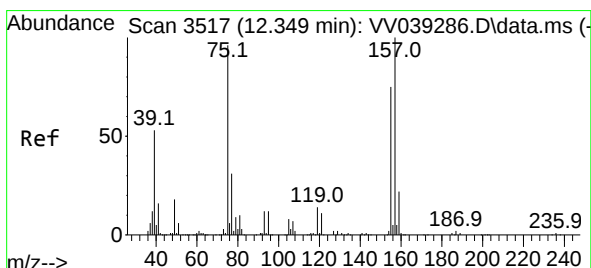
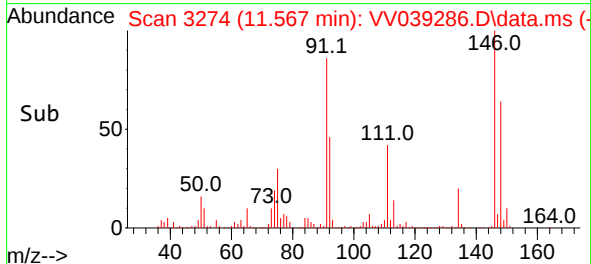
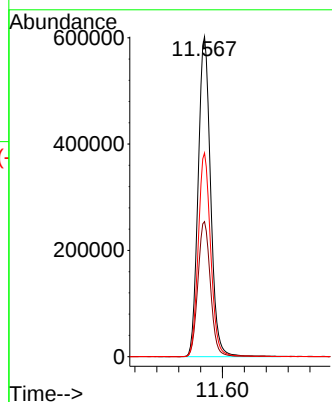
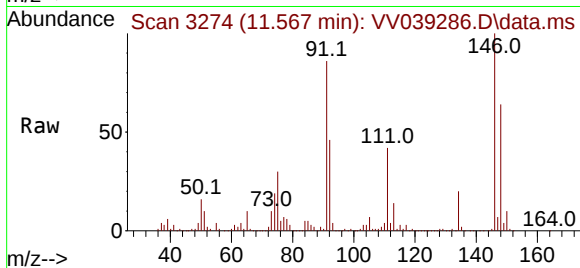
Tgt Ion:146 Resp: 947801

Ion Ratio Lower Upper

146 100

111 42.7 21.3 64.0

148 63.8 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.509 ug/l

RT: 12.349 min Scan# 3517

Delta R.T. 0.000 min

Lab File: VV039286.D

Acq: 07 Oct 2025 11:10

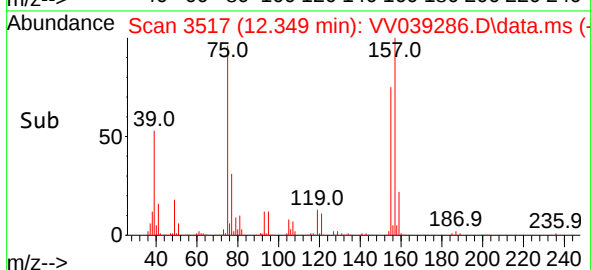
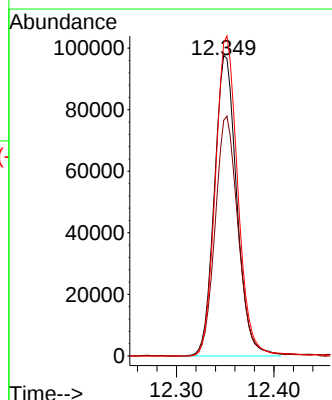
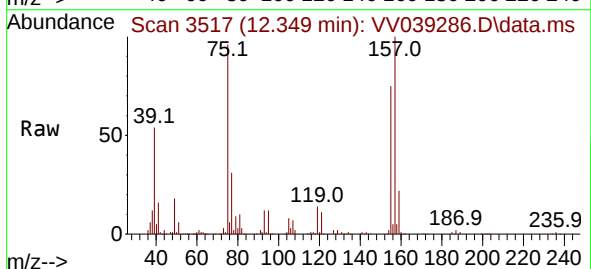
Tgt Ion: 75 Resp: 156001

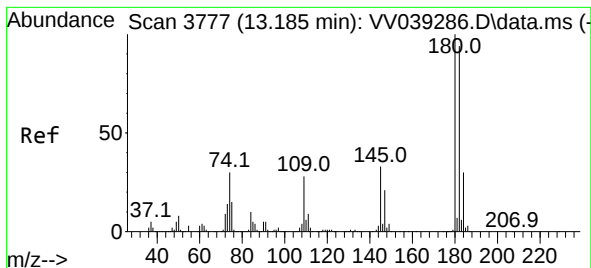
Ion Ratio Lower Upper

75 100

155 81.7 40.8 122.5

157 106.7 53.3 160.0





#93

1,2,4-Trichlorobenzene

Concen: 52.434 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. 0.000 min

Lab File: VV039286.D

Acq: 07 Oct 2025 11:10

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

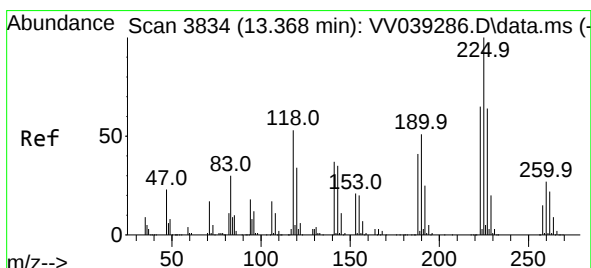
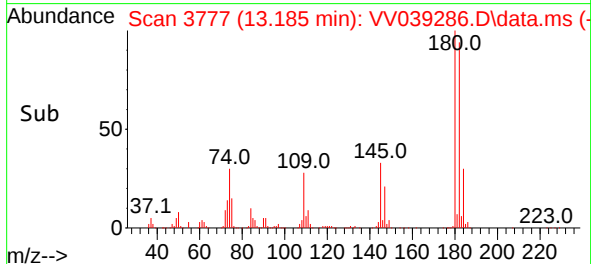
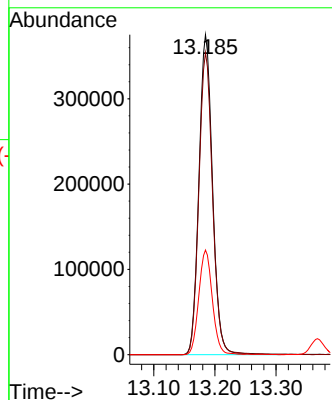
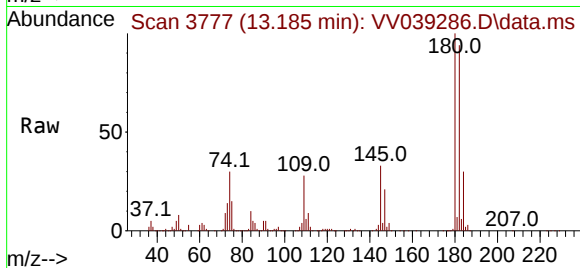
Tgt Ion:180 Resp: 579179

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

145 32.6 16.3 48.9



#94

Hexachlorobutadiene

Concen: 45.029 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV039286.D

Acq: 07 Oct 2025 11:10

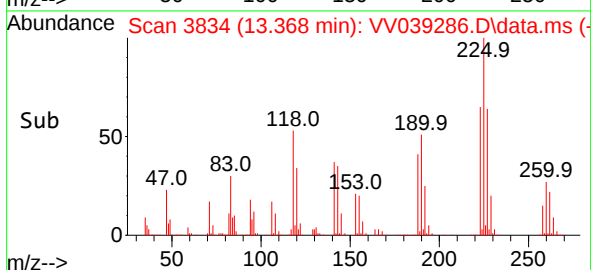
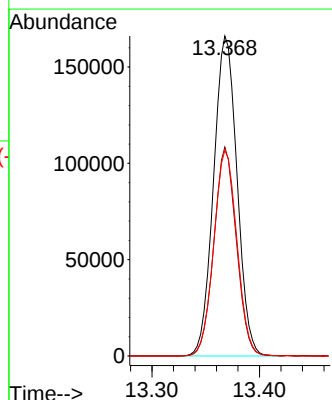
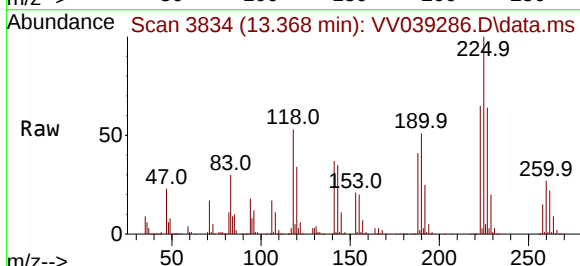
Tgt Ion:225 Resp: 251863

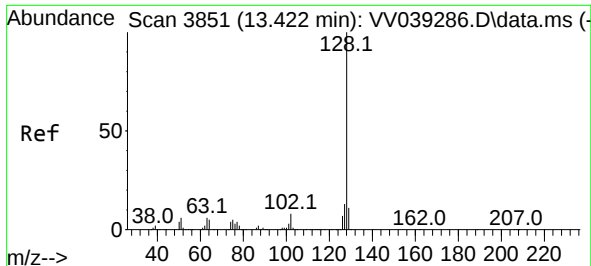
Ion Ratio Lower Upper

225 100

223 62.5 31.3 93.8

227 63.4 31.7 95.1

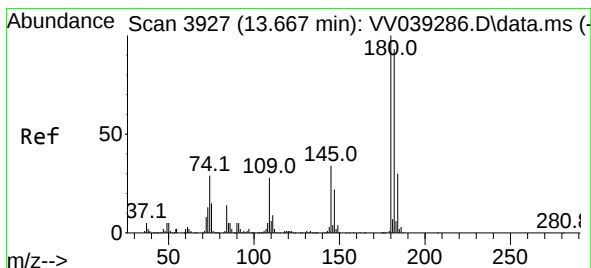
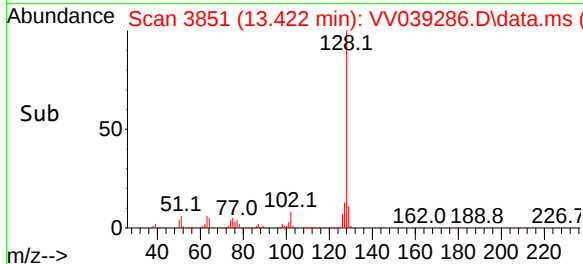
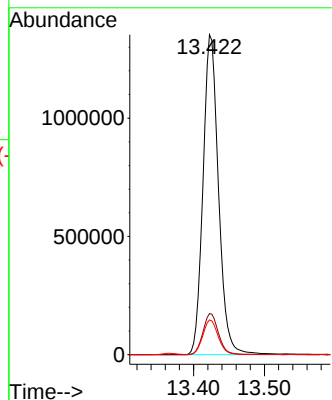
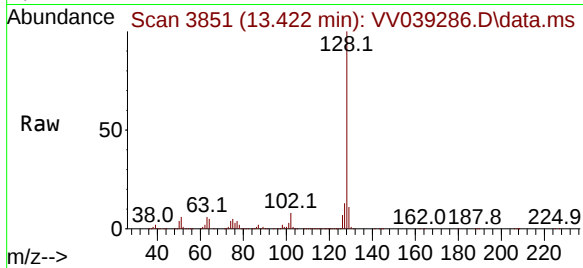




#95
Naphthalene
Concen: 56.776 ug/l
RT: 13.422 min Scan# 3851
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 2054704
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 52.069 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. 0.000 min
Lab File: VV039286.D
Acq: 07 Oct 2025 11:10

Tgt Ion:180 Resp: 597768
Ion Ratio Lower Upper
180 100
182 93.4 46.7 140.1
145 34.3 17.2 51.5

