

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
 Data File : VW032325.D
 Acq On : 02 Oct 2025 12:10
 Operator : SY/MD
 Sample : VW1002SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 21:35:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	291487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	534672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	467867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	239286	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	209765	49.339	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	98.680%
35) Dibromofluoromethane	7.898	113	172111	49.706	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	99.420%
50) Toluene-d8	10.324	98	641089	50.165	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	100.320%
62) 4-Bromofluorobenzene	12.617	95	238010	49.274	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	98.540%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.045	85	35034	19.153	ug/l	98
3) Chloromethane	2.253	50	54560	19.331	ug/l	95
4) Vinyl Chloride	2.405	62	69248	20.551	ug/l	98
5) Bromomethane	2.820	94	51481	20.791	ug/l	90
6) Chloroethane	2.966	64	45249	20.340	ug/l	95
7) Trichlorofluoromethane	3.301	101	55688	22.073	ug/l	96
8) Diethyl Ether	3.722	74	46407	21.228	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.106	101	61663	20.378	ug/l	92
10) Methyl Iodide	4.307	142	92661	21.461	ug/l	96
11) Tert butyl alcohol	5.222	59	36189	112.454	ug/l #	94
12) 1,1-Dichloroethene	4.075	96	67509	20.550	ug/l	96
13) Acrolein	3.929	56	56779	108.713	ug/l	100
14) Allyl chloride	4.703	41	114563	20.647	ug/l	89
15) Acrylonitrile	5.404	53	115079	101.186	ug/l	99
16) Acetone	4.155	43	126735	107.657	ug/l	99
17) Carbon Disulfide	4.423	76	187909	20.964	ug/l	99
18) Methyl Acetate	4.709	43	59964	17.782	ug/l	99
19) Methyl tert-butyl Ether	5.465	73	135636	20.963	ug/l	92
20) Methylene Chloride	4.959	84	106049	24.485	ug/l	94
21) trans-1,2-Dichloroethene	5.459	96	73548	20.222	ug/l	95
22) Diisopropyl ether	6.343	45	240079	20.805	ug/l	95
23) Vinyl Acetate	6.282	43	808344	104.874	ug/l	100
24) 1,1-Dichloroethane	6.246	63	140754	20.077	ug/l	98
25) 2-Butanone	7.197	43	167299	104.346	ug/l	99
26) 2,2-Dichloropropane	7.191	77	81279	22.665	ug/l	97
27) cis-1,2-Dichloroethene	7.185	96	87178	19.952	ug/l	92
28) Bromochloromethane	7.532	49	66809	20.255	ug/l	87
29) Tetrahydrofuran	7.550	42	102160	101.322	ug/l	94
30) Chloroform	7.697	83	144523	20.326	ug/l	93
31) Cyclohexane	7.971	56	118891	19.864	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	107081	21.253	ug/l	99
36) 1,1-Dichloropropene	8.099	75	99553	20.372	ug/l	98
37) Ethyl Acetate	7.276	43	67894	20.873	ug/l	99
38) Carbon Tetrachloride	8.081	117	96076	20.893	ug/l	99
39) Methylcyclohexane	9.343	83	118968	20.183	ug/l	95
40) Benzene	8.337	78	310996	20.304	ug/l	94

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Instrument :
 MSVOA_W
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Quant Time: Oct 02 21:35:46 2025
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 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	35367	20.176	ug/l	93
42) 1,2-Dichloroethane	8.416	62	102405	20.432	ug/l	100
43) Isopropyl Acetate	8.434	43	119660	20.738	ug/l	99
44) Trichloroethene	9.105	130	71401	19.908	ug/l	93
45) 1,2-Dichloropropane	9.379	63	78839	20.621	ug/l	98
46) Dibromomethane	9.465	93	47886	20.369	ug/l	98
47) Bromodichloromethane	9.654	83	109464	20.357	ug/l	99
48) Methyl methacrylate	9.446	41	56269	20.057	ug/l	95
49) 1,4-Dioxane	9.459	88	13282	413.337	ug/l	92
51) 4-Methyl-2-Pentanone	10.215	43	346648	103.722	ug/l	98
52) Toluene	10.391	92	193861	20.324	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	106084	20.335	ug/l	97
54) cis-1,3-Dichloropropene	10.080	75	123159	20.495	ug/l	95
55) 1,1,2-Trichloroethane	10.788	97	67010	21.326	ug/l	95
56) Ethyl methacrylate	10.647	69	87830	19.970	ug/l	95
57) 1,3-Dichloropropane	10.934	76	114439	20.621	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	220699	94.291	ug/l	96
59) 2-Hexanone	10.970	43	247303	104.917	ug/l	99
60) Dibromochloromethane	11.129	129	71791	20.122	ug/l	97
61) 1,2-Dibromoethane	11.239	107	61927	20.212	ug/l	99
64) Tetrachloroethene	10.861	164	56614	20.222	ug/l	89
65) Chlorobenzene	11.659	112	216986	21.078	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.733	131	67629	21.093	ug/l	99
67) Ethyl Benzene	11.733	91	364939	21.268	ug/l	96
68) m/p-Xylenes	11.836	106	285522	43.151	ug/l	99
69) o-Xylene	12.165	106	131419	21.238	ug/l	100
70) Styrene	12.178	104	237322	21.967	ug/l	98
71) Bromoform	12.348	173	38393	20.890	ug/l #	96
73) Isopropylbenzene	12.464	105	337841	20.637	ug/l	98
74) N-amyl acetate	12.269	43	107577	20.599	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	82748	20.357	ug/l	99
76) 1,2,3-Trichloropropane	12.769	75	103014	32.714	ug/l #	1
77) Bromobenzene	12.745	156	81476	20.646	ug/l	91
78) n-propylbenzene	12.799	91	425699	20.817	ug/l	97
79) 2-Chlorotoluene	12.891	91	249811	19.979	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	284839	20.122	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	25199	20.273	ug/l	95
82) 4-Chlorotoluene	12.988	91	274110	20.620	ug/l	100
83) tert-Butylbenzene	13.202	119	238669	20.549	ug/l	97
84) 1,2,4-Trimethylbenzene	13.244	105	283232	19.677	ug/l	99
85) sec-Butylbenzene	13.379	105	362319	20.413	ug/l	99
86) p-Isopropyltoluene	13.494	119	303179	20.586	ug/l	99
87) 1,3-Dichlorobenzene	13.494	146	158665	19.856	ug/l	94
88) 1,4-Dichlorobenzene	13.574	146	165636	20.730	ug/l	98
89) n-Butylbenzene	13.818	91	295818	20.572	ug/l	99
90) Hexachloroethane	14.092	117	53671	20.331	ug/l	88
91) 1,2-Dichlorobenzene	13.866	146	147806	20.462	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	13527	19.007	ug/l	90
93) 1,2,4-Trichlorobenzene	15.128	180	88997	20.546	ug/l	99
94) Hexachlorobutadiene	15.226	225	39432	19.911	ug/l	95
95) Naphthalene	15.360	128	204952	19.703	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	81052	19.853	ug/l	99

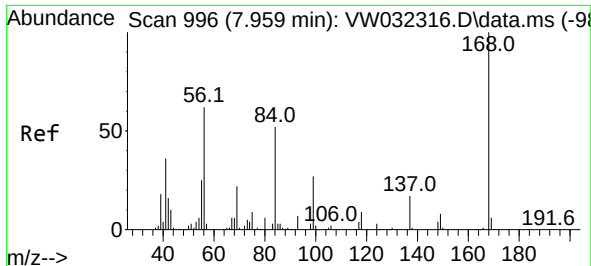
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Response via : Initial Calibration

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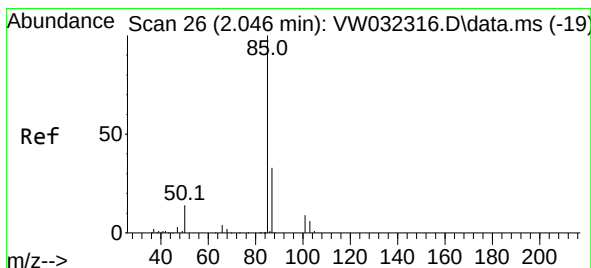
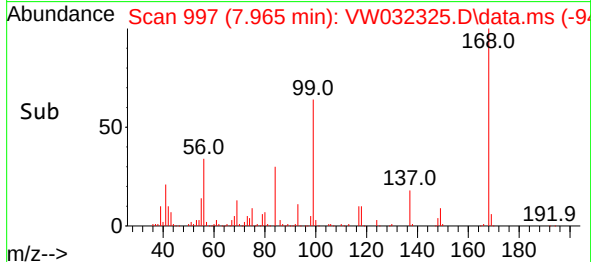
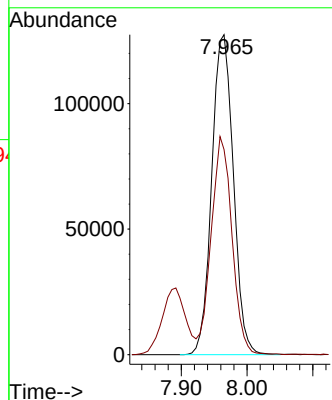
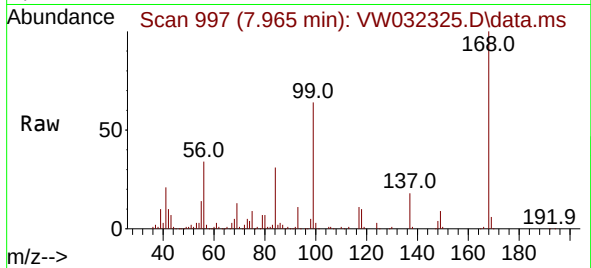
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

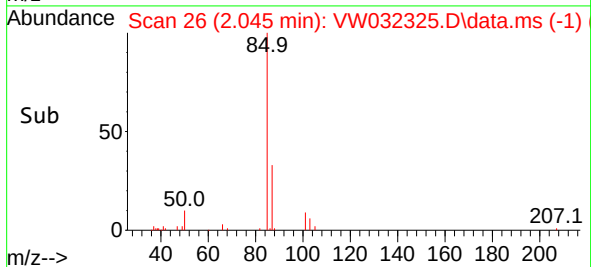
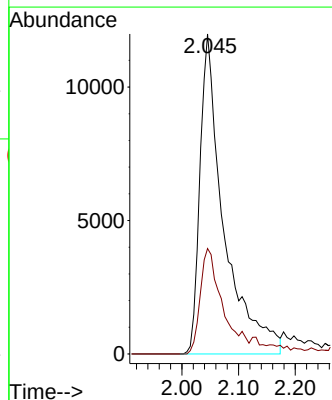
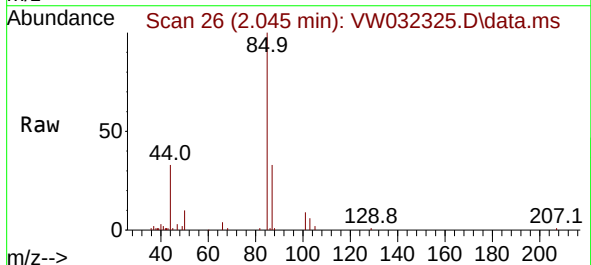
Instrument :
MSVOA_W
ClientSampleId :

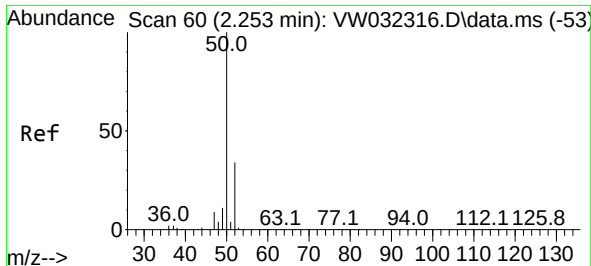
Tgt Ion:168 Resp: 291487
Ion Ratio Lower Upper
168 100
99 63.9 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 19.153 ug/l
RT: 2.045 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

Tgt Ion: 85 Resp: 35034
Ion Ratio Lower Upper
85 100
87 33.0 17.2 51.6

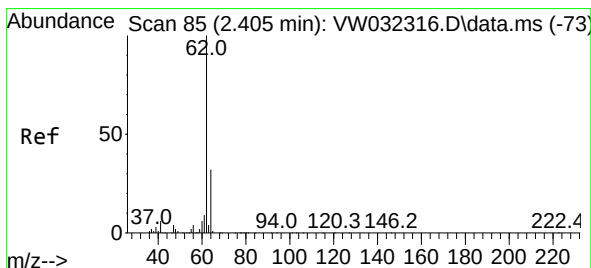
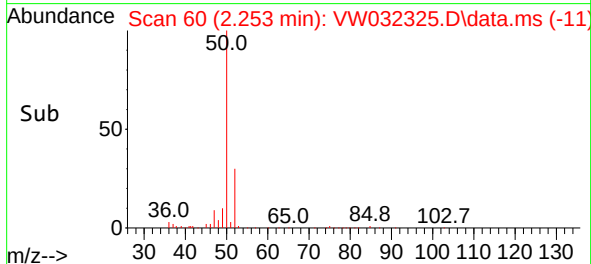
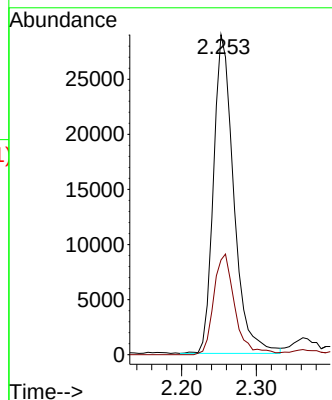
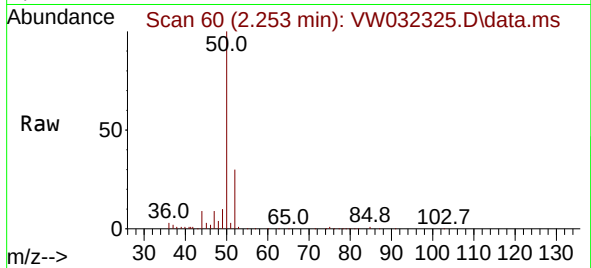




#3
Chloromethane
Concen: 19.331 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

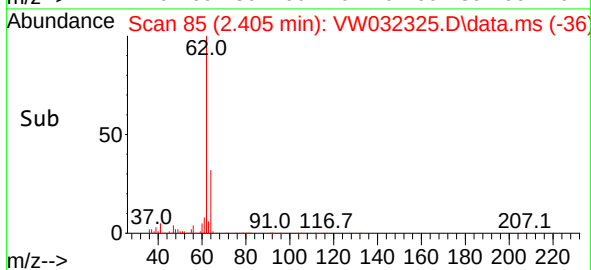
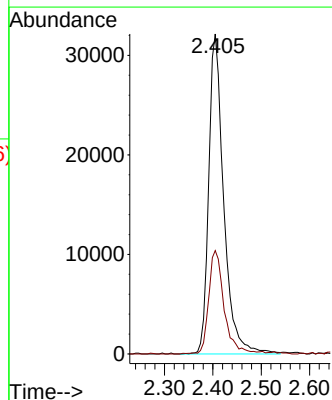
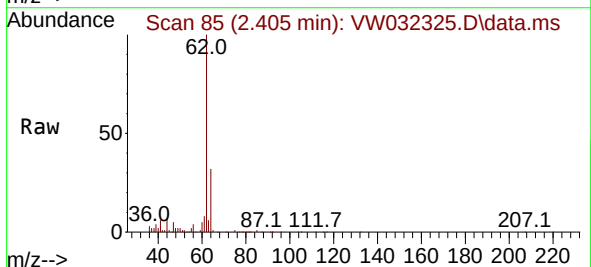
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MSVOA_W
ClientSampleId :

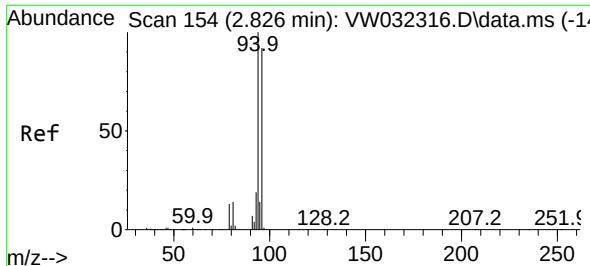
Tgt Ion: 50 Resp: 54560
Ion Ratio Lower Upper
50 100
52 29.7 26.1 39.1



#4
Vinyl Chloride
Concen: 20.551 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

Tgt Ion: 62 Resp: 69248
Ion Ratio Lower Upper
62 100
64 32.3 24.8 37.2

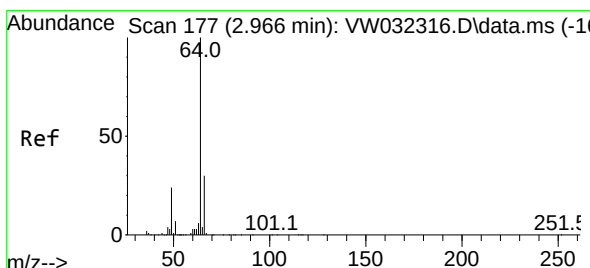
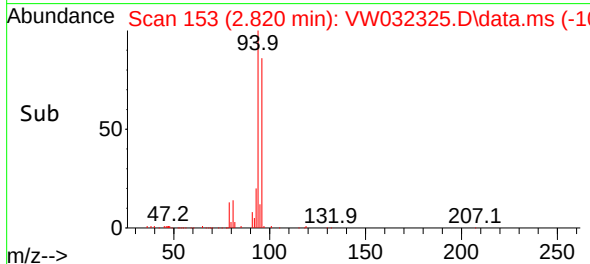
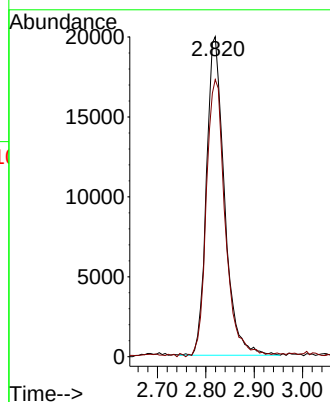
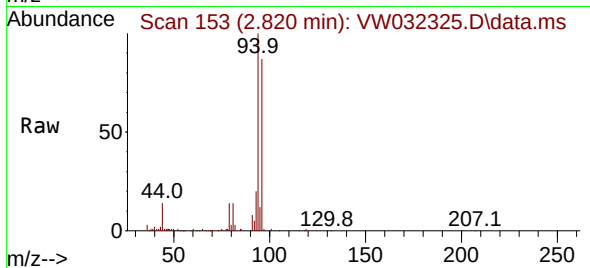




#5
Bromomethane
Concen: 20.791 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.007 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

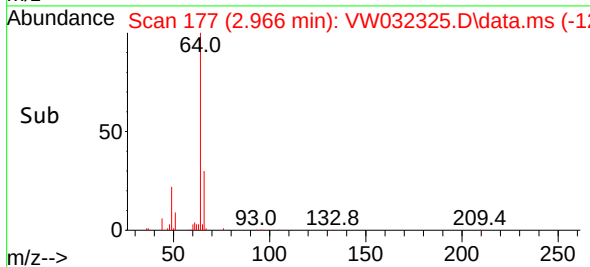
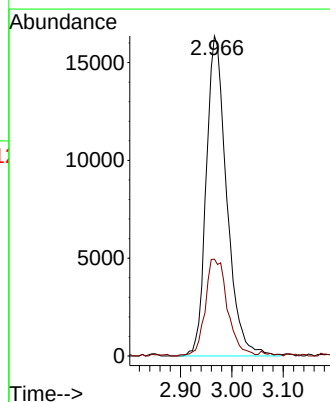
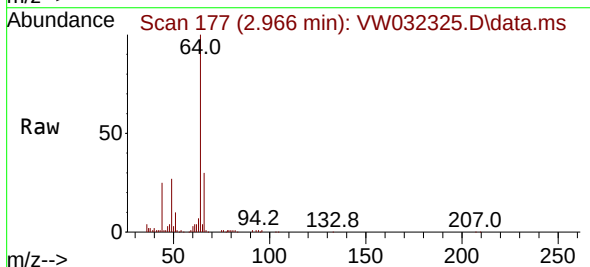
Instrument :
MSVOA_W
ClientSampleId :

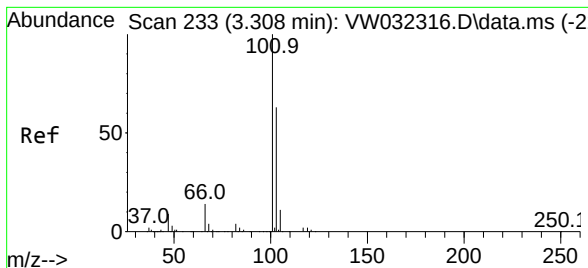
Tgt Ion: 94 Resp: 51481
Ion Ratio Lower Upper
94 100
96 86.1 76.6 115.0



#6
Chloroethane
Concen: 20.340 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.007 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

Tgt Ion: 64 Resp: 45249
Ion Ratio Lower Upper
64 100
66 29.9 26.2 39.4





#7

Trichlorofluoromethane

Concen: 22.073 ug/l

RT: 3.301 min Scan# 21

Delta R.T. -0.007 min

Lab File: VW032325.D

Acq: 02 Oct 2025 12:10

Instrument :

MSVOA_W

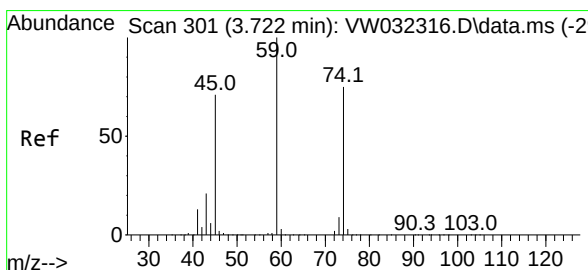
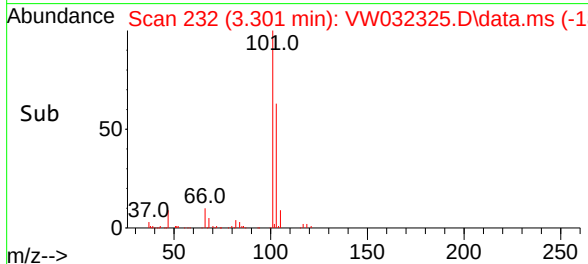
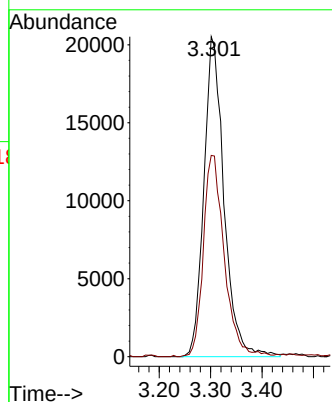
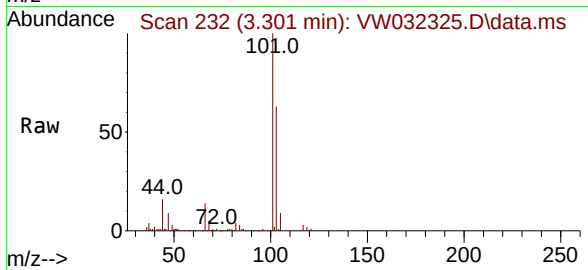
ClientSampleId :

Tgt Ion:101 Resp: 55688

Ion Ratio Lower Upper

101 100

103 62.9 47.8 71.8



#8

Diethyl Ether

Concen: 21.228 ug/l

RT: 3.722 min Scan# 301

Delta R.T. 0.006 min

Lab File: VW032325.D

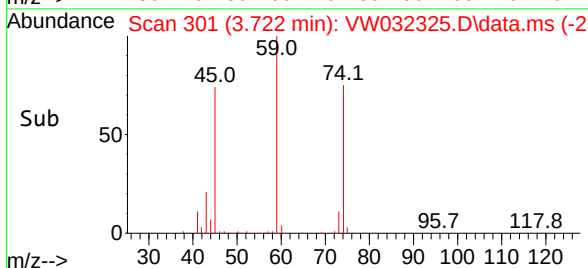
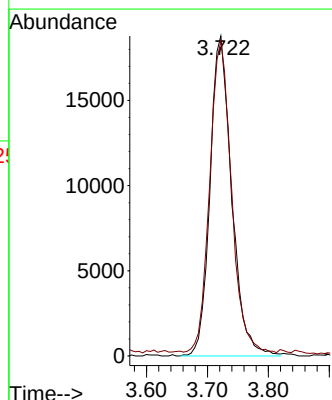
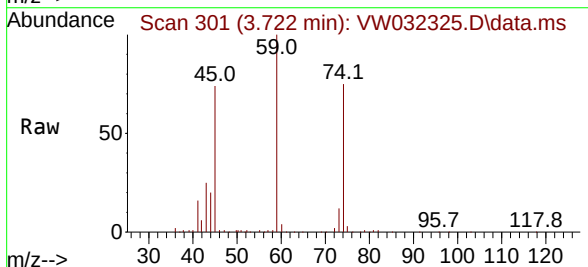
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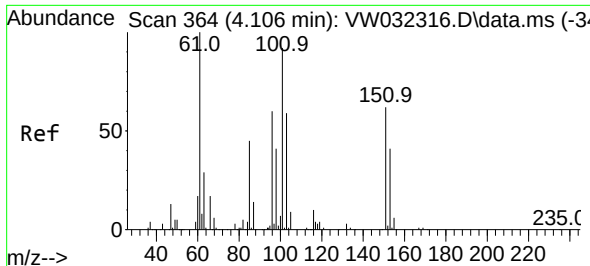
Tgt Ion: 74 Resp: 46407

Ion Ratio Lower Upper

74 100

45 97.6 43.1 129.4

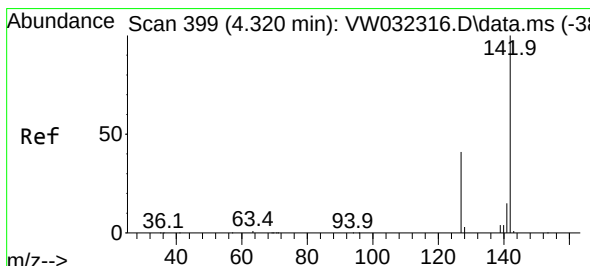
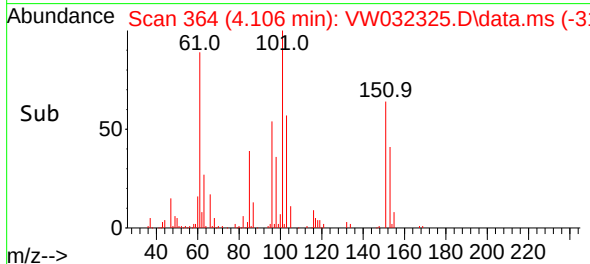
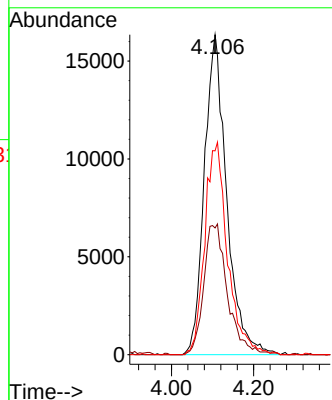
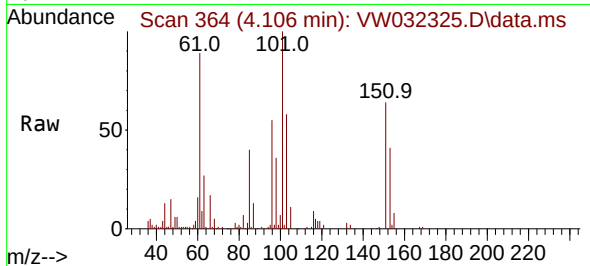




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.378 ug/l
RT: 4.106 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW032325.D
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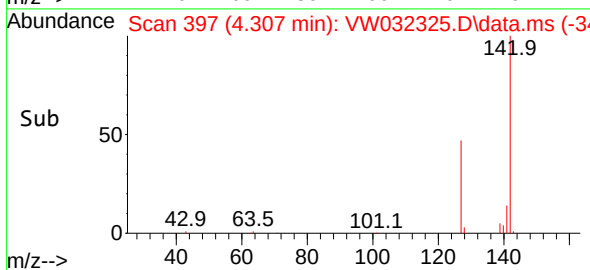
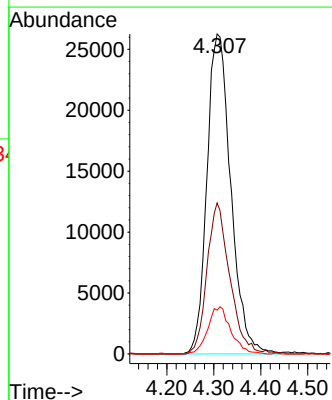
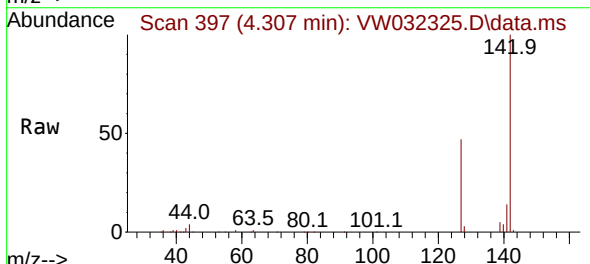
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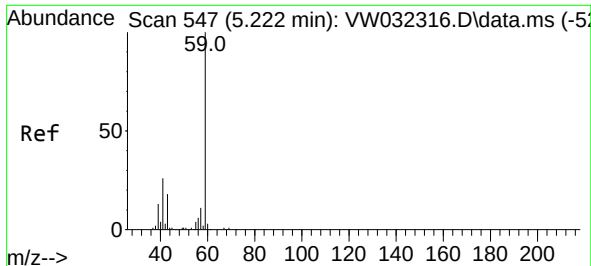
Tgt Ion:101 Resp: 61663
Ion Ratio Lower Upper
101 100
85 43.5 37.1 55.7
151 67.6 61.5 92.3



#10
Methyl Iodide
Concen: 21.461 ug/l
RT: 4.307 min Scan# 397
Delta R.T. -0.007 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

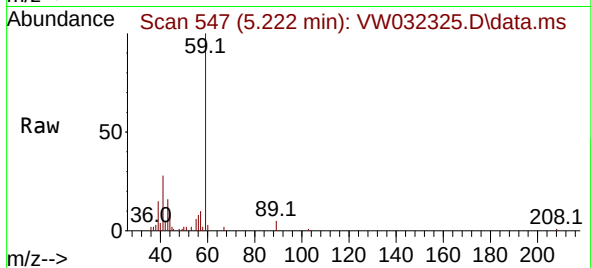
Tgt Ion:142 Resp: 92661
Ion Ratio Lower Upper
142 100
127 44.8 38.2 57.2
141 14.2 12.2 18.2



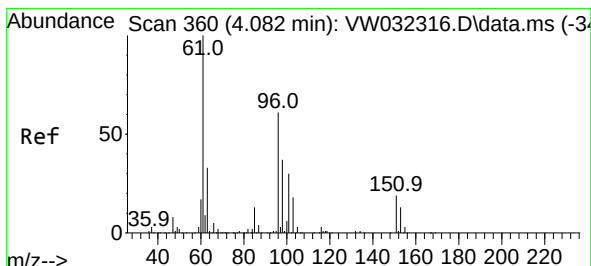
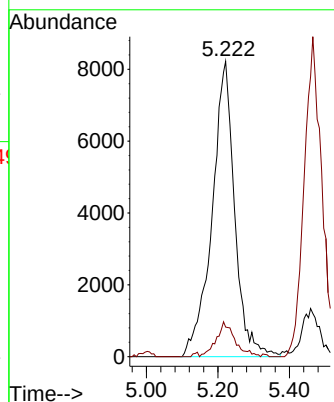
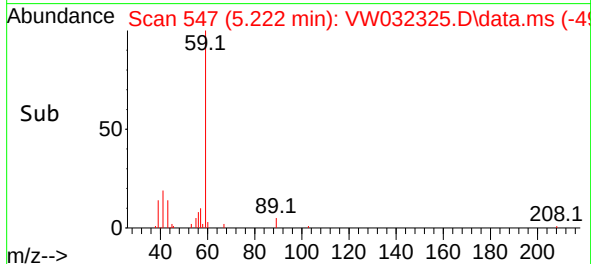


#11
Tert butyl alcohol
Concen: 112.454 ug/l
RT: 5.222 min Scan# 547
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

Instrument :
MSVOA_W
ClientSampleId :

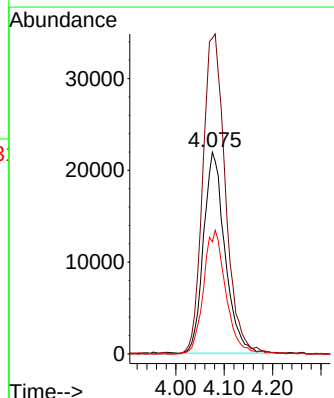
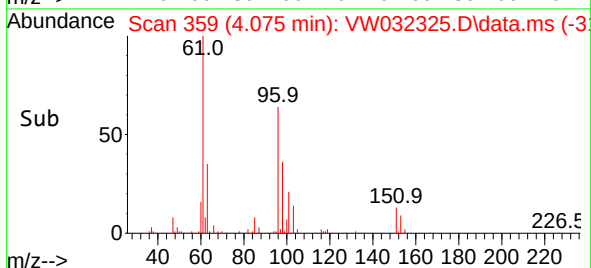
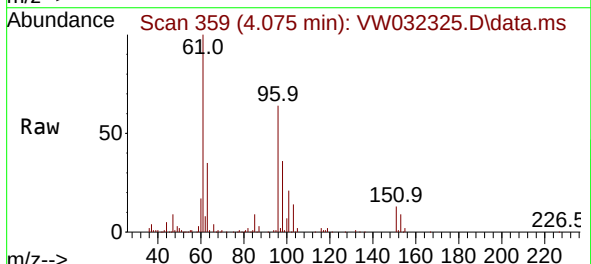


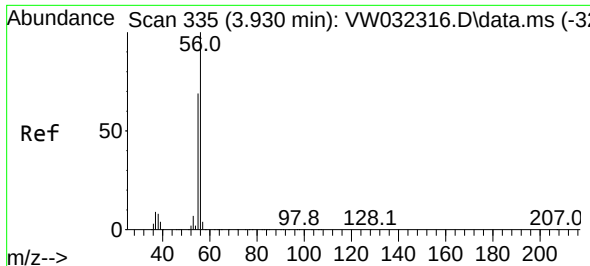
Tgt Ion: 59 Resp: 36189
Ion Ratio Lower Upper
59 100
57 9.7 9.8 14.6#



#12
1,1-Dichloroethene
Concen: 20.550 ug/l
RT: 4.075 min Scan# 359
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

Tgt Ion: 96 Resp: 67509
Ion Ratio Lower Upper
96 100
61 157.3 123.0 184.4
98 55.6 48.5 72.7

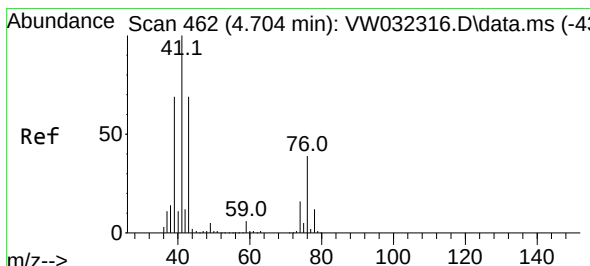
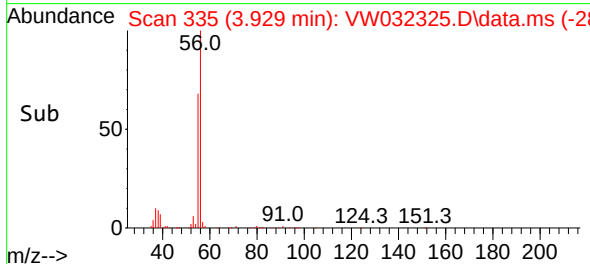
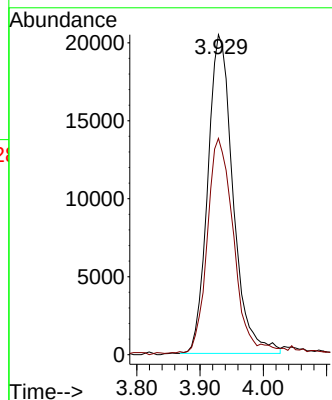
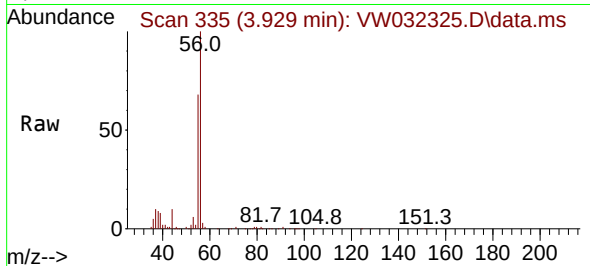




#13
Acrolein
Concen: 108.713 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

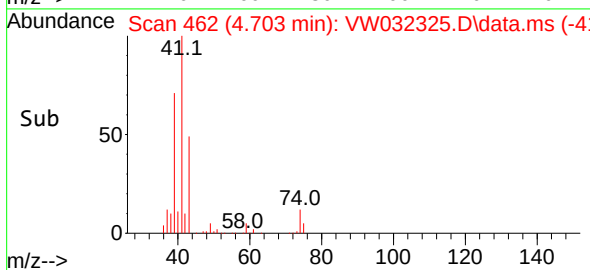
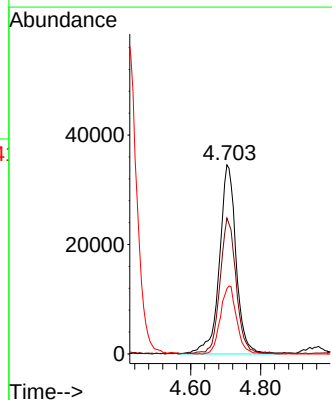
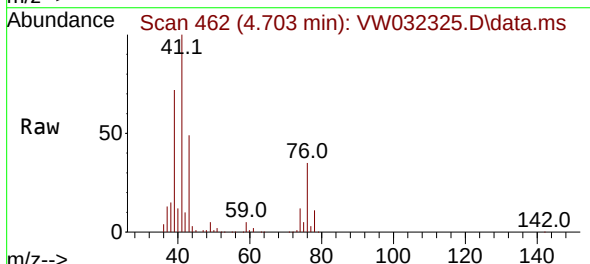
Instrument :
MSVOA_W
ClientSampleId :

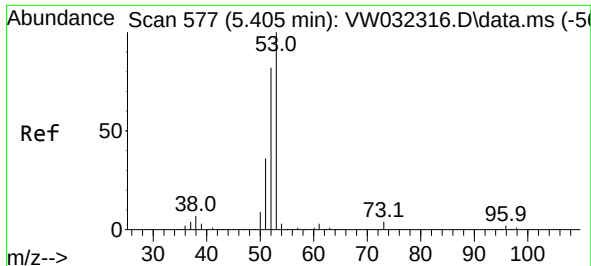
Tgt Ion: 56 Resp: 56779
Ion Ratio Lower Upper
56 100
55 70.2 56.4 84.6



#14
Allyl chloride
Concen: 20.647 ug/l
RT: 4.703 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

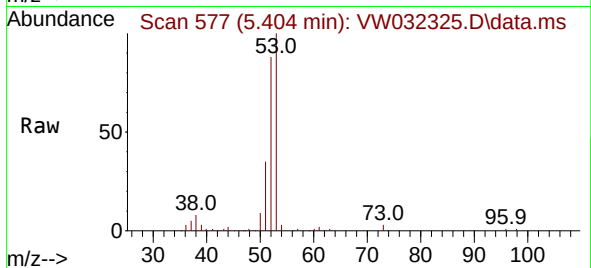
Tgt Ion: 41 Resp: 114563
Ion Ratio Lower Upper
41 100
39 68.6 64.1 96.1
76 34.6 31.4 47.2





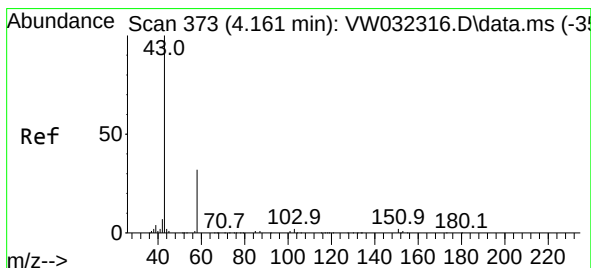
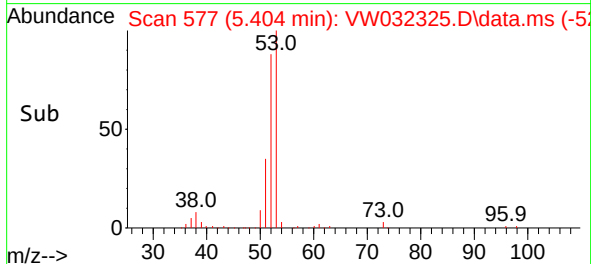
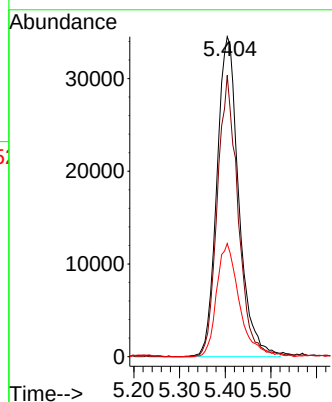
#15
Acrylonitrile
Concen: 101.186 ug/l
RT: 5.404 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 53 Resp: 115079

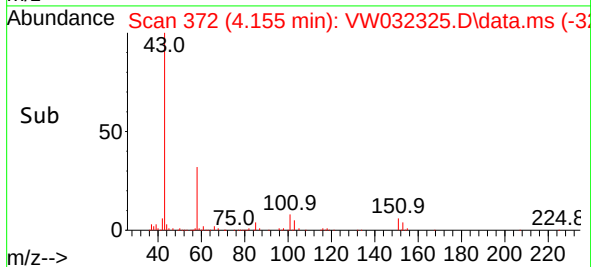
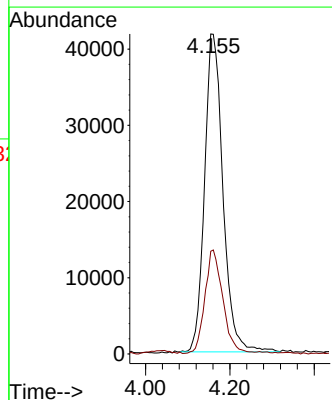
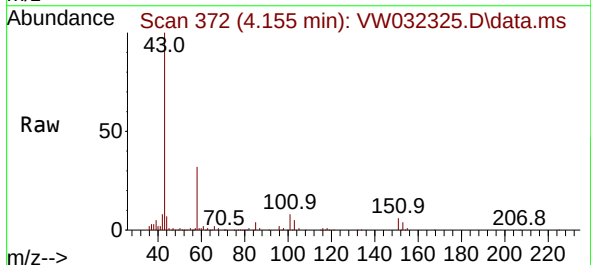
Ion	Ratio	Lower	Upper
53	100		
52	83.1	67.4	101.2
51	36.8	30.3	45.5

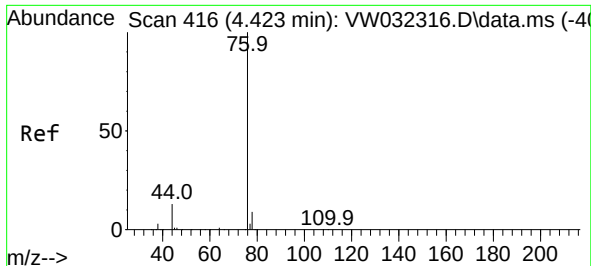


#16
Acetone
Concen: 107.657 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.007 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

Tgt Ion: 43 Resp: 126735

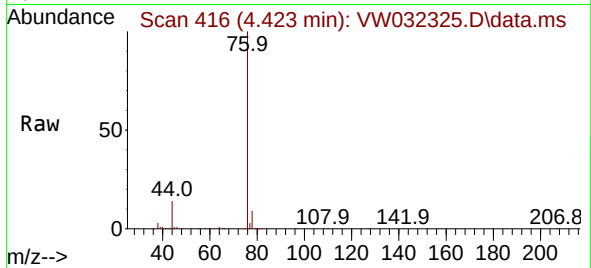
Ion	Ratio	Lower	Upper
43	100		
58	31.9	25.3	37.9



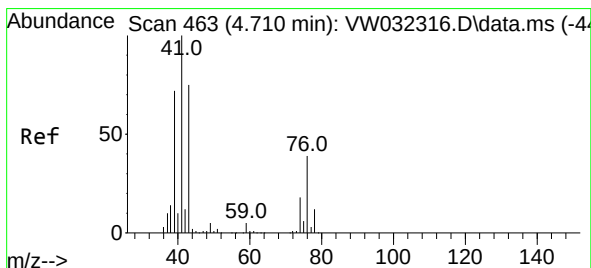
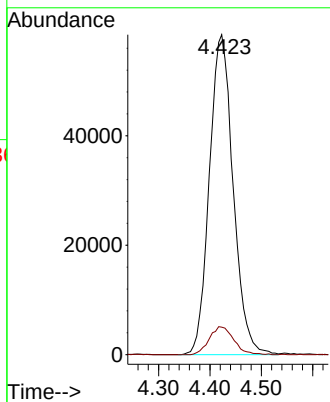
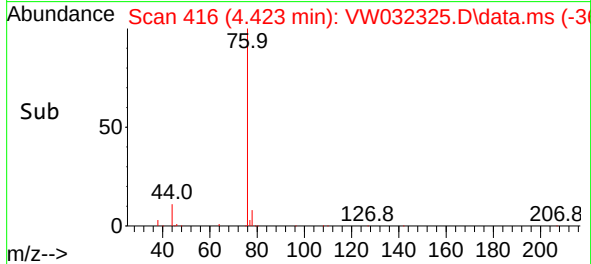


#17
Carbon Disulfide
Concen: 20.964 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

Instrument :
MSVOA_W
ClientSampleId :

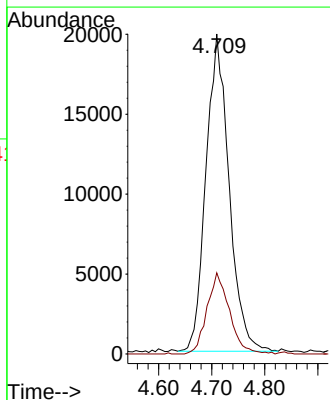
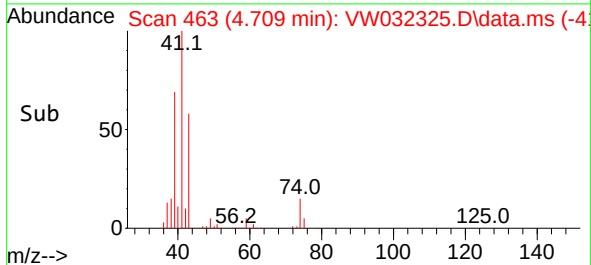
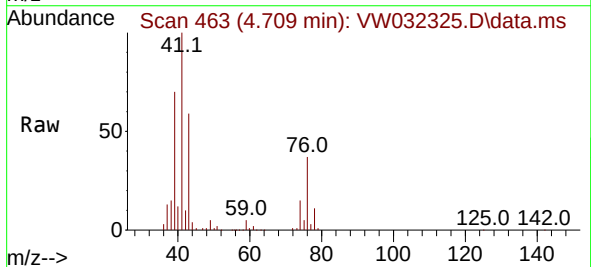


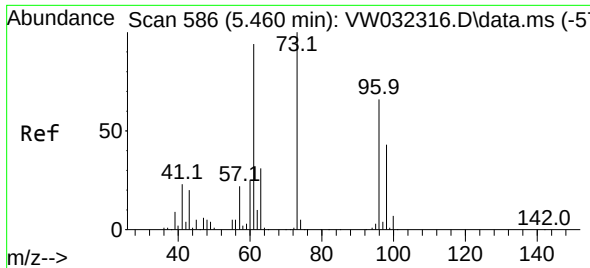
Tgt Ion: 76 Resp: 187909
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6



#18
Methyl Acetate
Concen: 17.782 ug/l
RT: 4.709 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

Tgt Ion: 43 Resp: 59964
Ion Ratio Lower Upper
43 100
74 24.9 20.2 30.4

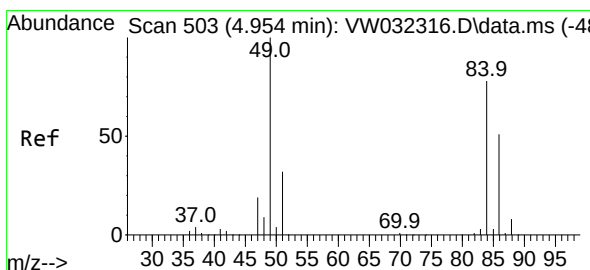
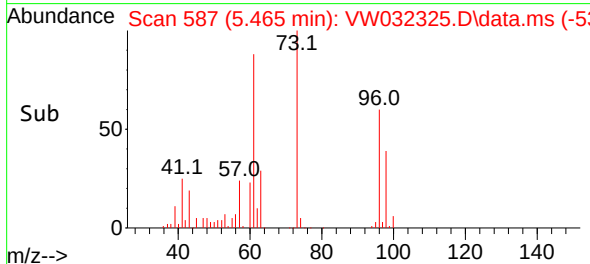
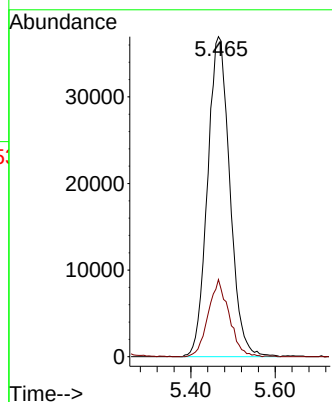
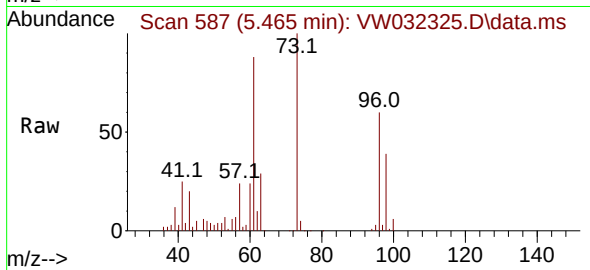




#19
Methyl tert-butyl Ether
Concen: 20.963 ug/l
RT: 5.465 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

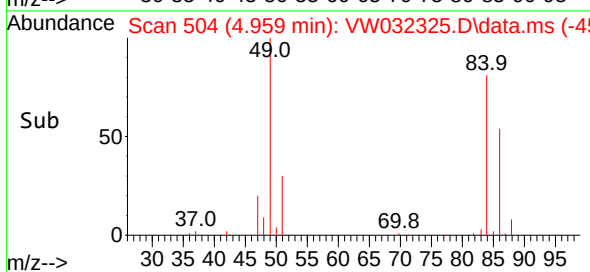
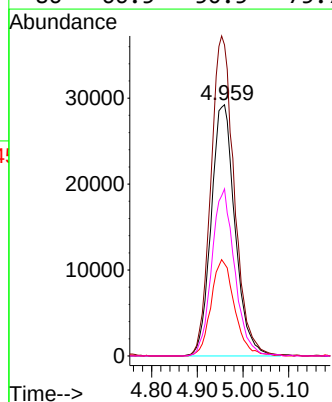
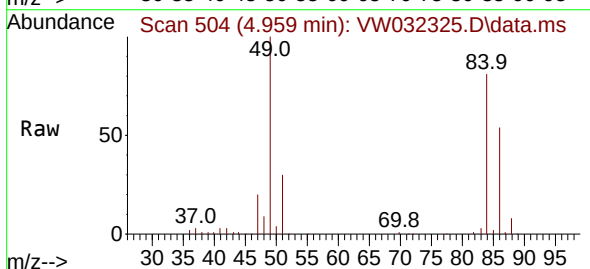
Instrument :
MSVOA_W
ClientSampleId :

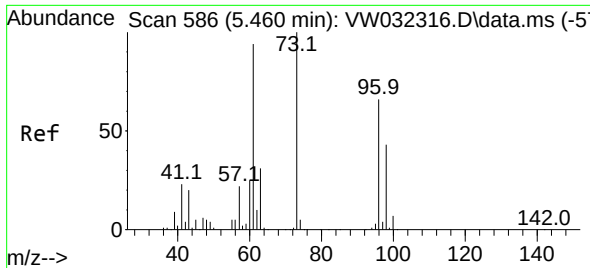
Tgt Ion: 73 Resp: 135636
Ion Ratio Lower Upper
73 100
57 24.1 16.2 24.4



#20
Methylene Chloride
Concen: 24.485 ug/l
RT: 4.959 min Scan# 504
Delta R.T. -0.001 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

Tgt Ion: 84 Resp: 106049
Ion Ratio Lower Upper
84 100
49 123.8 92.2 138.4
51 36.7 31.0 46.6
86 66.5 50.5 75.7

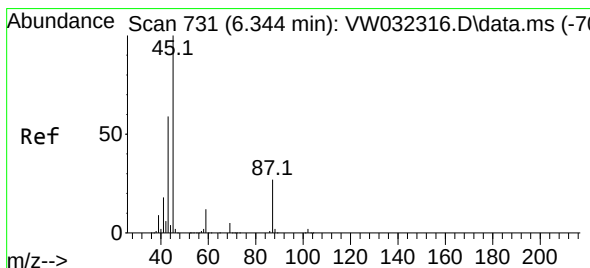
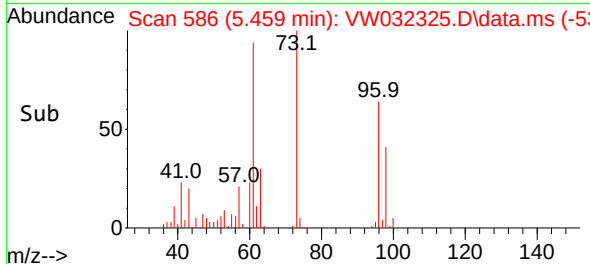
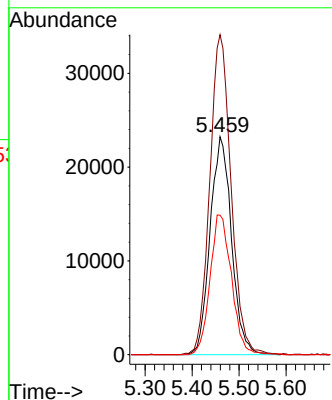
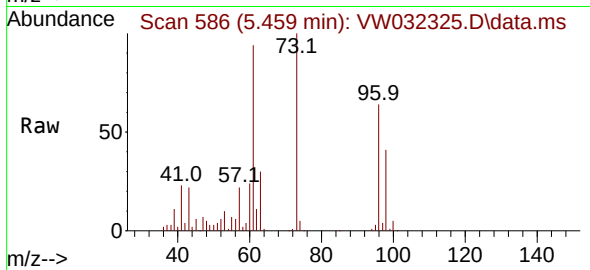




#21
trans-1,2-Dichloroethene
Concen: 20.222 ug/l
RT: 5.459 min Scan# 586
Delta R.T. -0.001 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

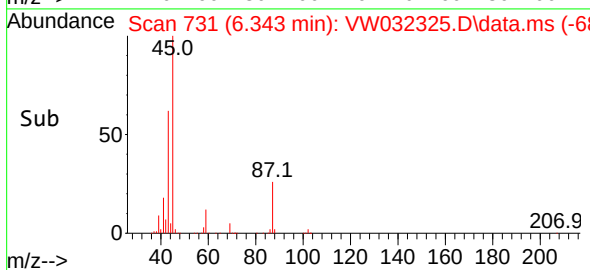
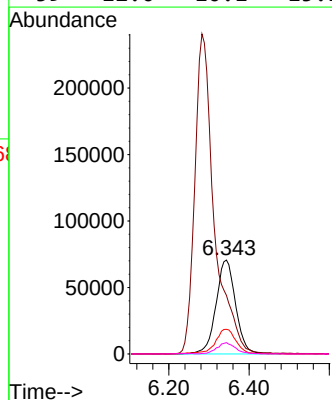
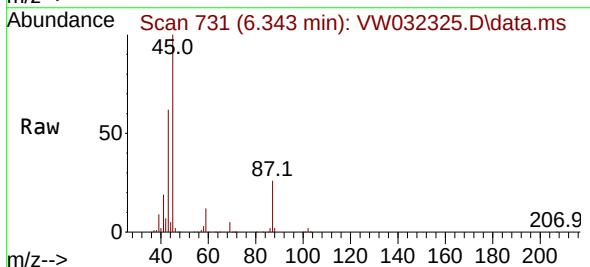
Instrument :
MSVOA_W
ClientSampleId :

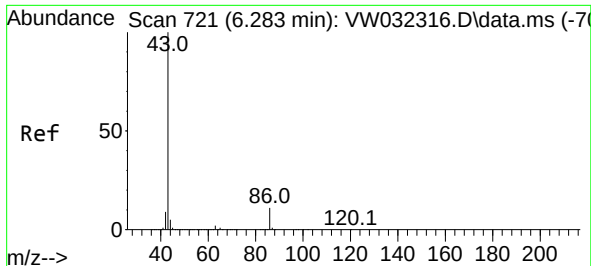
Tgt Ion: 96 Resp: 73548
Ion Ratio Lower Upper
96 100
61 146.9 112.5 168.7
98 64.0 54.2 81.4



#22
Diisopropyl ether
Concen: 20.805 ug/l
RT: 6.343 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

Tgt Ion: 45 Resp: 240079
Ion Ratio Lower Upper
45 100
43 61.7 51.4 77.2
87 26.2 25.9 38.9
59 12.0 10.1 15.1

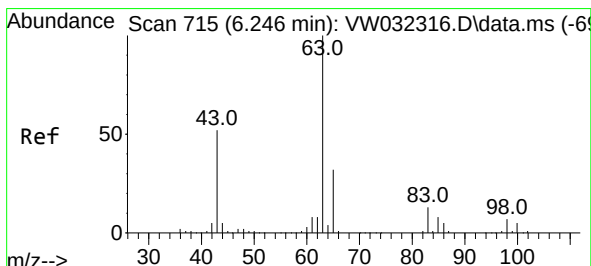
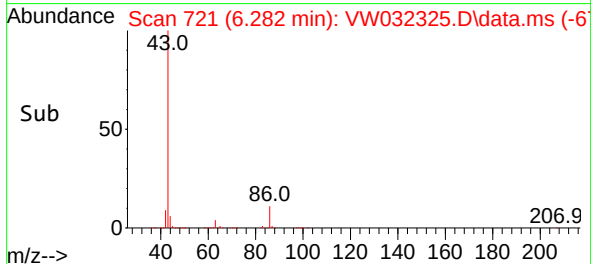
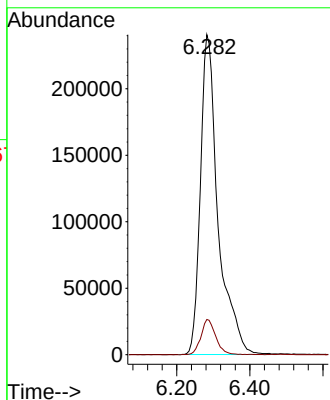
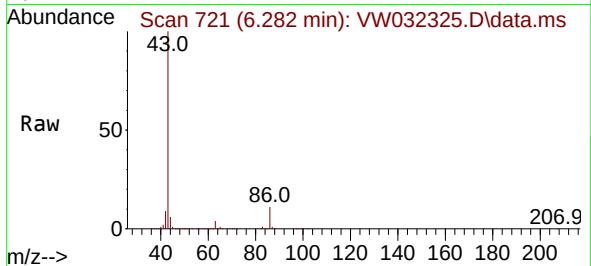




#23
 Vinyl Acetate
 Concen: 104.874 ug/l
 RT: 6.282 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: VW032325.D
 Acq: 02 Oct 2025 12:10

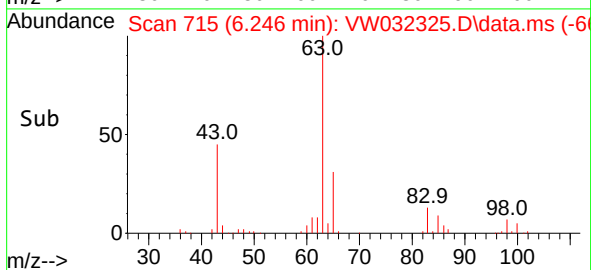
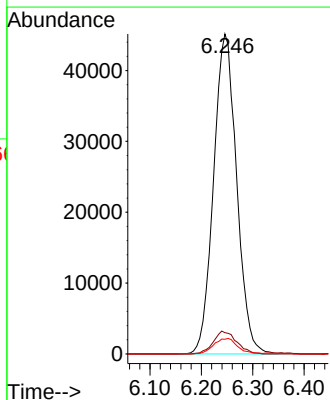
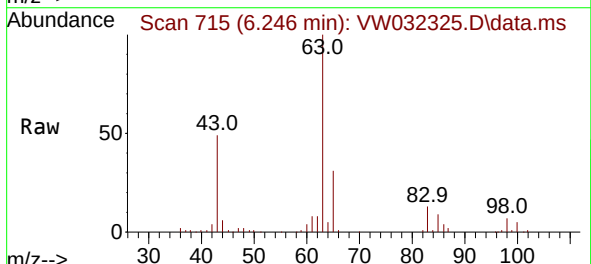
Instrument :
 MSVOA_W
 ClientSampleId :

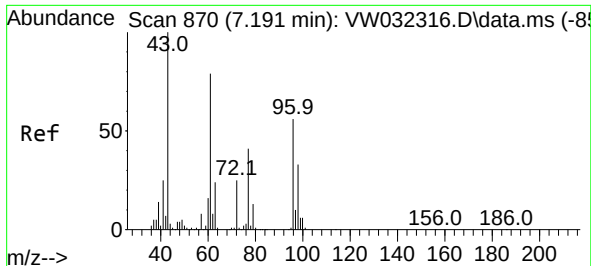
Tgt Ion: 43 Resp: 808344
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 20.077 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032325.D
 Acq: 02 Oct 2025 12:10

Tgt Ion: 63 Resp: 140754
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.8 11.2
 100 4.6 2.5 7.5

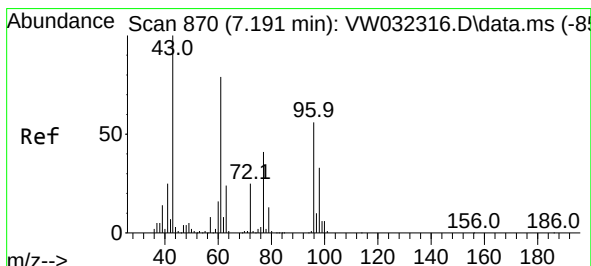
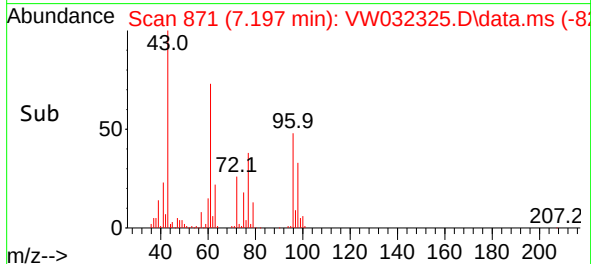
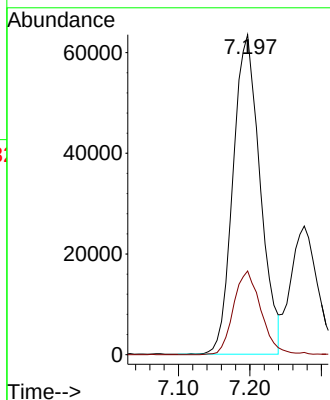
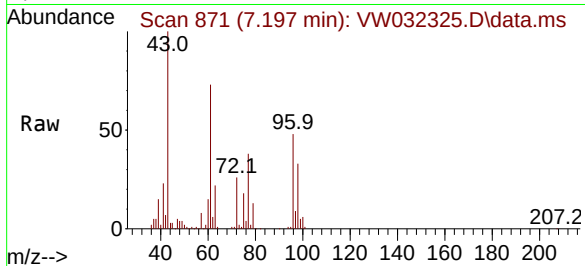




#25
2-Butanone
Concen: 104.346 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

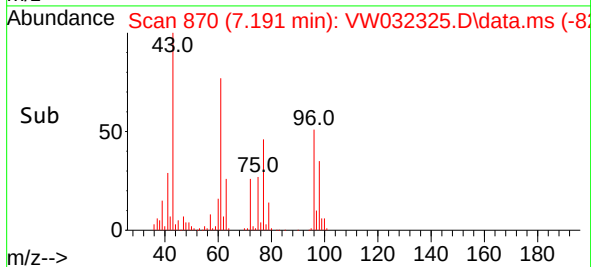
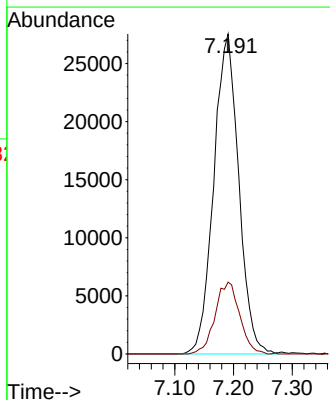
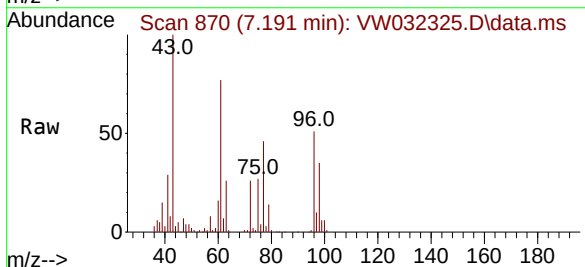
Instrument :
MSVOA_W
ClientSampleId :

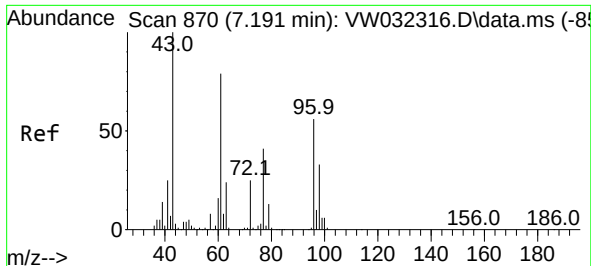
Tgt Ion: 43 Resp: 167299
Ion Ratio Lower Upper
43 100
72 26.2 21.4 32.2



#26
2,2-Dichloropropane
Concen: 22.665 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

Tgt Ion: 77 Resp: 81279
Ion Ratio Lower Upper
77 100
97 22.1 11.9 35.5

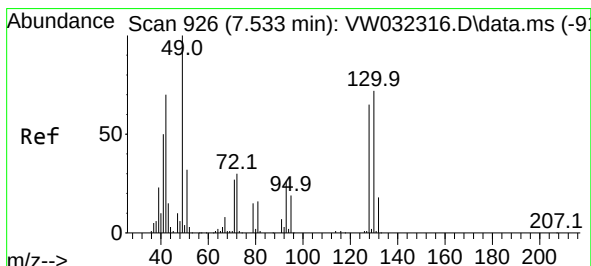
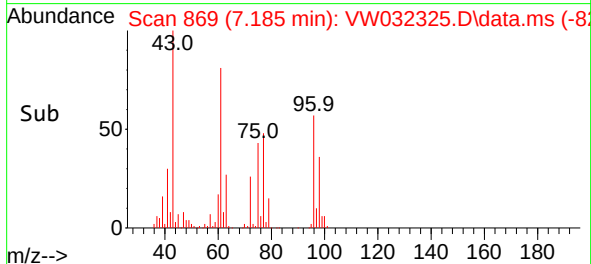
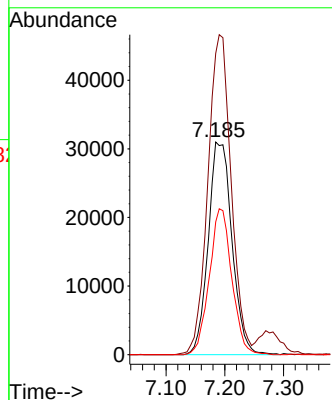
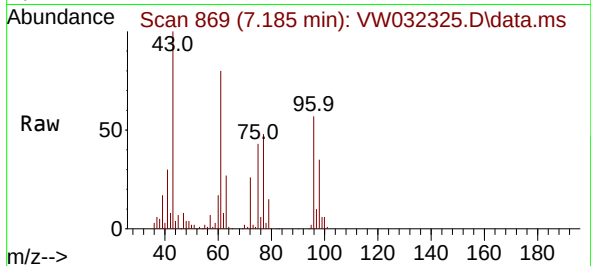




#27
 cis-1,2-Dichloroethene
 Concen: 19.952 ug/l
 RT: 7.185 min Scan# 870
 Delta R.T. -0.007 min
 Lab File: VW032325.D
 Acq: 02 Oct 2025 12:10

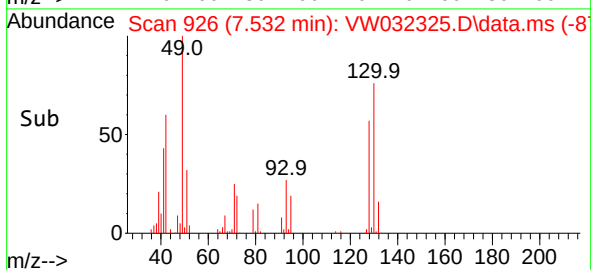
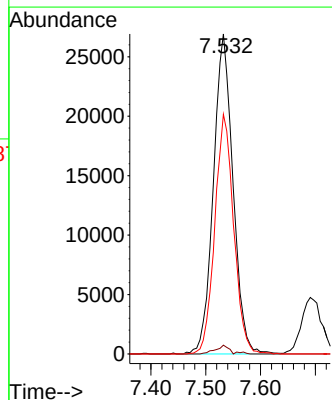
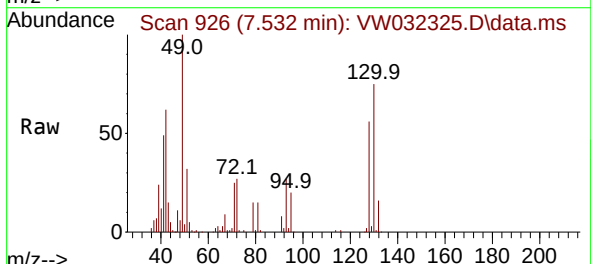
Instrument :
 MSVOA_W
 ClientSampleId :

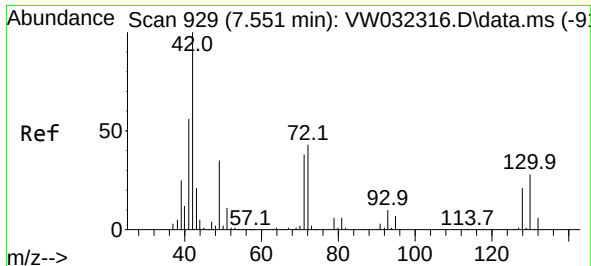
Tgt Ion: 96 Resp: 87178
 Ion Ratio Lower Upper
 96 100
 61 147.4 0.0 268.0
 98 64.9 0.0 130.8



#28
 Bromochloromethane
 Concen: 20.255 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. -0.000 min
 Lab File: VW032325.D
 Acq: 02 Oct 2025 12:10

Tgt Ion: 49 Resp: 66809
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 72.3 67.5 101.3





#29

Tetrahydrofuran

Concen: 101.322 ug/l

RT: 7.550 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032325.D

Acq: 02 Oct 2025 12:10

Instrument :

MSVOA_W

ClientSampleId :

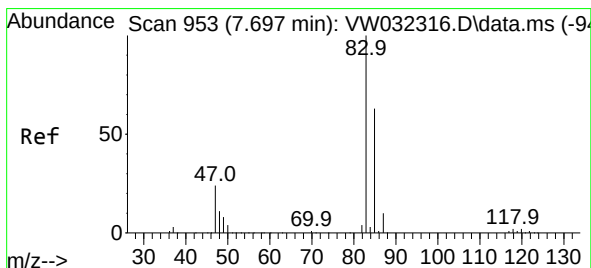
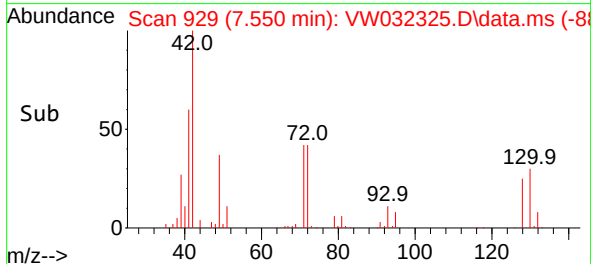
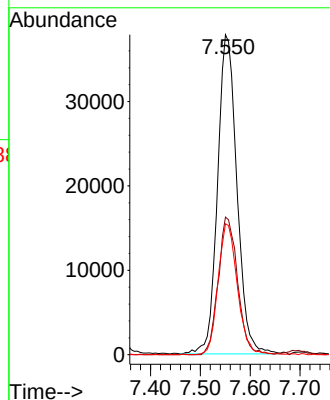
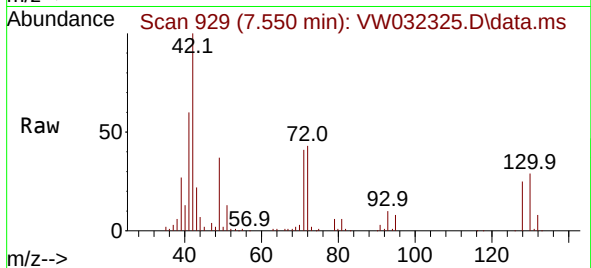
Tgt Ion: 42 Resp: 102160

Ion Ratio Lower Upper

42 100

72 43.1 37.4 56.2

71 40.8 36.0 54.0



#30

Chloroform

Concen: 20.326 ug/l

RT: 7.697 min Scan# 953

Delta R.T. -0.000 min

Lab File: VW032325.D

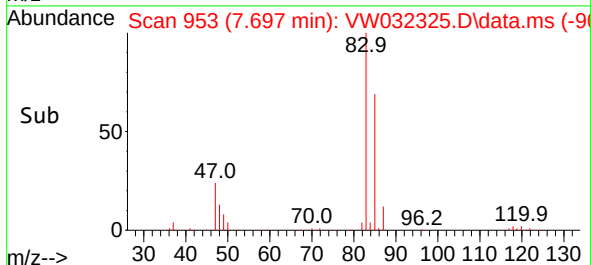
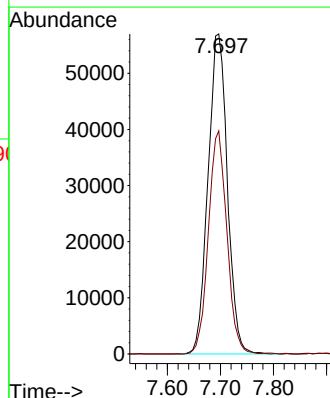
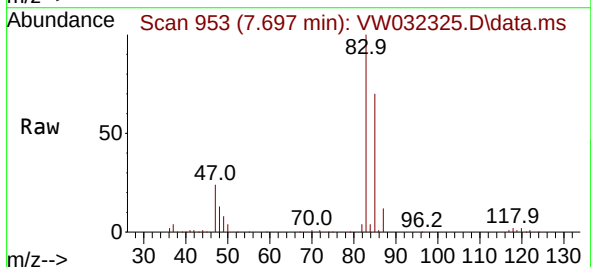
Acq: 02 Oct 2025 12:10

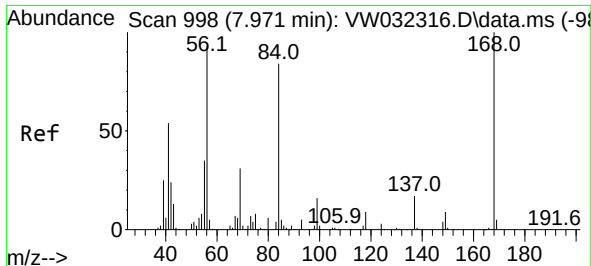
Tgt Ion: 83 Resp: 144523

Ion Ratio Lower Upper

83 100

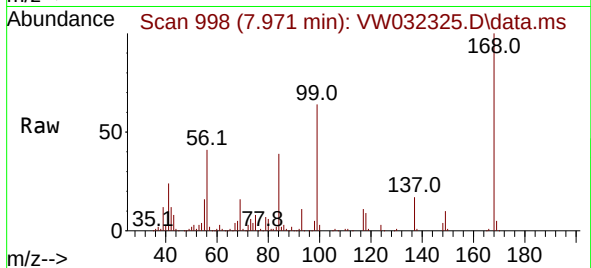
85 69.7 51.2 76.8



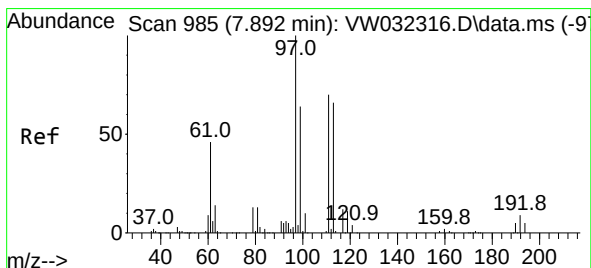
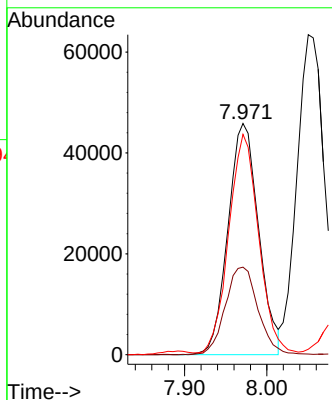
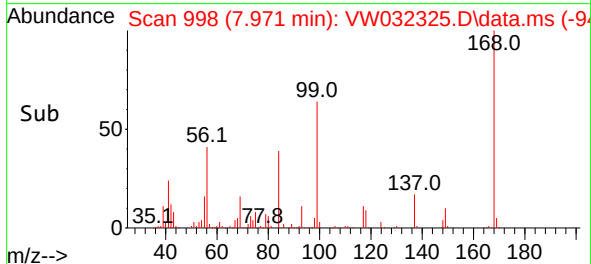


#31
Cyclohexane
Concen: 19.864 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

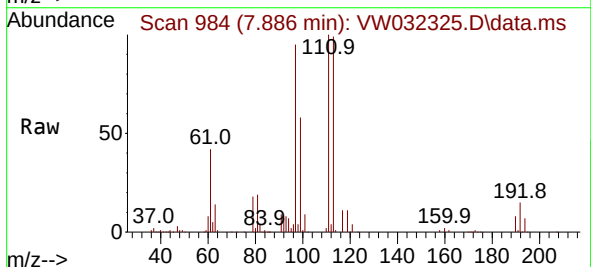
Instrument :
MSVOA_W
ClientSampleId :



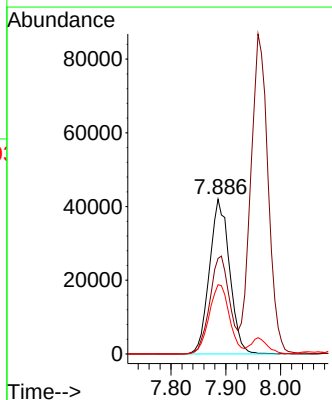
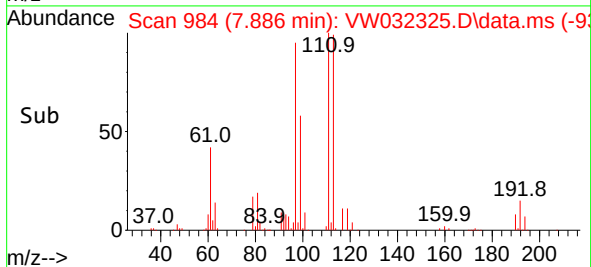
Tgt Ion: 56 Resp: 118891
Ion Ratio Lower Upper
56 100
69 37.9 27.7 41.5
84 93.7 74.6 112.0

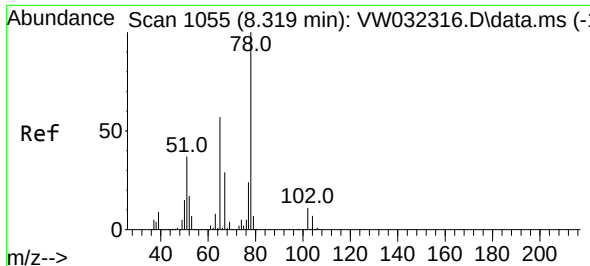


#32
1,1,1-Trichloroethane
Concen: 21.253 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10



Tgt Ion: 97 Resp: 107081
Ion Ratio Lower Upper
97 100
99 62.3 50.9 76.3
61 45.6 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 49.339 ug/l

RT: 8.319 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VW032325.D

Acq: 02 Oct 2025 12:10

Instrument :

MSVOA_W

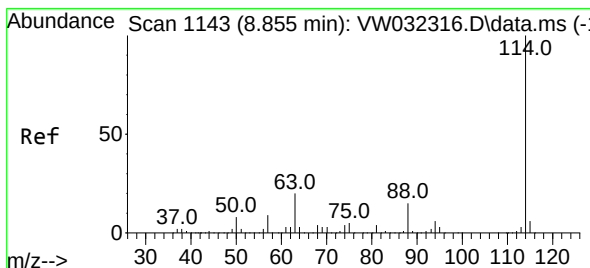
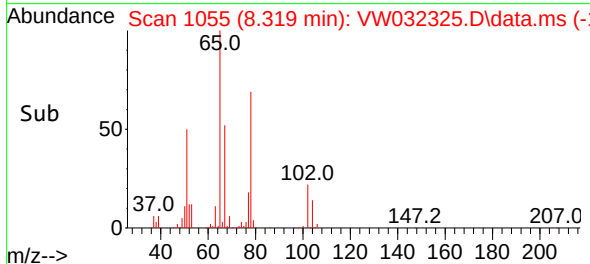
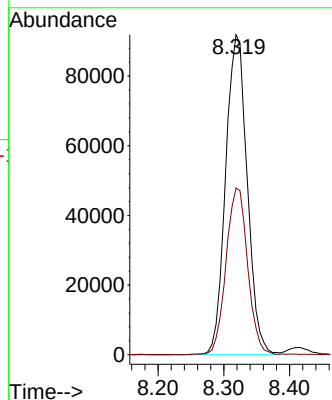
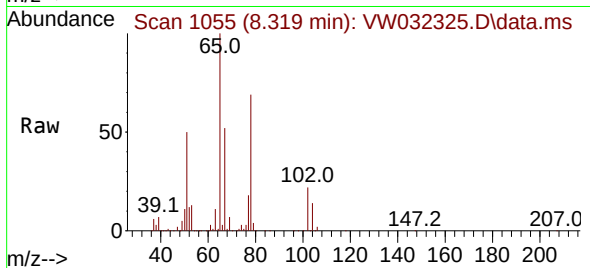
ClientSampleId :

Tgt Ion: 65 Resp: 209765

Ion Ratio Lower Upper

65 100

67 52.2 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VW032325.D

Acq: 02 Oct 2025 12:10

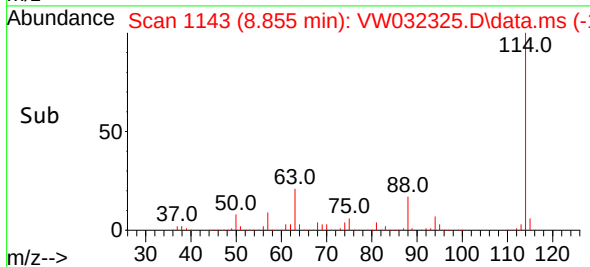
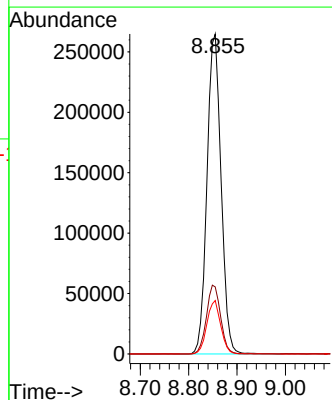
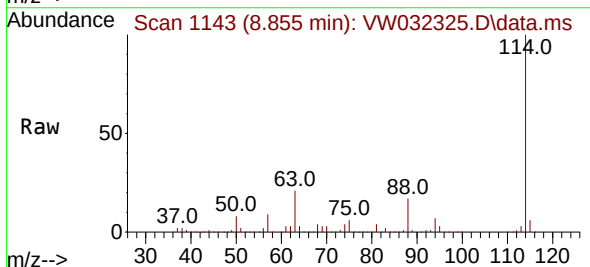
Tgt Ion: 114 Resp: 534672

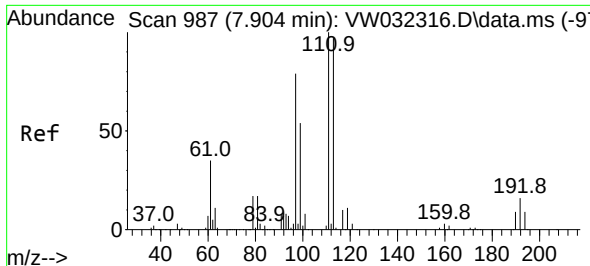
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.4

88 16.7 0.0 32.0

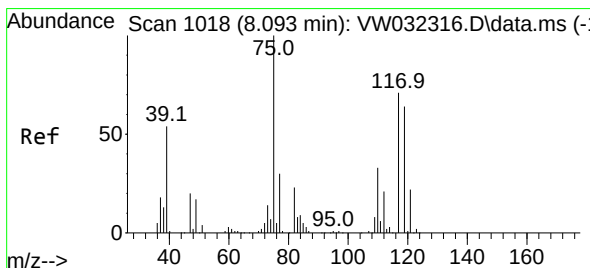
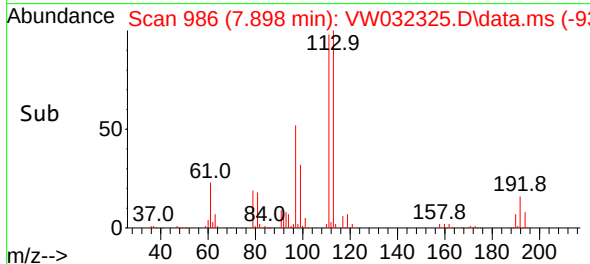
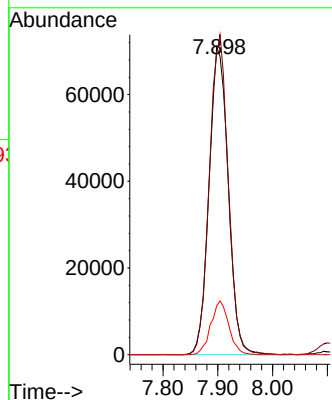
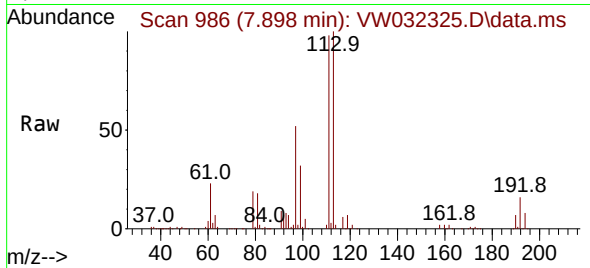




#35
 Dibromofluoromethane
 Concen: 49.706 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.007 min
 Lab File: VW032325.D
 Acq: 02 Oct 2025 12:10

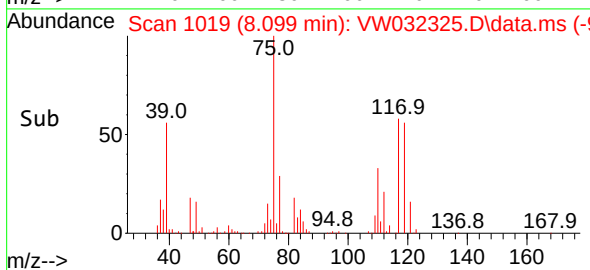
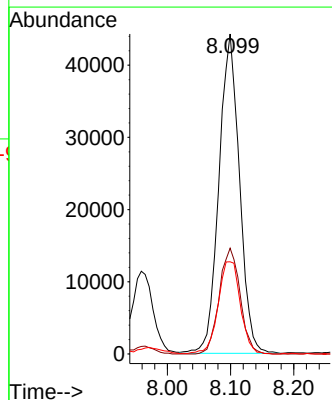
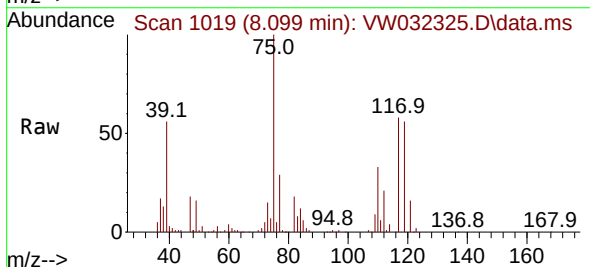
Instrument :
 MSVOA_W
 ClientSampleId :

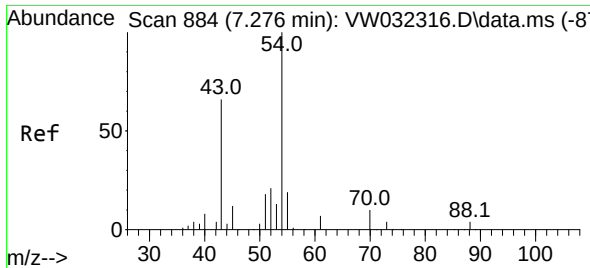
Tgt Ion:113 Resp: 172111
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.9 125.9
 192 16.5 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 20.372 ug/l
 RT: 8.099 min Scan# 1019
 Delta R.T. -0.000 min
 Lab File: VW032325.D
 Acq: 02 Oct 2025 12:10

Tgt Ion: 75 Resp: 99553
 Ion Ratio Lower Upper
 75 100
 110 33.7 17.5 52.5
 77 31.4 24.1 36.1

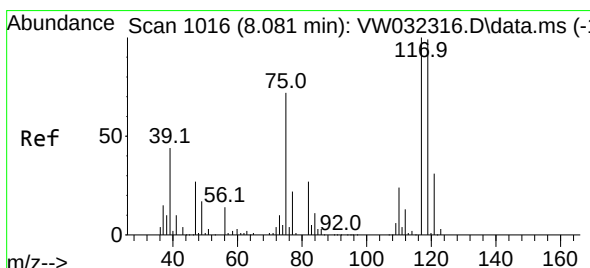
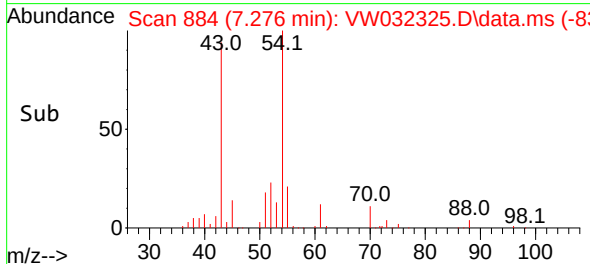
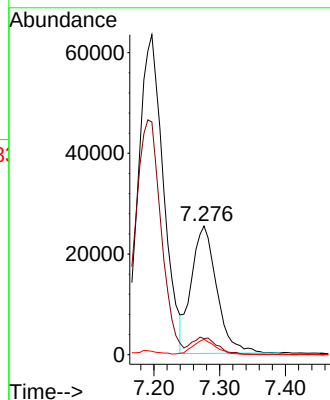
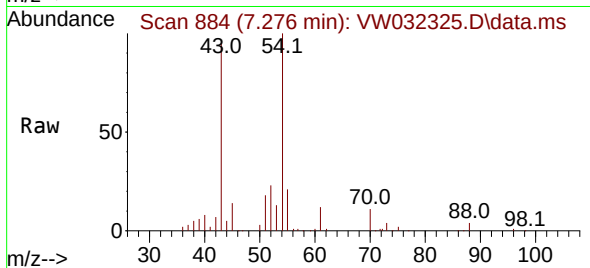




#37
Ethyl Acetate
Concen: 20.873 ug/l
RT: 7.276 min Scan# 884
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

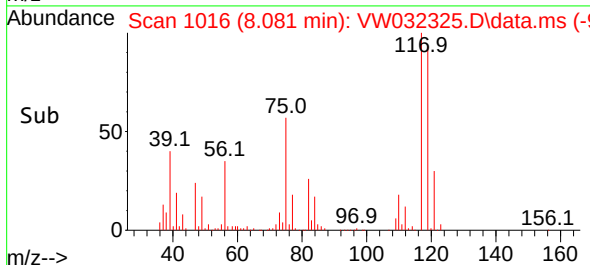
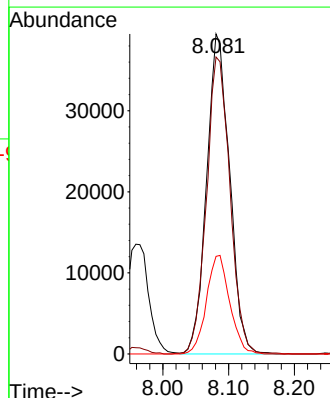
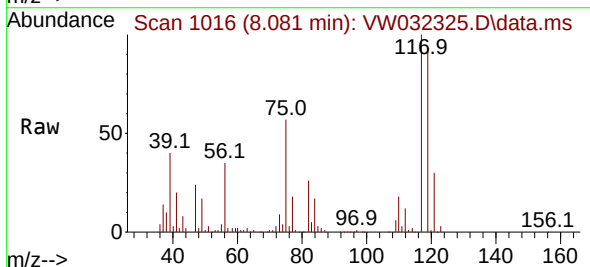
Instrument :
MSVOA_W
ClientSampleId :

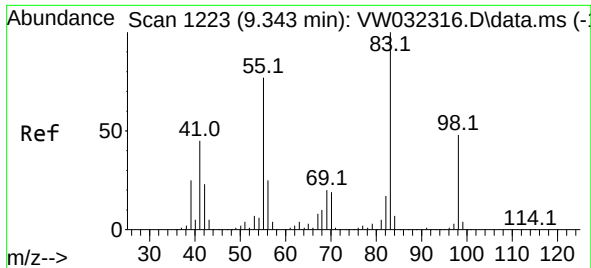
Tgt Ion: 43	Resp: 67894
Ion Ratio	Lower Upper
43 100	
61 13.6	11.3 16.9
70 11.1	8.9 13.3



#38
Carbon Tetrachloride
Concen: 20.893 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.007 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

Tgt Ion:117	Resp:	96076	
Ion	Ratio	Lower	Upper
117	100		
119	92.6	74.2	111.2
121	30.5	25.6	38.4

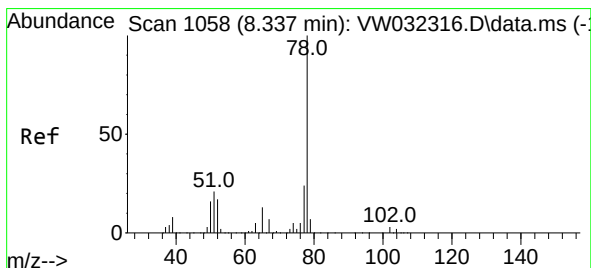
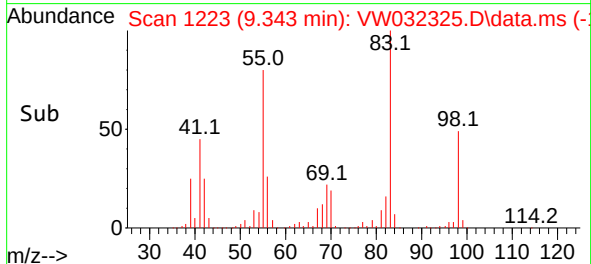
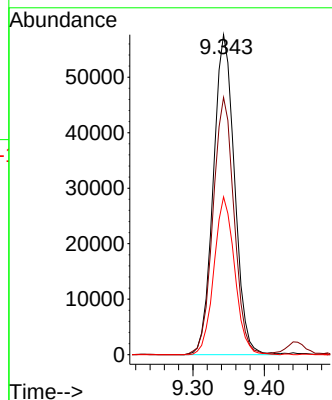
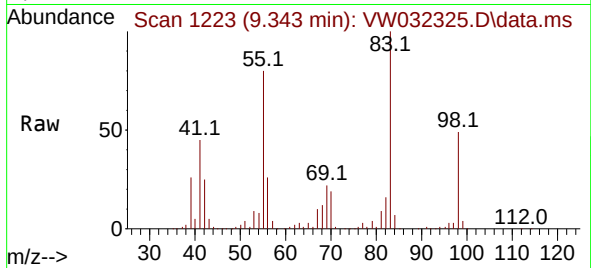




#39
Methylcyclohexane
Concen: 20.183 ug/l
RT: 9.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

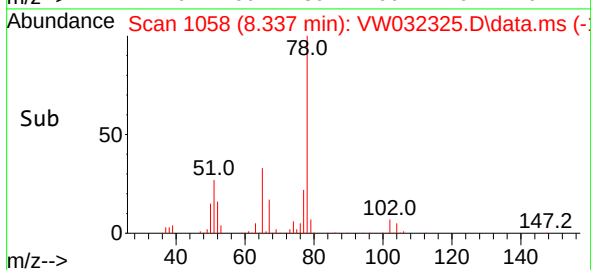
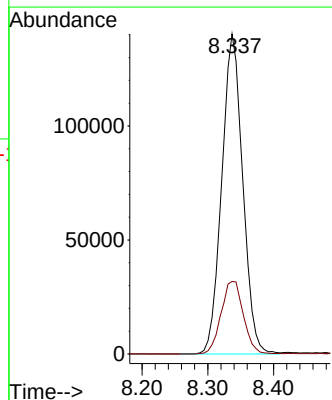
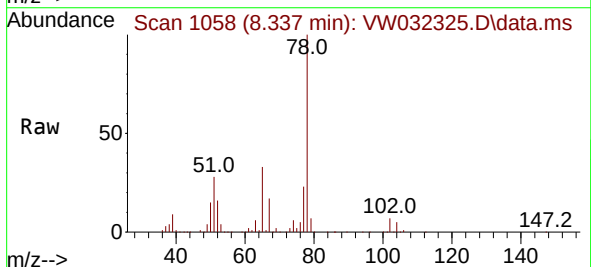
Instrument :
MSVOA_W
ClientSampleId :

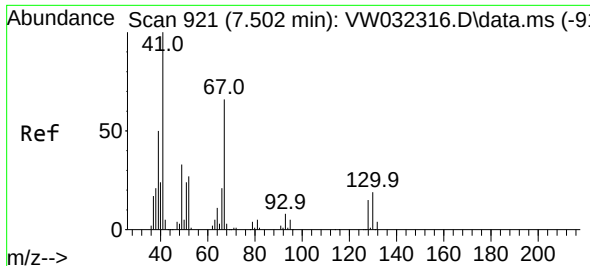
Tgt Ion: 83 Resp: 118968
Ion Ratio Lower Upper
83 100
55 80.4 58.4 87.6
98 49.3 39.4 59.2



#40
Benzene
Concen: 20.304 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

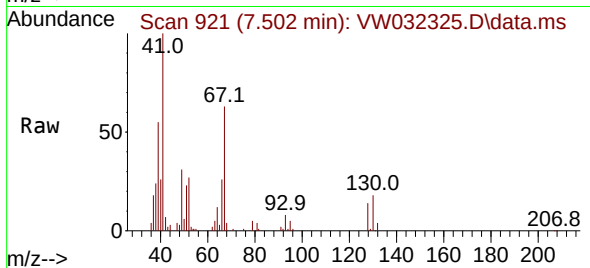
Tgt Ion: 78 Resp: 310996
Ion Ratio Lower Upper
78 100
77 22.6 20.7 31.1



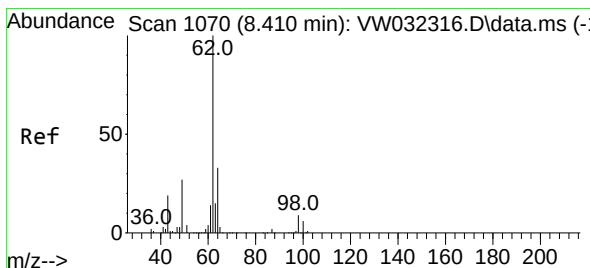
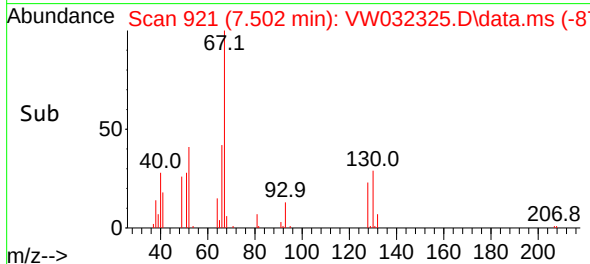
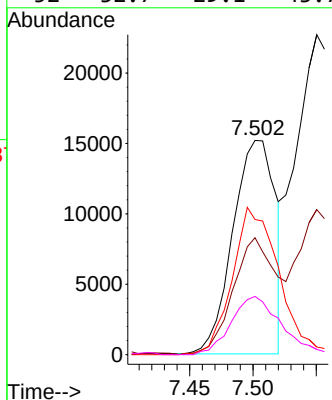


#41
Methacrylonitrile
Concen: 20.176 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

Instrument :
MSVOA_W
ClientSampleId :

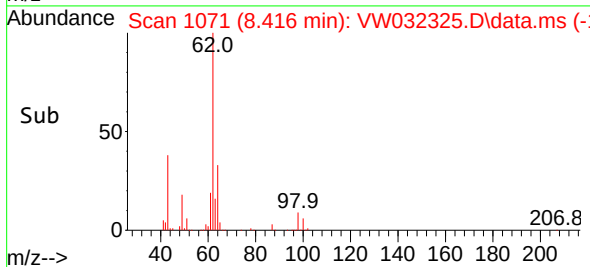
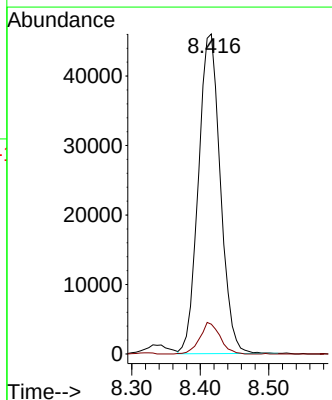
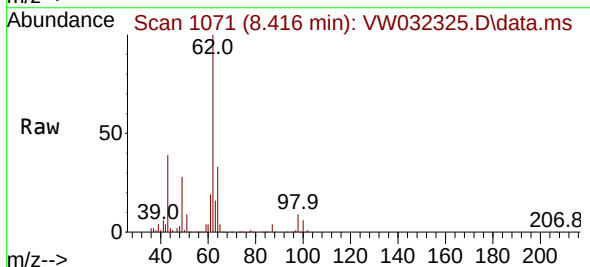


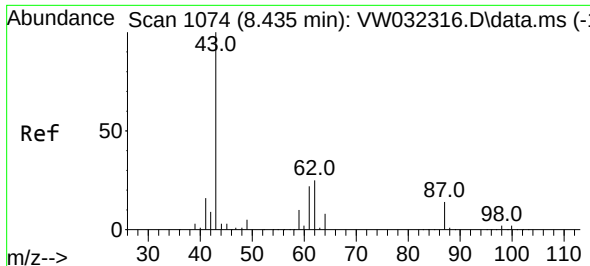
Tgt Ion: 41	Resp: 35367
Ion Ratio	Lower Upper
41 100	
39 57.8	50.9 76.3
67 76.0	65.6 98.4
52 32.7	29.1 43.7



#42
1,2-Dichloroethane
Concen: 20.432 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

Tgt Ion: 62	Resp: 102405
Ion Ratio	Lower Upper
62 100	
98 9.1	0.0 18.0

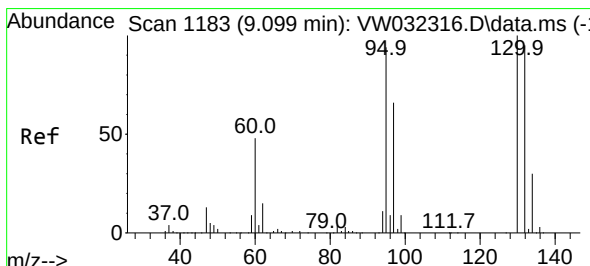
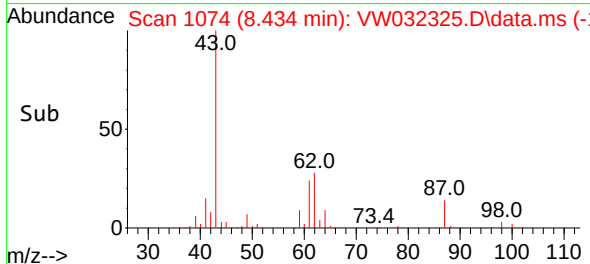
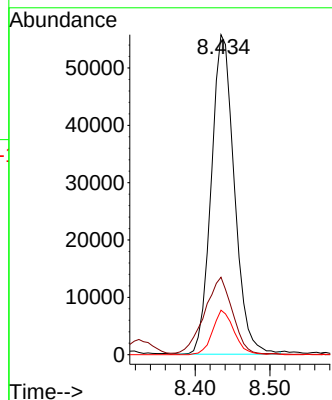
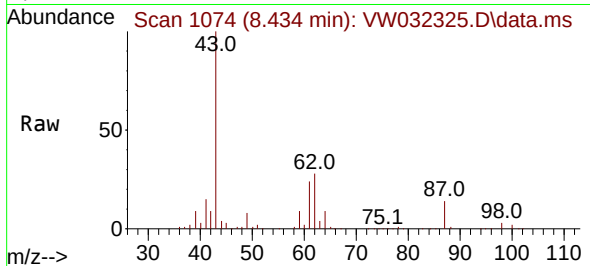




#43
Isopropyl Acetate
Concen: 20.738 ug/l
RT: 8.434 min Scan# 119660
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

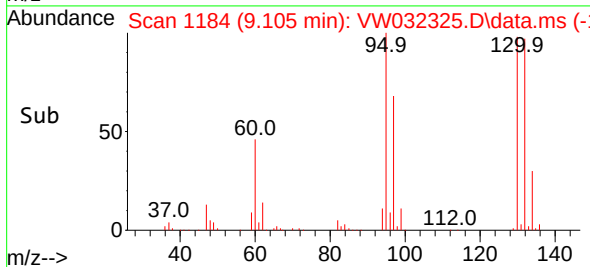
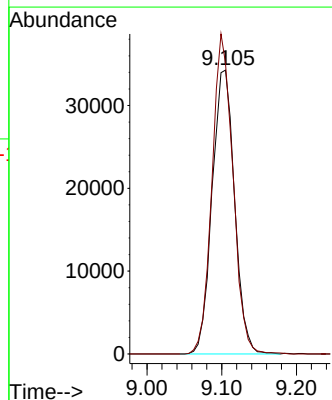
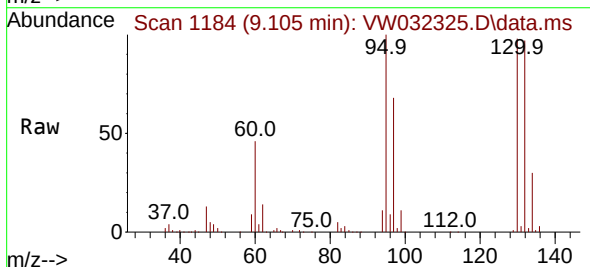
Instrument :
MSVOA_W
ClientSampleId :

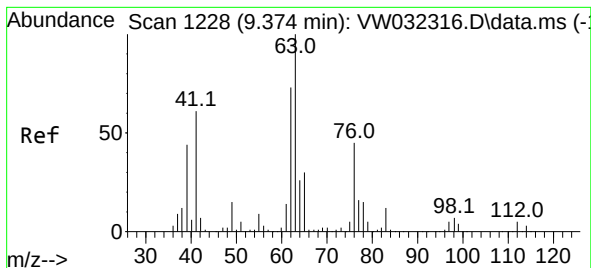
Tgt Ion: 43 Resp: 119660
Ion Ratio Lower Upper
43 100
61 29.6 23.3 34.9
87 12.9 11.1 16.7



#44
Trichloroethene
Concen: 19.908 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

Tgt Ion:130 Resp: 71401
Ion Ratio Lower Upper
130 100
95 102.5 0.0 220.0





#45

1,2-Dichloropropane

Concen: 20.621 ug/l

RT: 9.379 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VW032325.D

Acq: 02 Oct 2025 12:10

Instrument :

MSVOA_W

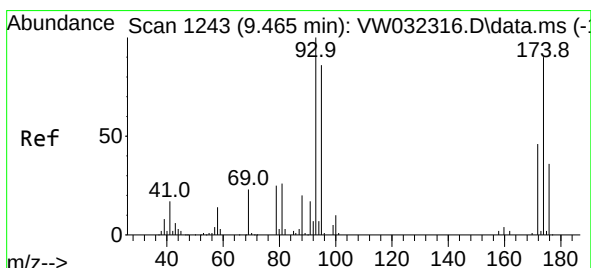
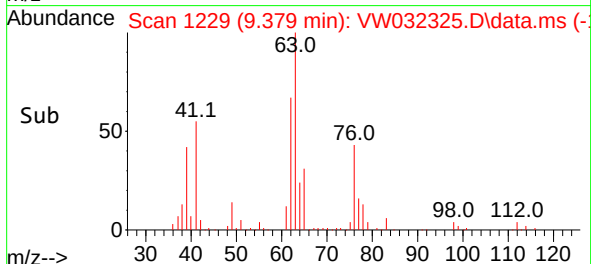
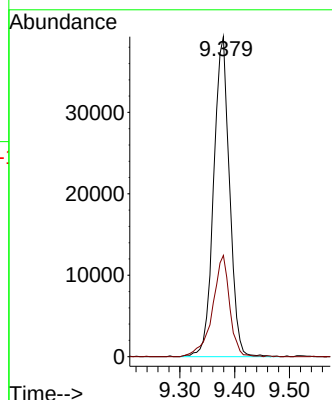
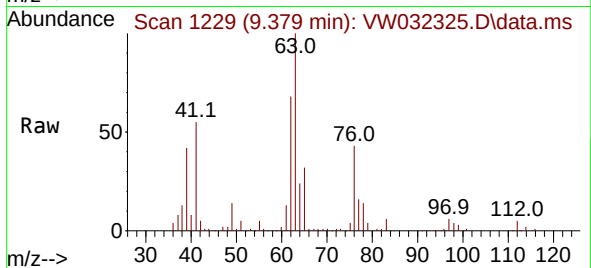
ClientSampleId :

Tgt Ion: 63 Resp: 78839

Ion Ratio Lower Upper

63 100

65 31.7 24.3 36.5



#46

Dibromomethane

Concen: 20.369 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032325.D

Acq: 02 Oct 2025 12:10

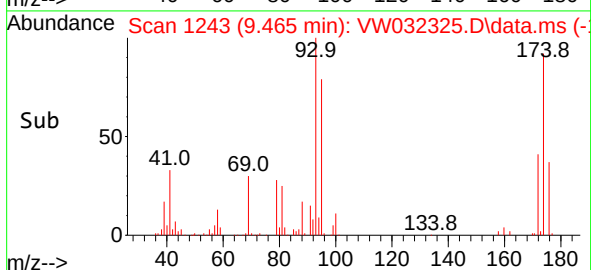
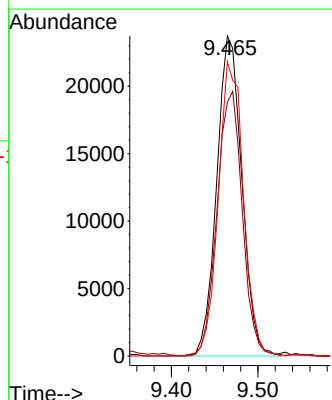
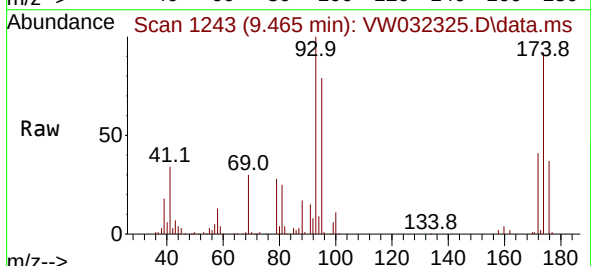
Tgt Ion: 93 Resp: 47886

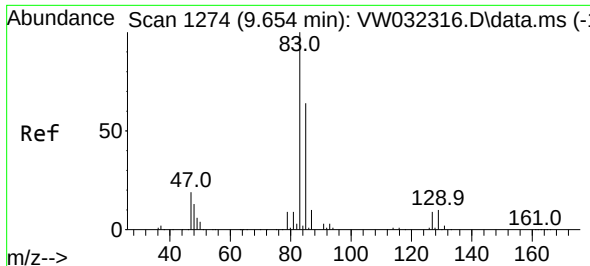
Ion Ratio Lower Upper

93 100

95 83.0 67.4 101.2

174 91.3 75.7 113.5

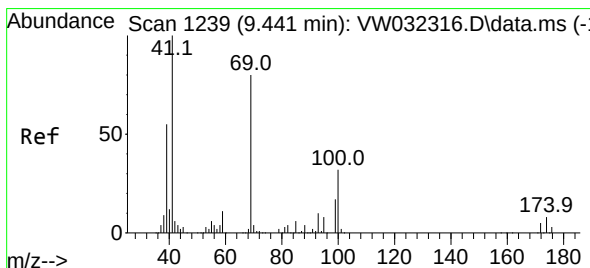
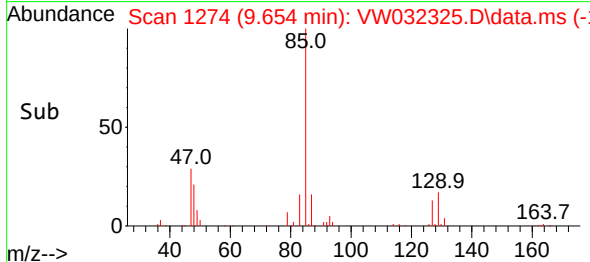
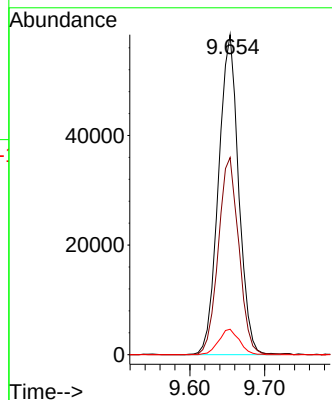
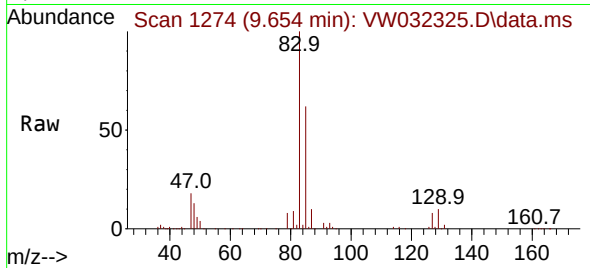




#47
Bromodichloromethane
Concen: 20.357 ug/l
RT: 9.654 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

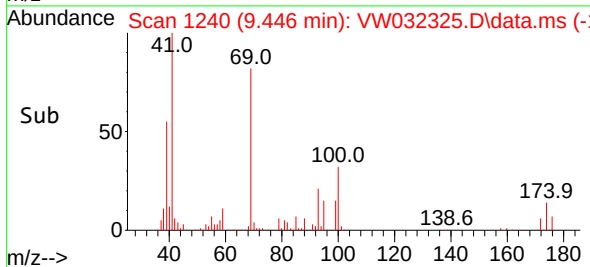
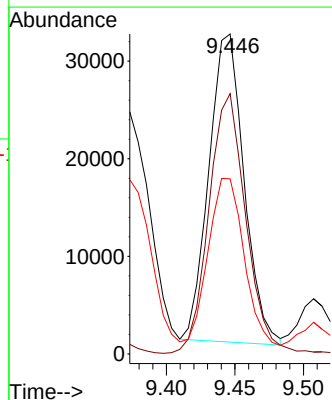
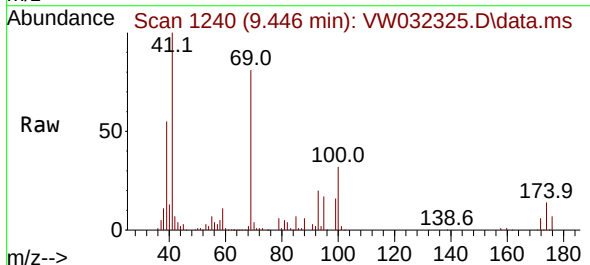
Instrument :
MSVOA_W
ClientSampleId :

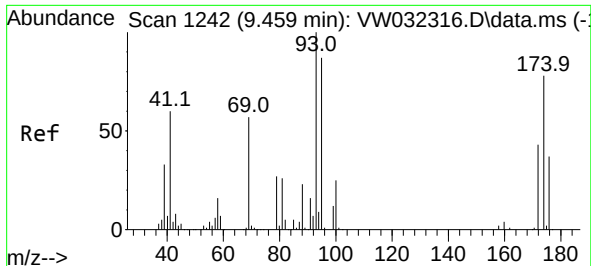
Tgt Ion: 83 Resp: 109464
Ion Ratio Lower Upper
83 100
85 61.6 48.7 73.1
127 8.0 6.4 9.6



#48
Methyl methacrylate
Concen: 20.057 ug/l
RT: 9.446 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

Tgt Ion: 41 Resp: 56269
Ion Ratio Lower Upper
41 100
69 88.9 71.5 107.3
39 60.9 55.9 83.9





#49

1,4-Dioxane

Concen: 413.337 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032325.D

Acq: 02 Oct 2025 12:10

Instrument :

MSVOA_W

ClientSampleId :

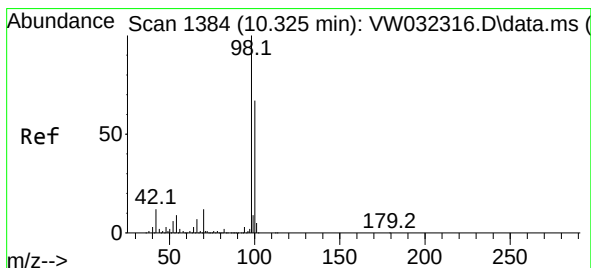
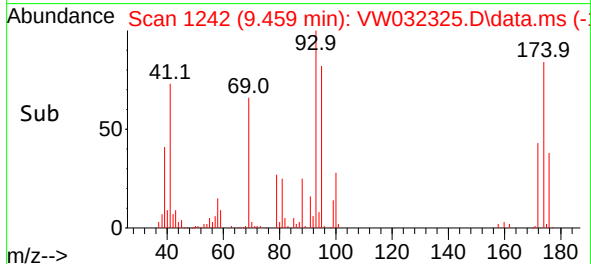
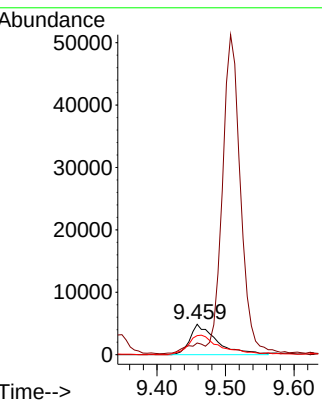
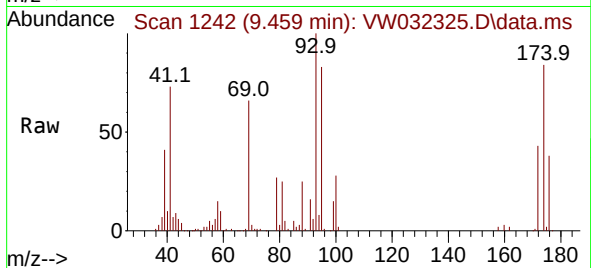
Tgt Ion: 88 Resp: 13282

Ion Ratio Lower Upper

88 100

43 26.6 18.0 27.0

58 75.9 55.4 83.0



#50

Toluene-d8

Concen: 50.165 ug/l

RT: 10.324 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032325.D

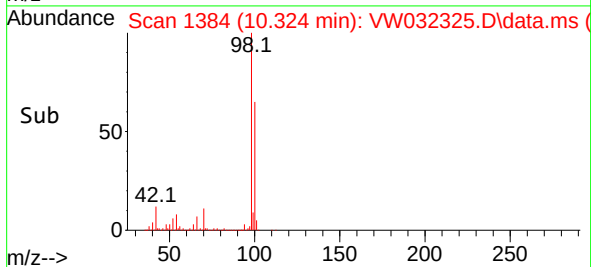
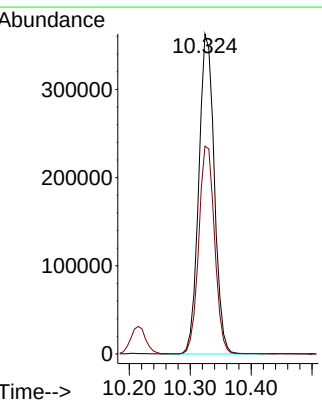
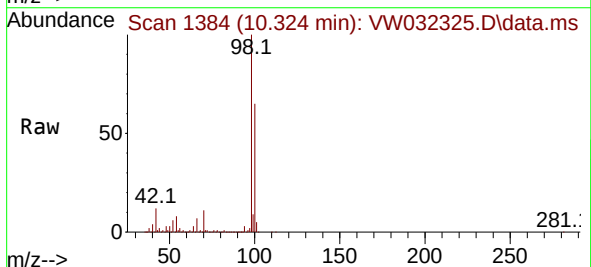
Acq: 02 Oct 2025 12:10

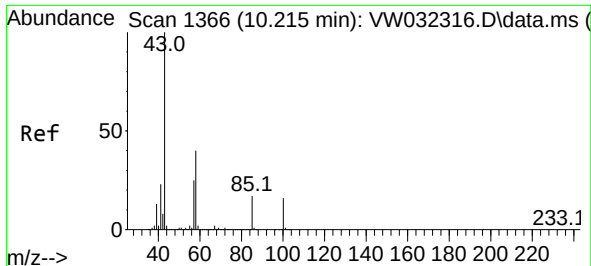
Tgt Ion: 98 Resp: 641089

Ion Ratio Lower Upper

98 100

100 66.3 51.4 77.2

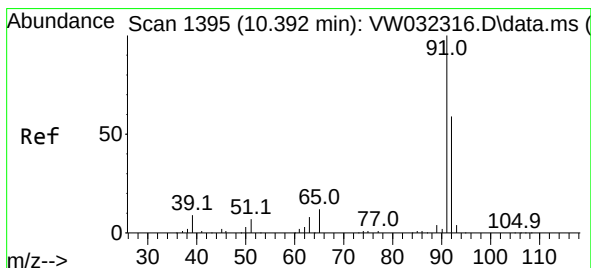
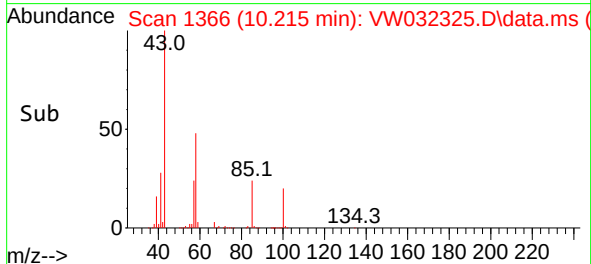
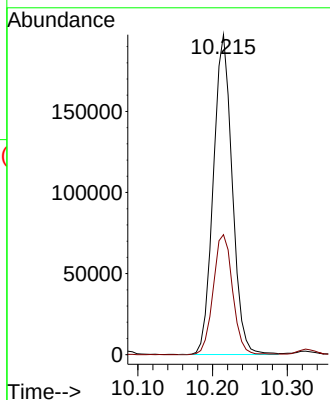
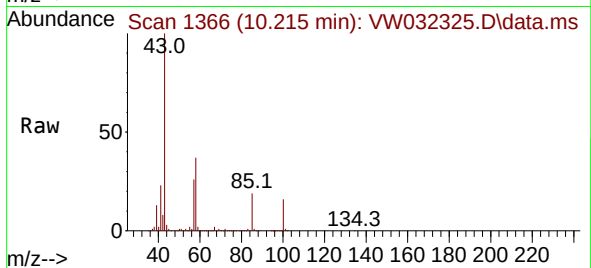




#51
4-Methyl-2-Pentanone
Concen: 103.722 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

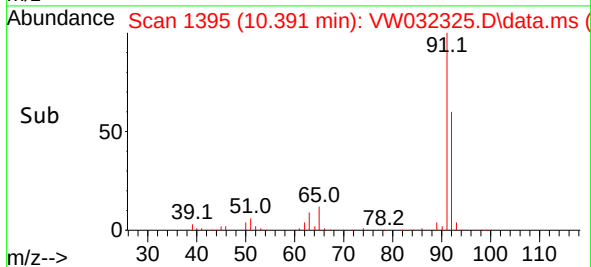
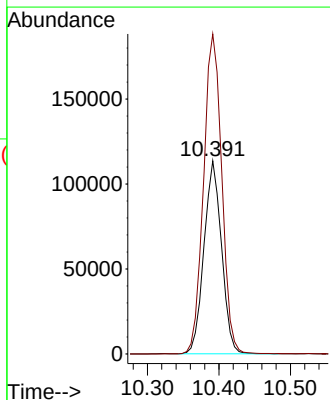
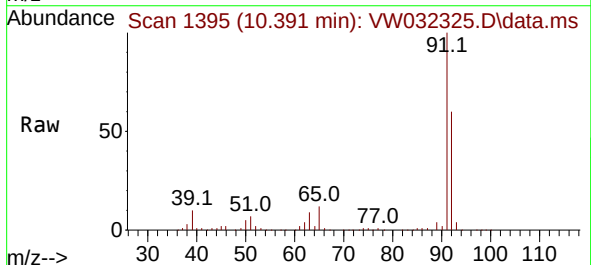
Instrument :
MSVOA_W
ClientSampleId :

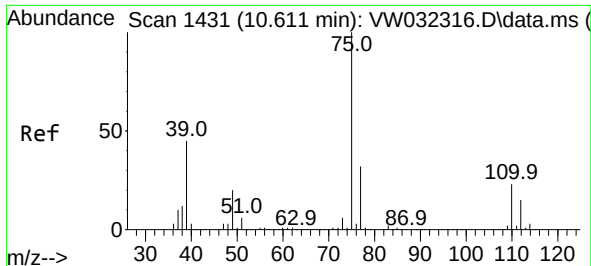
Tgt Ion: 43 Resp: 346648
Ion Ratio Lower Upper
43 100
58 38.7 32.0 48.0



#52
Toluene
Concen: 20.324 ug/l
RT: 10.391 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

Tgt Ion: 92 Resp: 193861
Ion Ratio Lower Upper
92 100
91 172.1 137.5 206.3

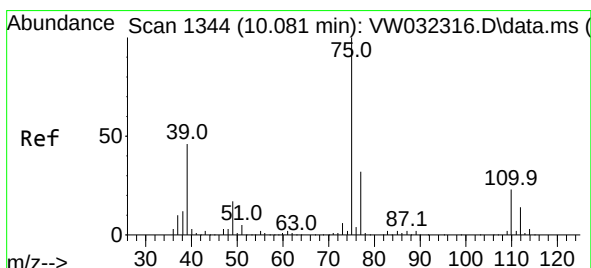
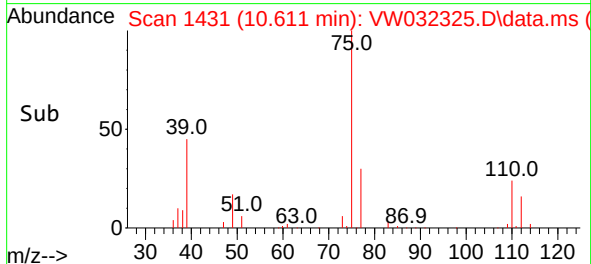
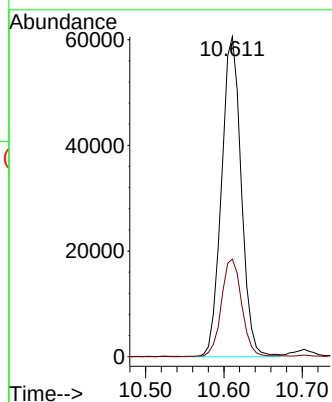
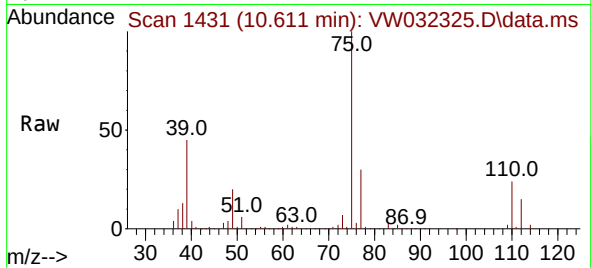




#53
t-1,3-Dichloropropene
Concen: 20.335 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

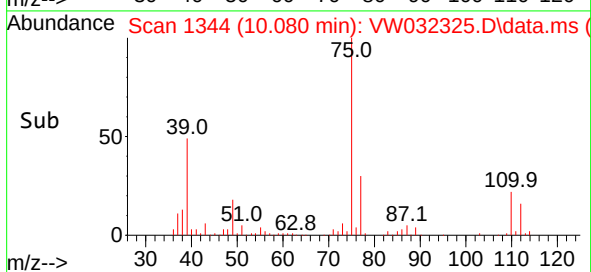
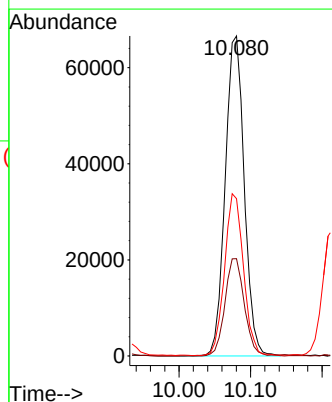
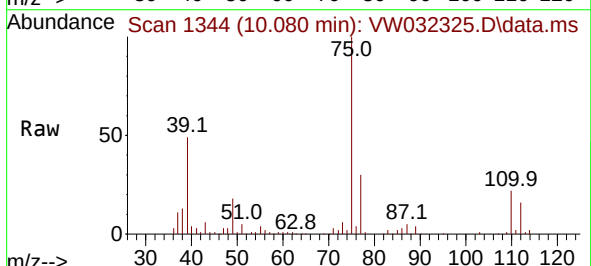
Instrument :
MSVOA_W
ClientSampleId :

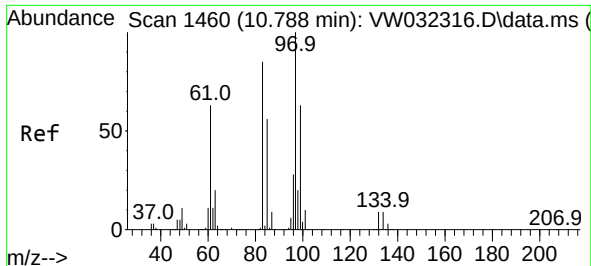
Tgt Ion: 75 Resp: 106084
Ion Ratio Lower Upper
75 100
77 30.4 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 20.495 ug/l
RT: 10.080 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

Tgt Ion: 75 Resp: 123159
Ion Ratio Lower Upper
75 100
77 30.4 25.1 37.7
39 48.9 43.2 64.8

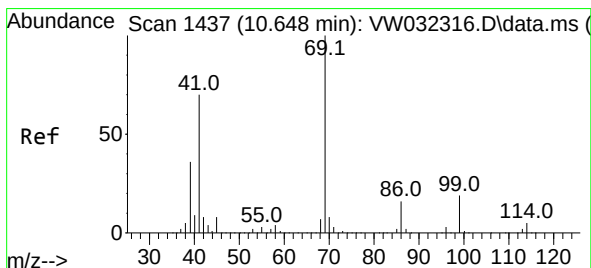
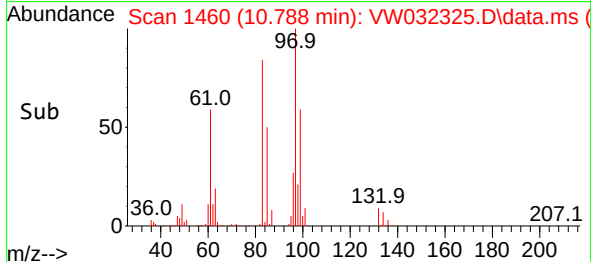
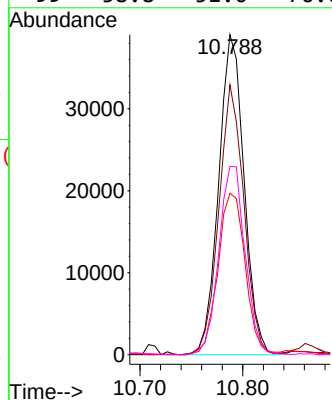
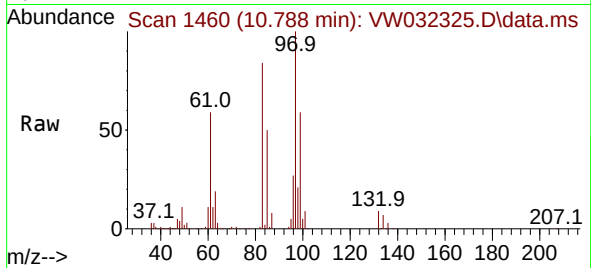




#55
1,1,2-Trichloroethane
Concen: 21.326 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

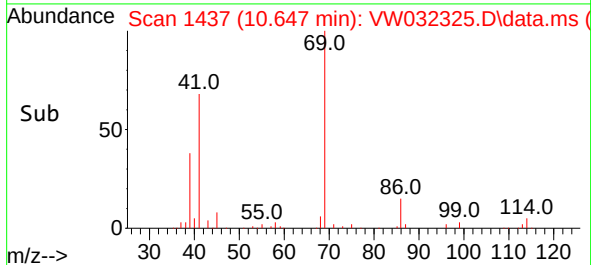
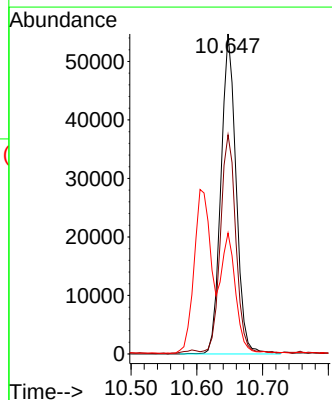
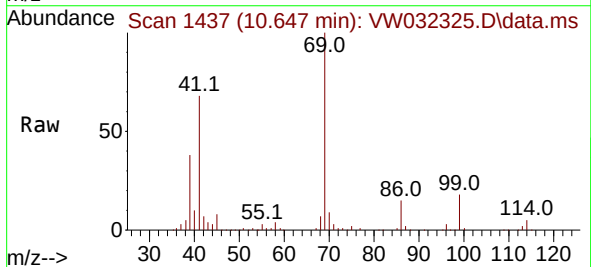
Instrument :
MSVOA_W
ClientSampleId :

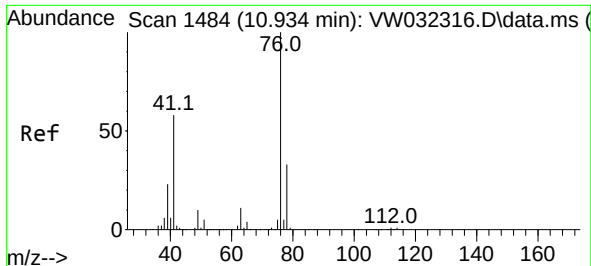
Tgt Ion: 97	Resp: 67010
Ion Ratio	Lower Upper
97 100	
83 84.3	71.0 106.6
85 50.5	42.8 64.2
99 58.8	51.0 76.6



#56
Ethyl methacrylate
Concen: 19.970 ug/l
RT: 10.647 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

Tgt Ion: 69	Resp: 87830
Ion Ratio	Lower Upper
69 100	
41 69.1	53.2 79.8
39 35.3	32.9 49.3





#57

1,3-Dichloropropane

Concen: 20.621 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032325.D

Acq: 02 Oct 2025 12:10

Instrument :

MSVOA_W

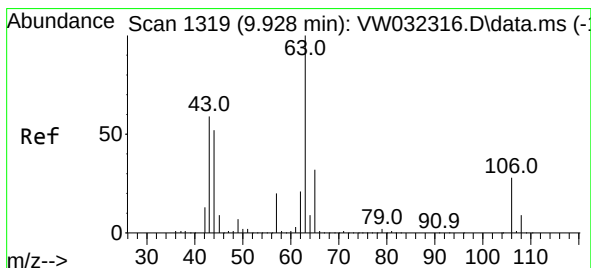
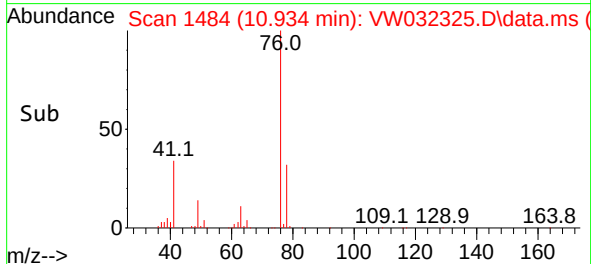
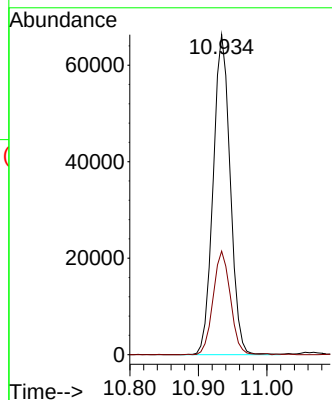
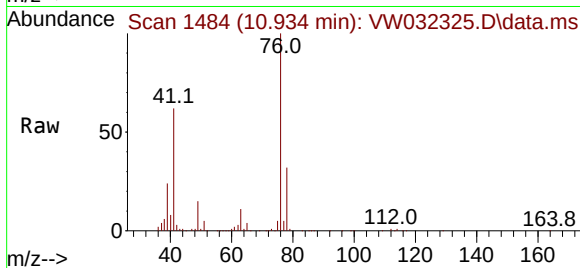
ClientSampleId :

Tgt Ion: 76 Resp: 114439

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 94.291 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032325.D

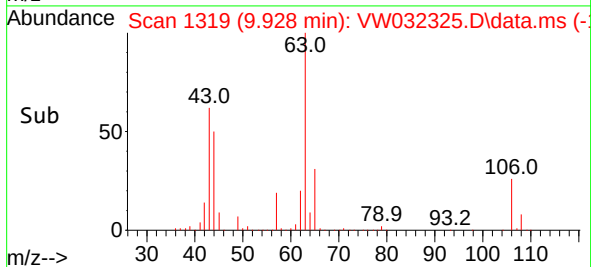
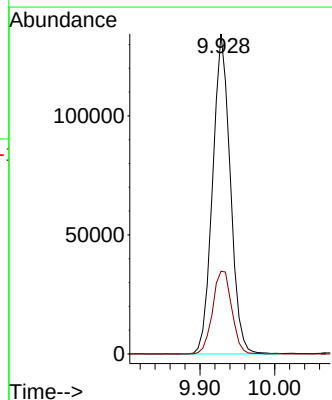
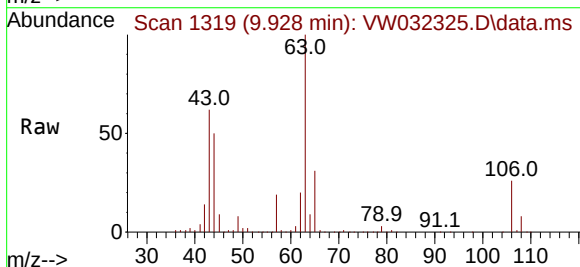
Acq: 02 Oct 2025 12:10

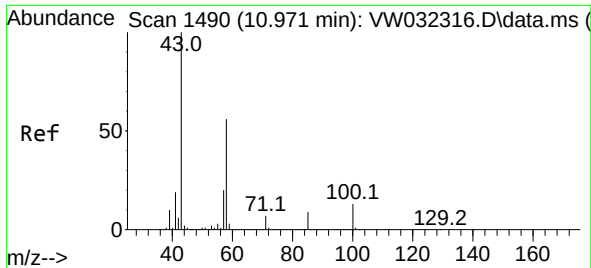
Tgt Ion: 63 Resp: 220699

Ion Ratio Lower Upper

63 100

106 28.0 24.3 36.5

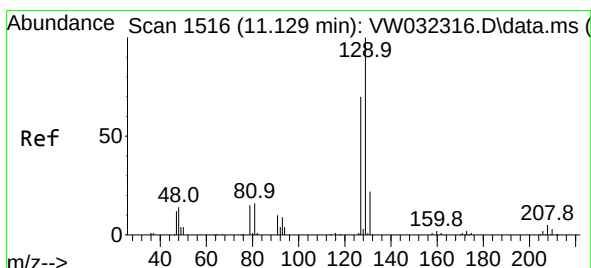
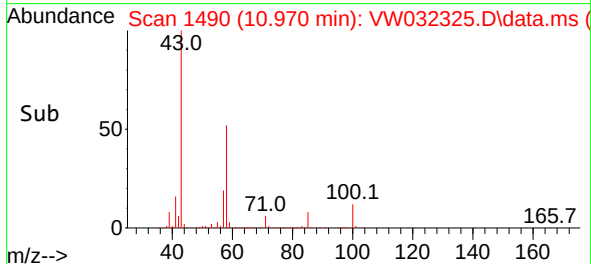
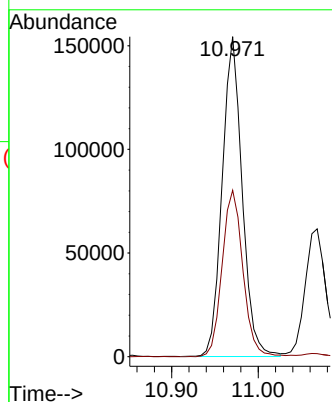
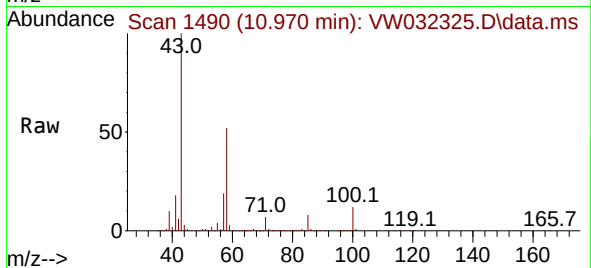




#59
2-Hexanone
Concen: 104.917 ug/l
RT: 10.970 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

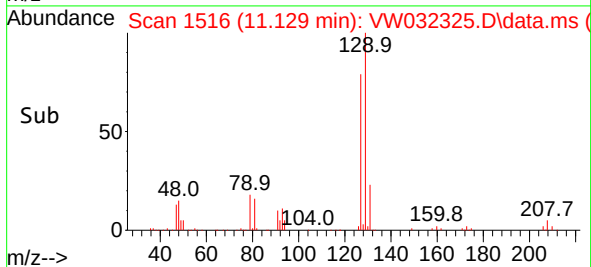
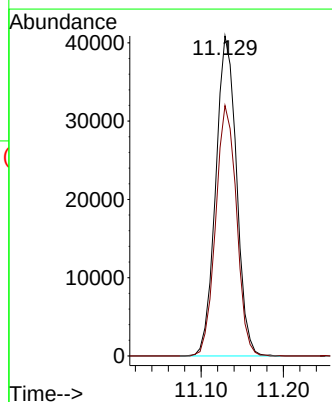
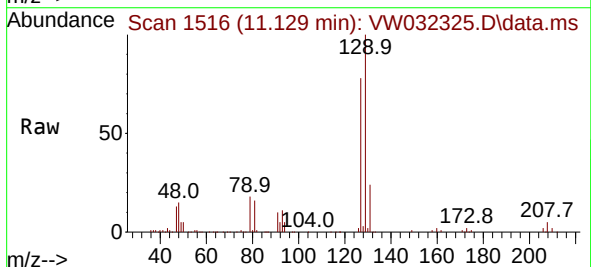
Instrument :
MSVOA_W
ClientSampleId :

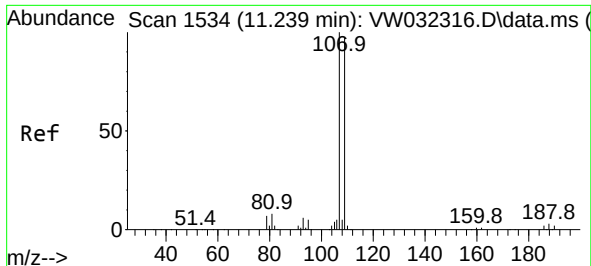
Tgt Ion: 43 Resp: 247303
Ion Ratio Lower Upper
43 100
58 54.0 27.5 82.4



#60
Dibromochloromethane
Concen: 20.122 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

Tgt Ion:129 Resp: 71791
Ion Ratio Lower Upper
129 100
127 78.5 38.1 114.5

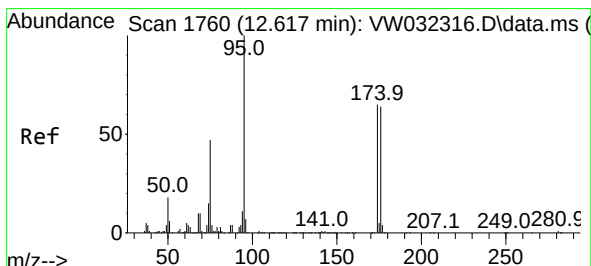
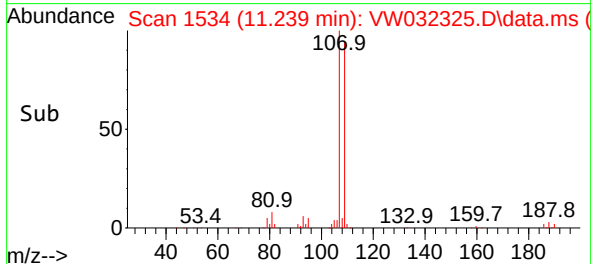
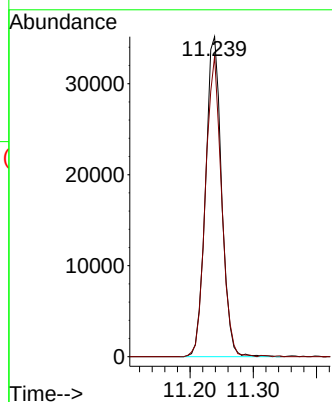
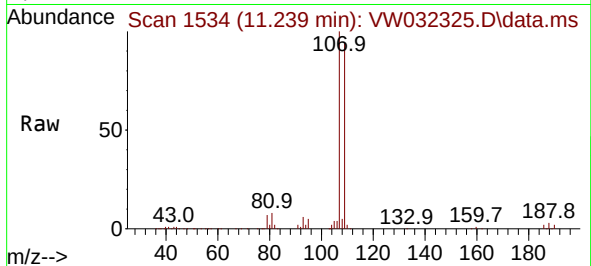




#61
1,2-Dibromoethane
Concen: 20.212 ug/l
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

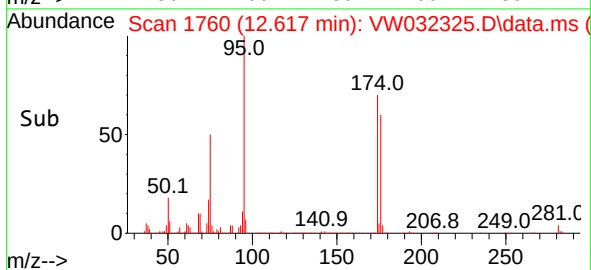
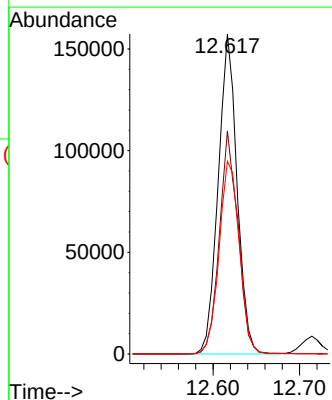
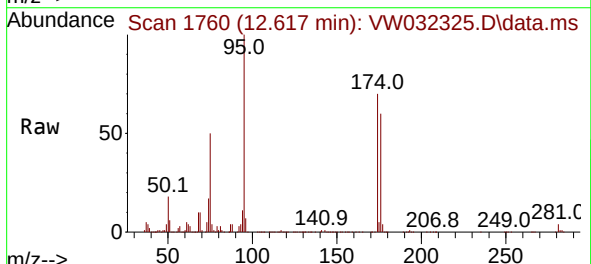
Instrument :
MSVOA_W
ClientSampleId :

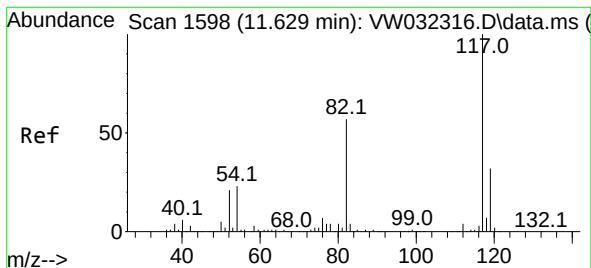
Tgt Ion:107 Resp: 61927
Ion Ratio Lower Upper
107 100
109 94.0 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 49.274 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

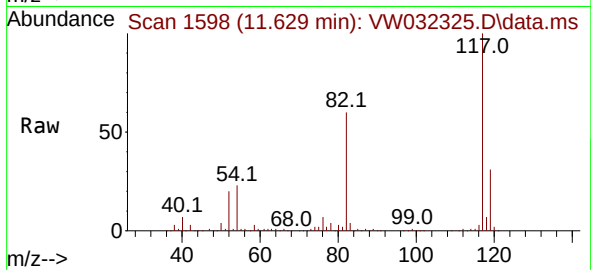
Tgt Ion: 95 Resp: 238010
Ion Ratio Lower Upper
95 100
174 68.7 0.0 145.6
176 64.8 0.0 140.8



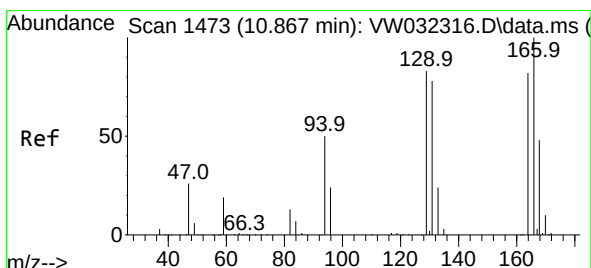
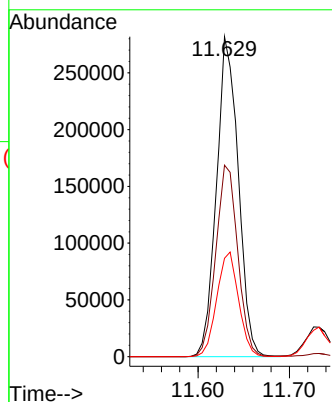
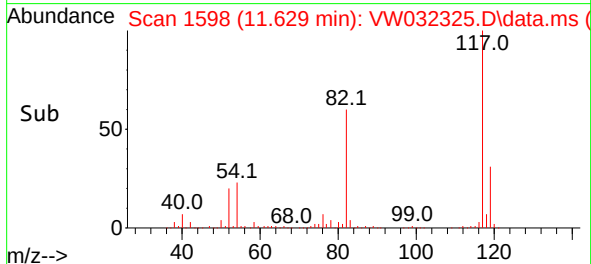


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

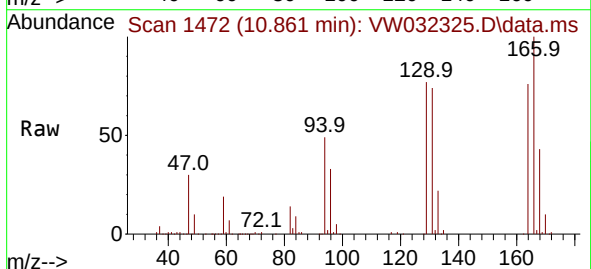
Instrument :
MSVOA_W
ClientSampleId :



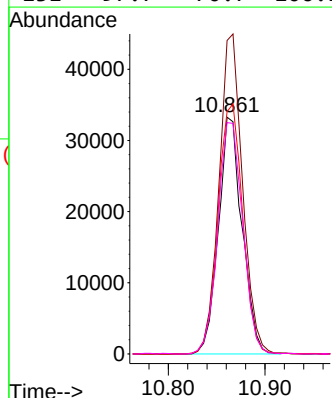
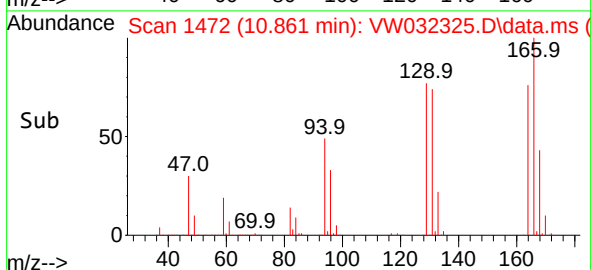
Tgt Ion:117 Resp: 467867
Ion Ratio Lower Upper
117 100
82 59.9 42.7 64.1
119 30.8 25.2 37.8

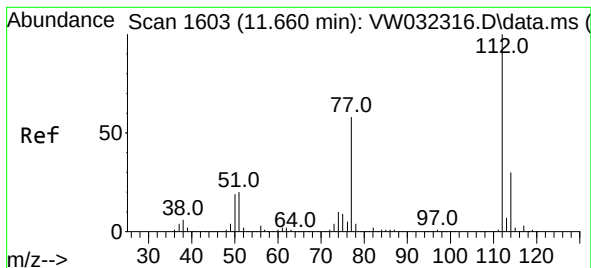


#64
Tetrachloroethene
Concen: 20.222 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.007 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10



Tgt Ion:164 Resp: 56614
Ion Ratio Lower Upper
164 100
166 132.4 97.5 146.3
129 102.3 71.2 106.8
131 97.7 70.7 106.1





#65

Chlorobenzene

Concen: 21.078 ug/l

RT: 11.659 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032325.D

Acq: 02 Oct 2025 12:10

Instrument :

MSVOA_W

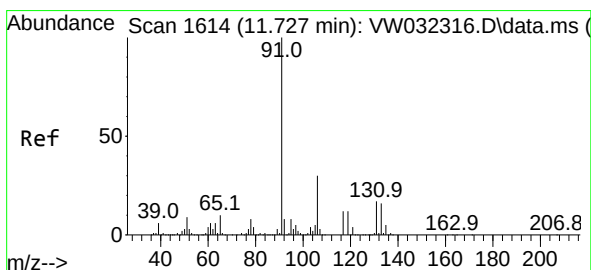
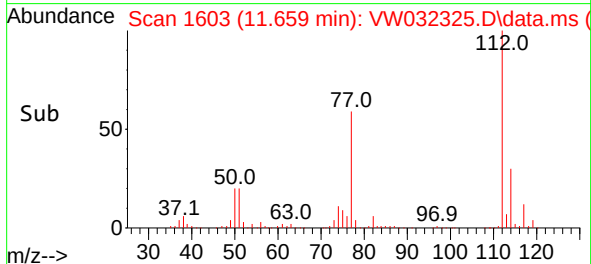
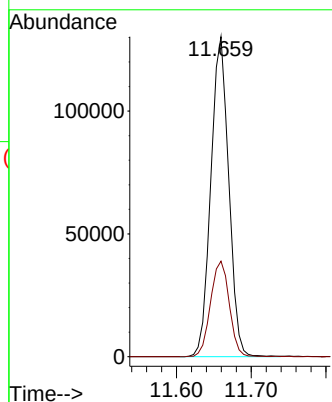
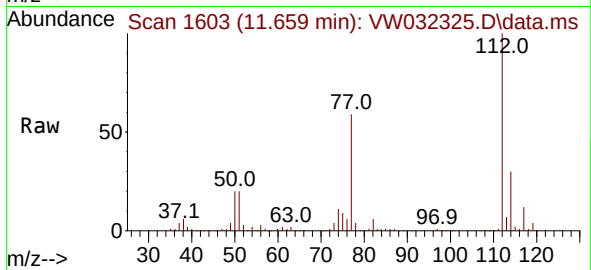
ClientSampleId :

Tgt Ion:112 Resp: 216986

Ion Ratio Lower Upper

112 100

114 29.8 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 21.093 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW032325.D

Acq: 02 Oct 2025 12:10

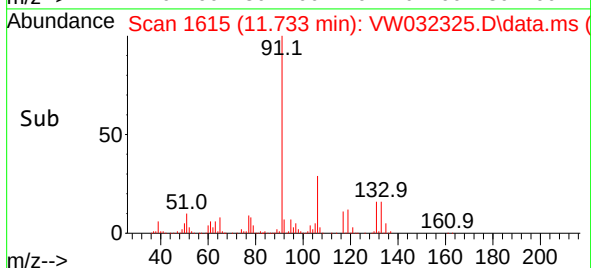
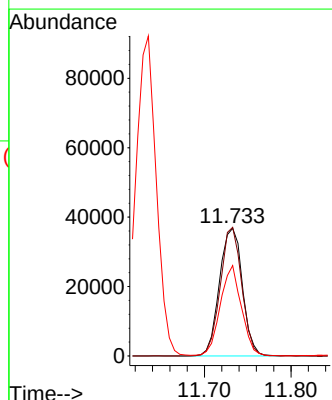
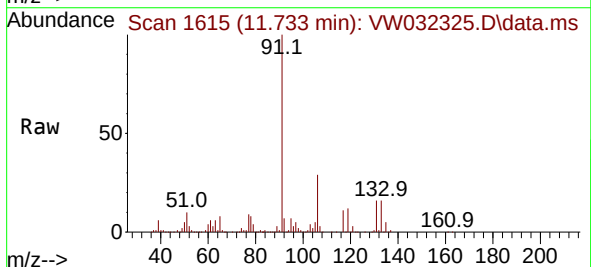
Tgt Ion:131 Resp: 67629

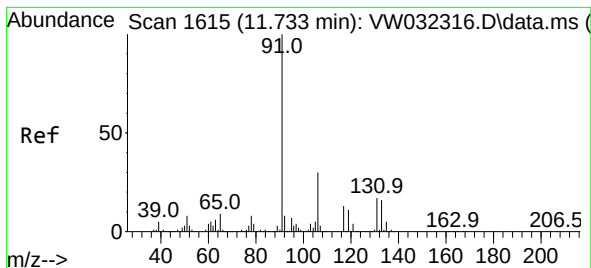
Ion Ratio Lower Upper

131 100

133 94.7 47.7 143.1

119 65.0 32.8 98.3

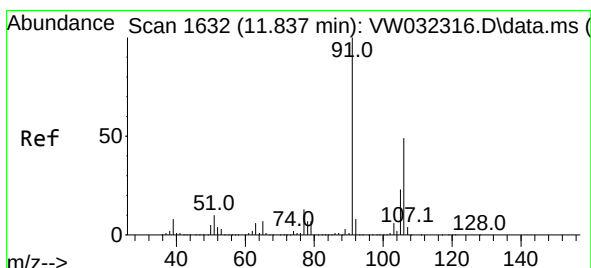
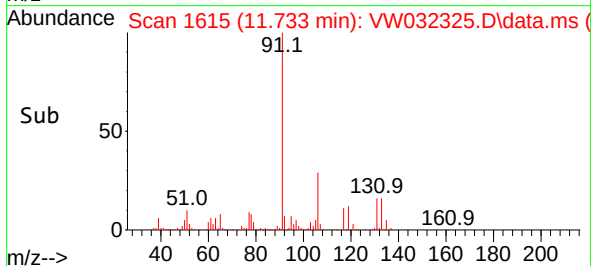
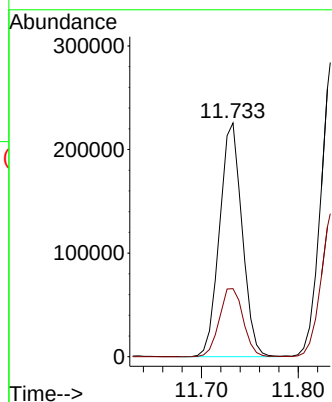
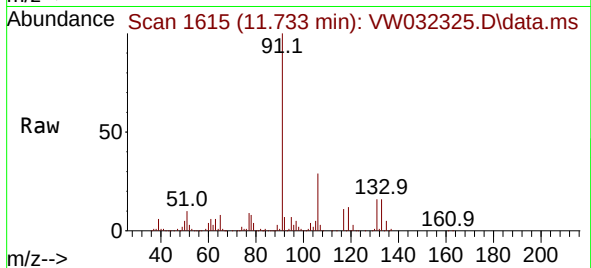




#67
Ethyl Benzene
Concen: 21.268 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

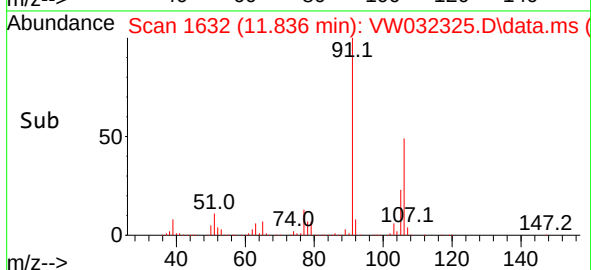
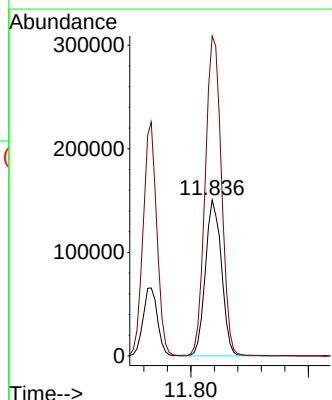
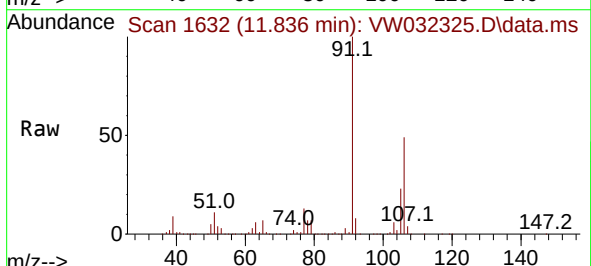
Instrument :
MSVOA_W
ClientSampleId :

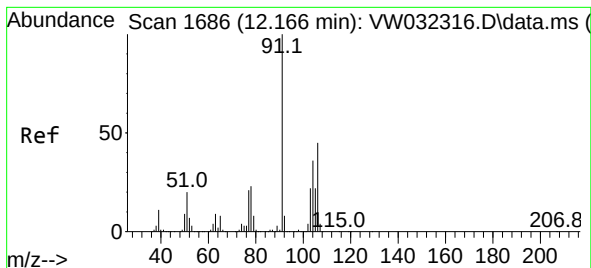
Tgt Ion: 91 Resp: 364939
Ion Ratio Lower Upper
91 100
106 29.1 25.3 37.9



#68
m/p-Xylenes
Concen: 43.151 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

Tgt Ion:106 Resp: 285522
Ion Ratio Lower Upper
106 100
91 206.7 164.2 246.2





#69

o-Xylene

Concen: 21.238 ug/l

RT: 12.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032325.D

Acq: 02 Oct 2025 12:10

Instrument :

MSVOA_W

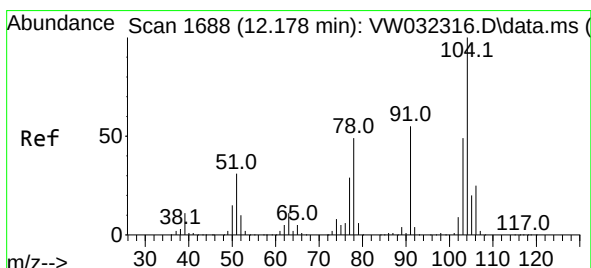
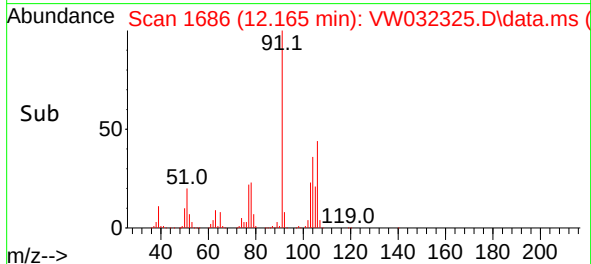
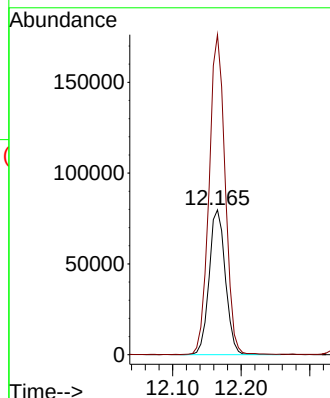
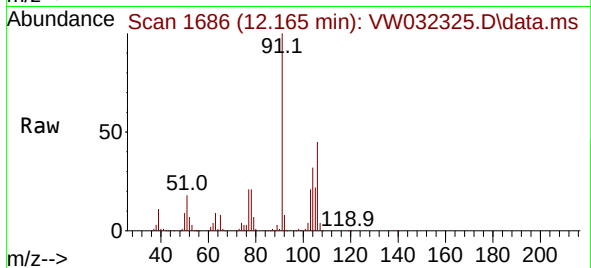
ClientSampleId :

Tgt Ion:106 Resp: 131419

Ion Ratio Lower Upper

106 100

91 218.1 108.7 326.3



#70

Styrene

Concen: 21.967 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW032325.D

Acq: 02 Oct 2025 12:10

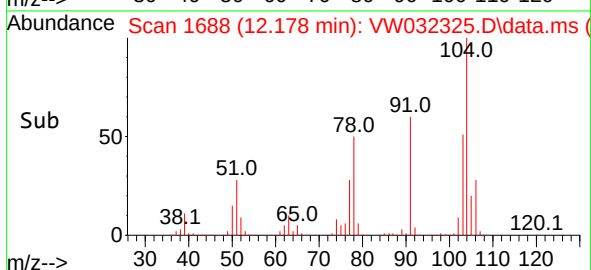
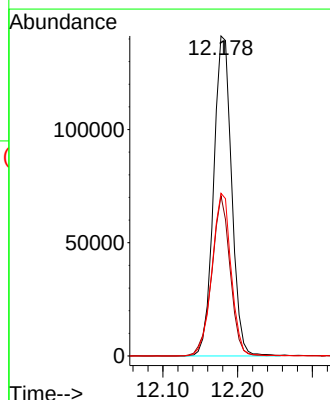
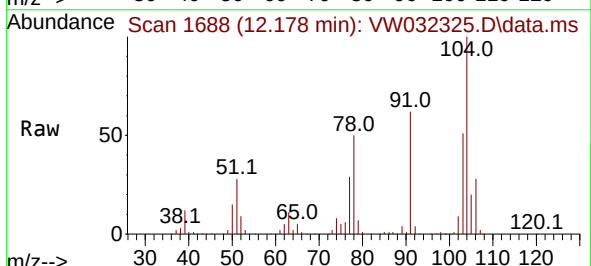
Tgt Ion:104 Resp: 237322

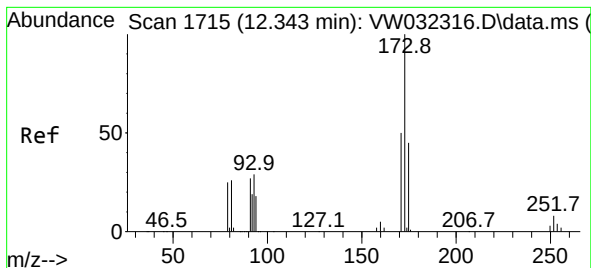
Ion Ratio Lower Upper

104 100

78 51.1 41.6 62.4

103 53.9 44.8 67.2





#71

Bromoform

Concen: 20.890 ug/l

RT: 12.348 min Scan# 1715

Delta R.T. -0.000 min

Lab File: VW032325.D

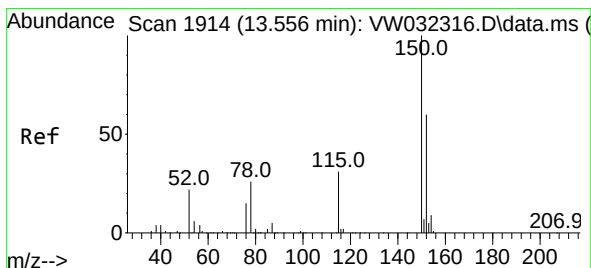
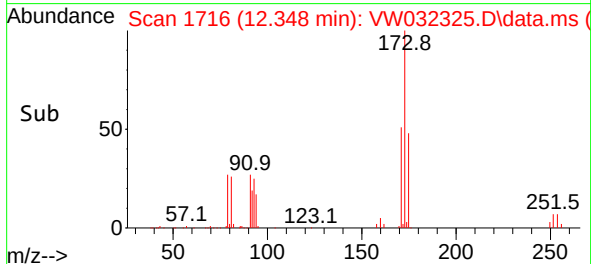
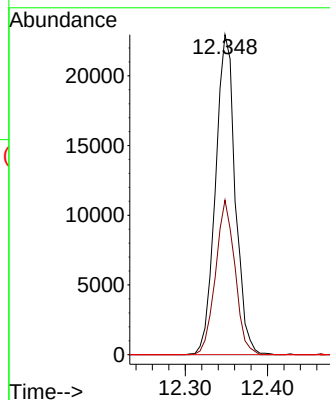
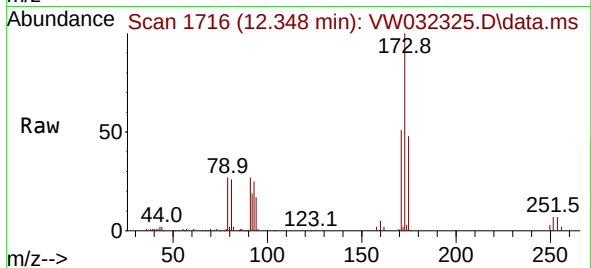
Acq: 02 Oct 2025 12:10

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173	Resp:	38393
Ion Ratio	Lower	Upper
173	100	
175	47.3	24.9 74.7
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

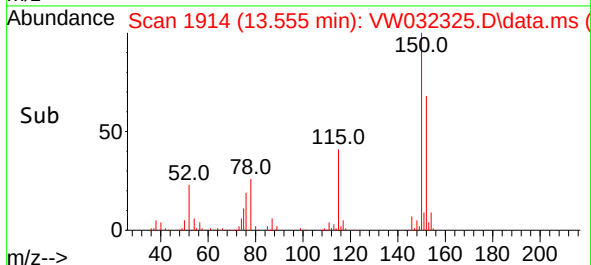
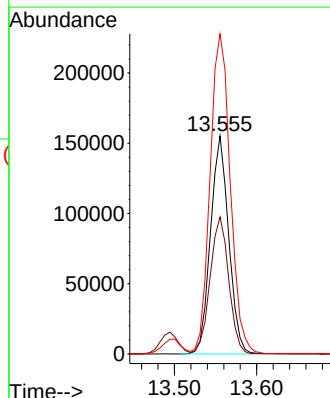
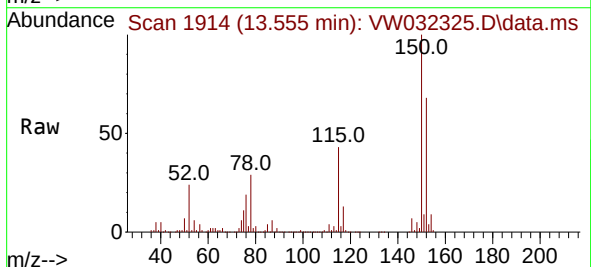
RT: 13.555 min Scan# 1914

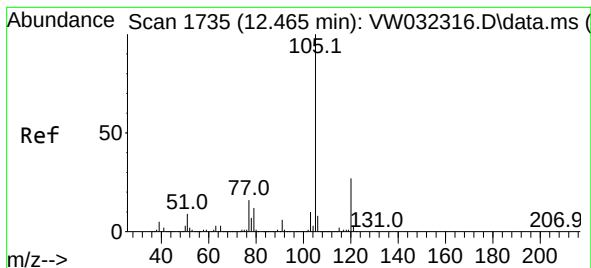
Delta R.T. -0.000 min

Lab File: VW032325.D

Acq: 02 Oct 2025 12:10

Tgt Ion:152	Resp:	239286
Ion Ratio	Lower	Upper
152	100	
115	64.4	31.8 95.4
150	162.0	0.0 343.0





#73

Isopropylbenzene

Concen: 20.637 ug/l

RT: 12.464 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032325.D

Acq: 02 Oct 2025 12:10

Instrument :

MSVOA_W

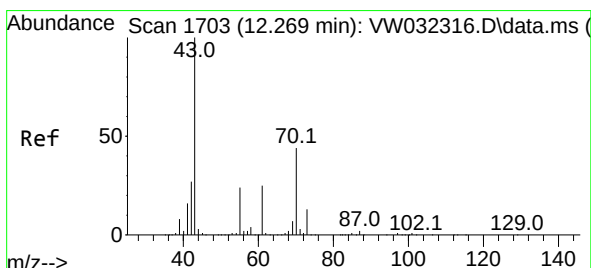
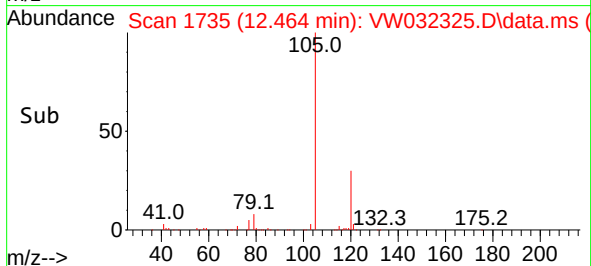
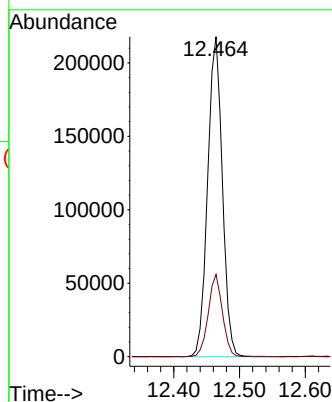
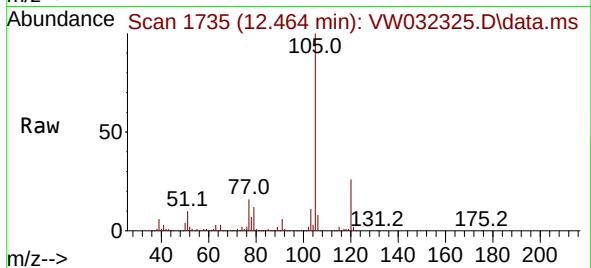
ClientSampleId :

Tgt Ion:105 Resp: 337841

Ion Ratio Lower Upper

105 100

120 24.8 13.0 38.9



#74

N-ethyl acetate

Concen: 20.599 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VW032325.D

Acq: 02 Oct 2025 12:10

Tgt Ion: 43 Resp: 107577

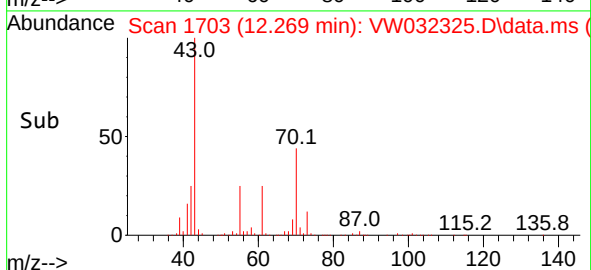
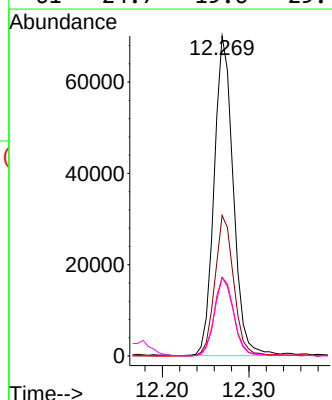
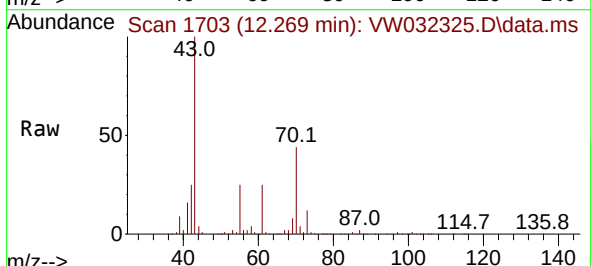
Ion Ratio Lower Upper

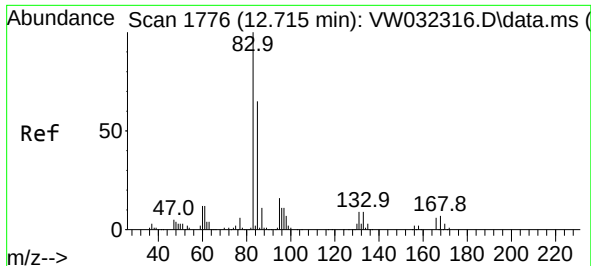
43 100

70 43.4 35.3 52.9

55 25.1 19.9 29.9

61 24.7 19.6 29.4

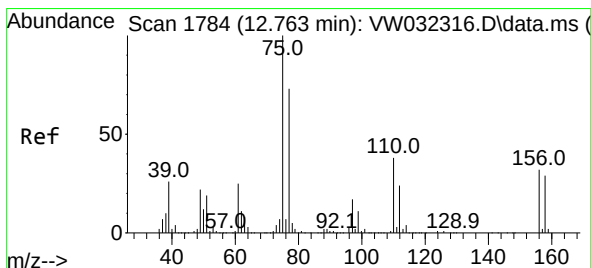
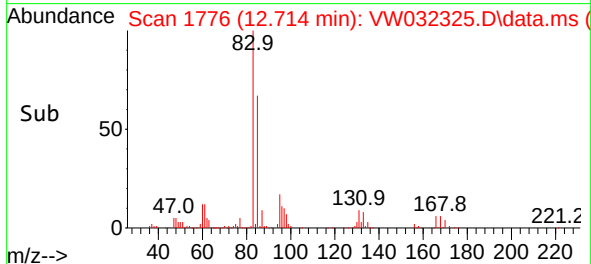
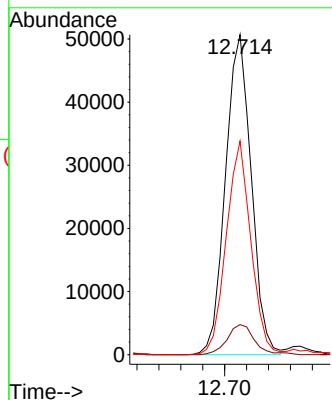
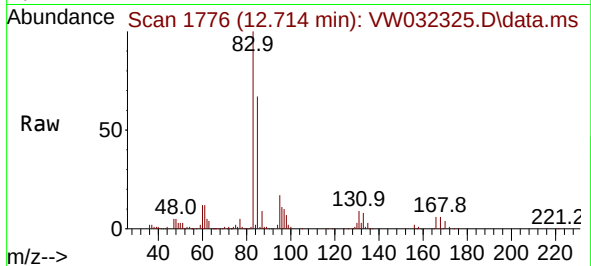




#75
1,1,2,2-Tetrachloroethane
Concen: 20.357 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

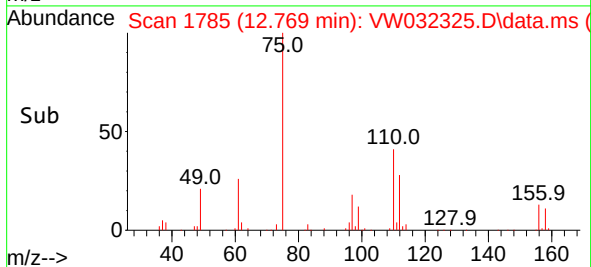
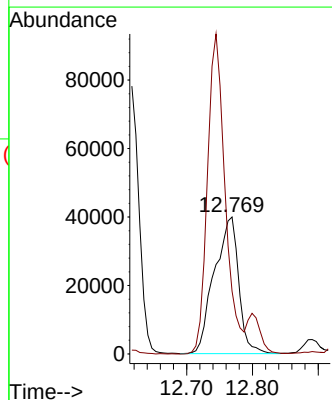
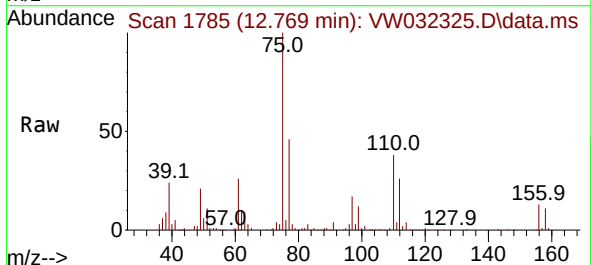
Instrument :
MSVOA_W
ClientSampleId :

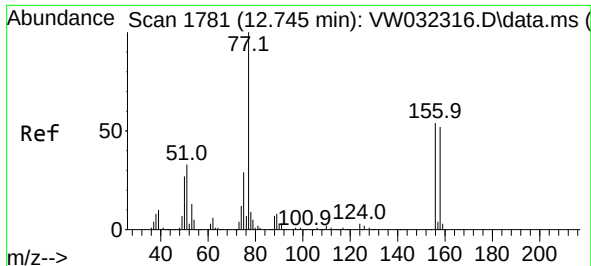
Tgt Ion: 83 Resp: 82748
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.4
85 63.6 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 32.714 ug/l
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

Tgt Ion: 75 Resp: 103014
Ion Ratio Lower Upper
75 100
77 0.0 141.7 425.1#

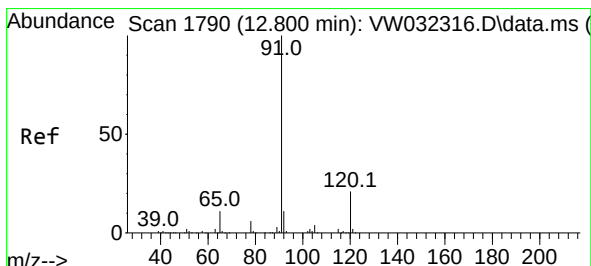
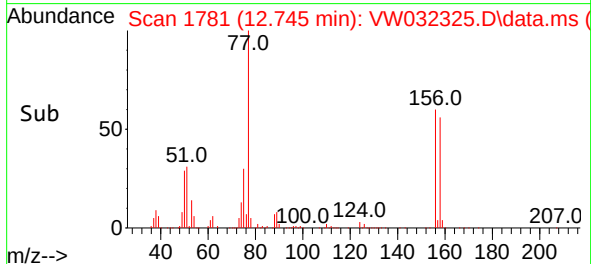
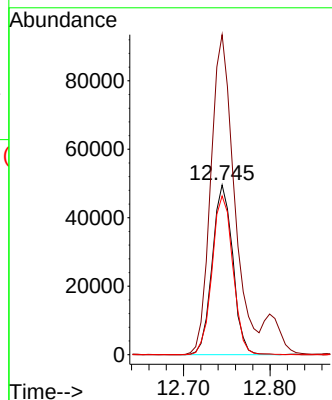
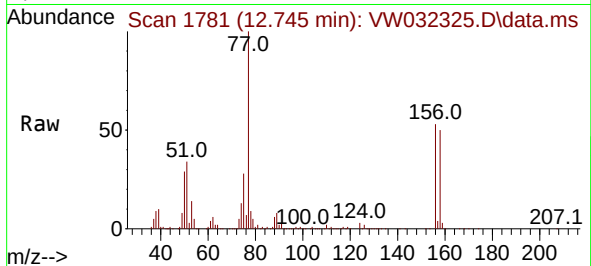




#77
Bromobenzene
Concen: 20.646 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

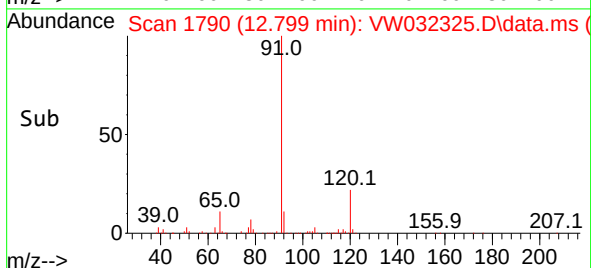
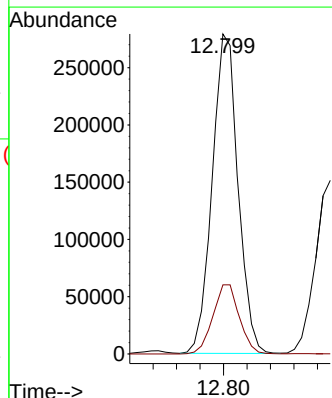
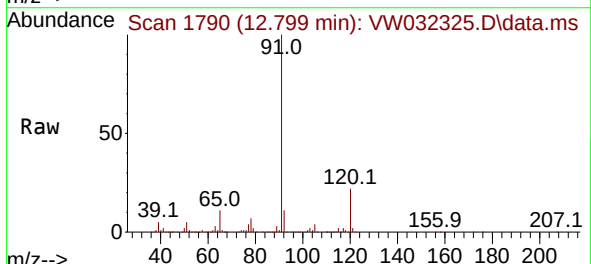
Instrument :
MSVOA_W
ClientSampleId :

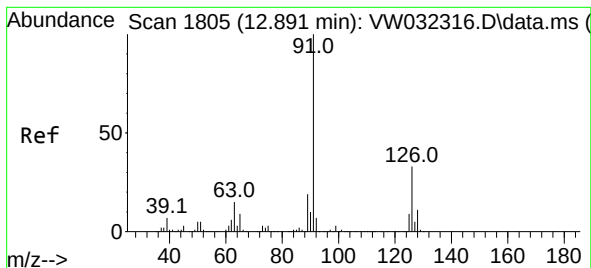
Tgt Ion:156 Resp: 81476
Ion Ratio Lower Upper
156 100
77 216.2 98.6 295.7
158 95.1 48.4 145.0



#78
n-propylbenzene
Concen: 20.817 ug/l
RT: 12.799 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

Tgt Ion: 91 Resp: 425699
Ion Ratio Lower Upper
91 100
120 22.2 11.8 35.4

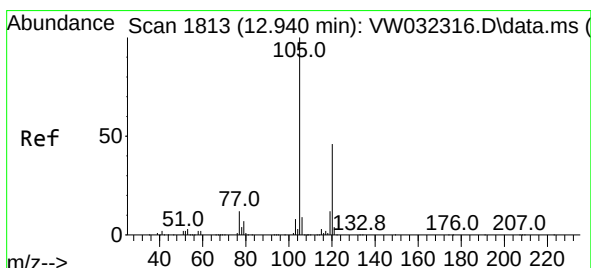
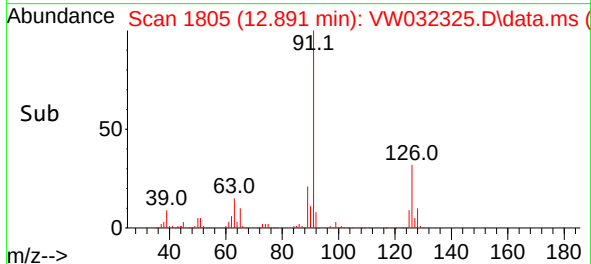
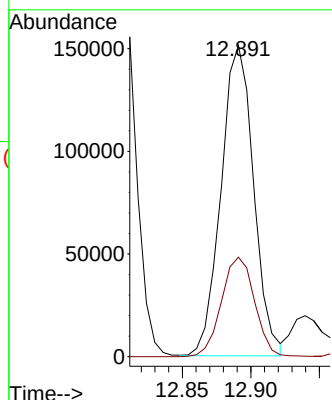
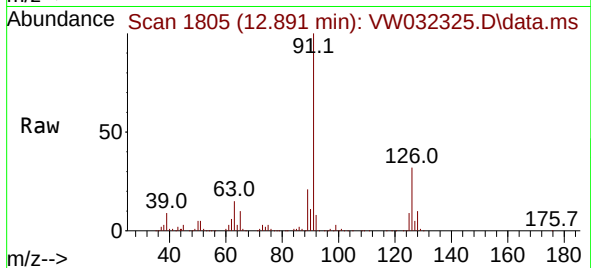




#79
2-Chlorotoluene
Concen: 19.979 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

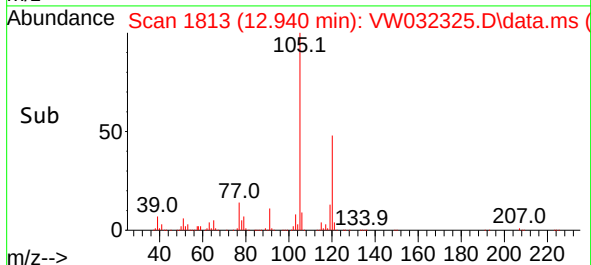
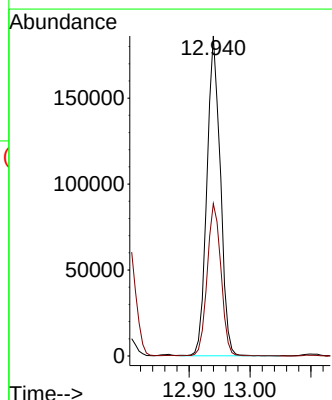
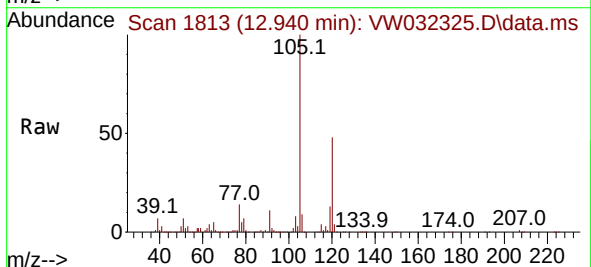
Instrument :
MSVOA_W
ClientSampleId :

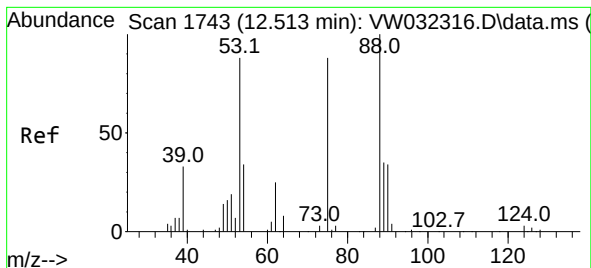
Tgt Ion: 91 Resp: 249811
Ion Ratio Lower Upper
91 100
126 32.7 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 20.122 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

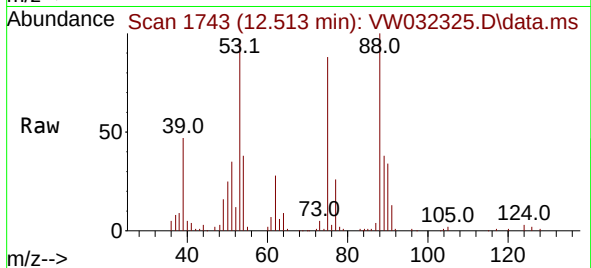
Tgt Ion:105 Resp: 284839
Ion Ratio Lower Upper
105 100
120 48.7 24.8 74.4



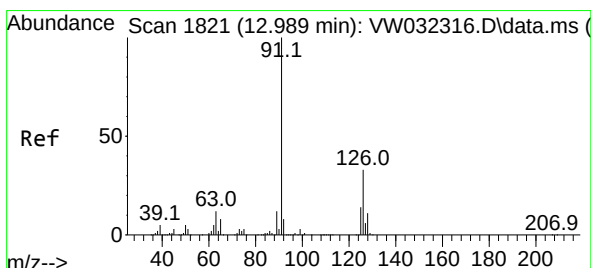
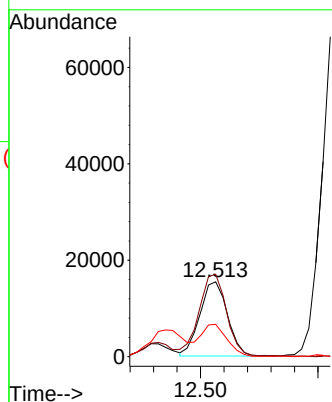
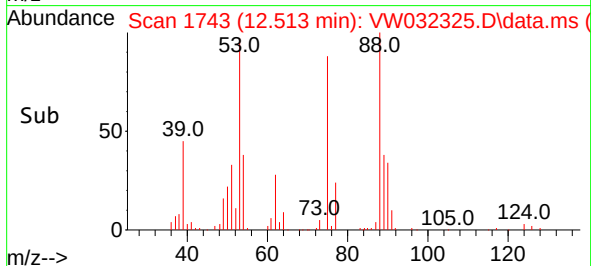


#81
trans-1,4-Dichloro-2-butene
Concen: 20.273 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

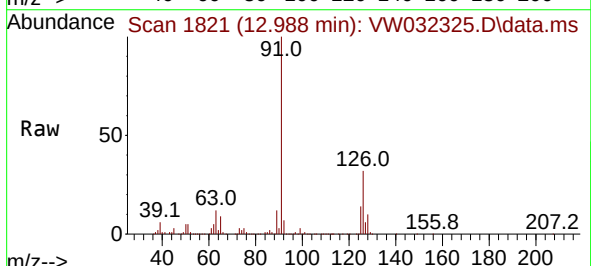
Instrument :
MSVOA_W
ClientSampleId :



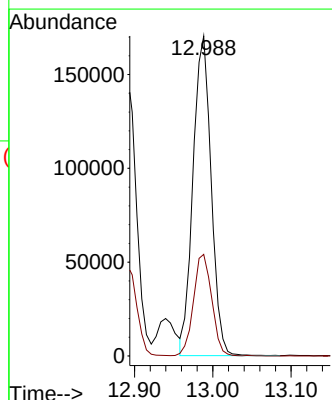
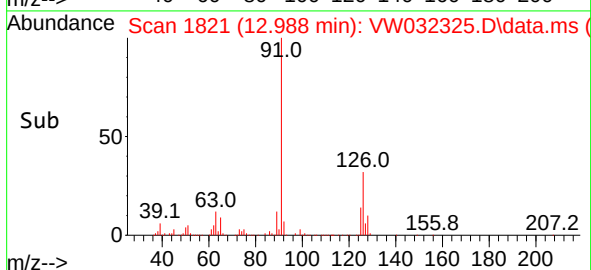
Tgt Ion: 75 Resp: 25199
Ion Ratio Lower Upper
75 100
53 110.5 91.0 136.6
89 43.6 39.4 59.2

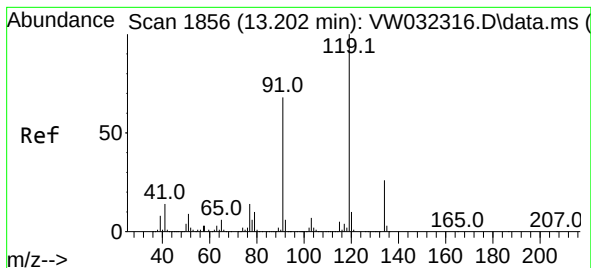


#82
4-Chlorotoluene
Concen: 20.620 ug/l
RT: 12.988 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10



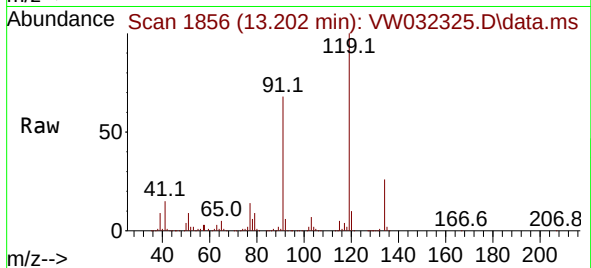
Tgt Ion: 91 Resp: 274110
Ion Ratio Lower Upper
91 100
126 31.9 16.1 48.2



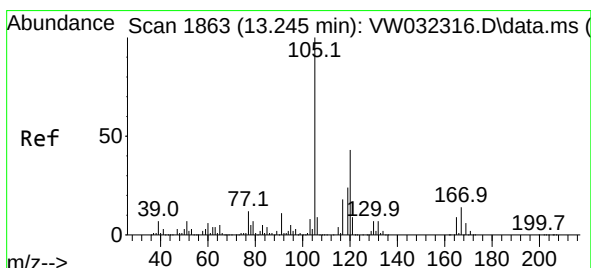
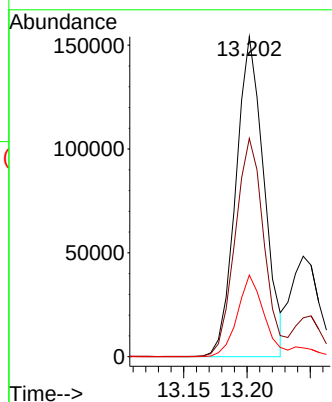
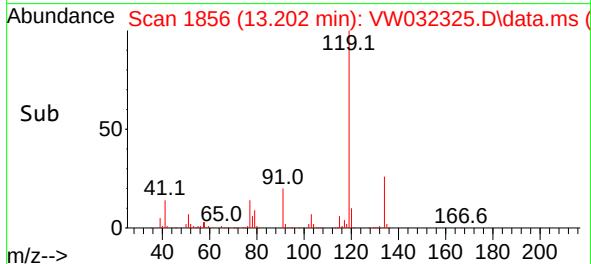


#83
tert-Butylbenzene
Concen: 20.549 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

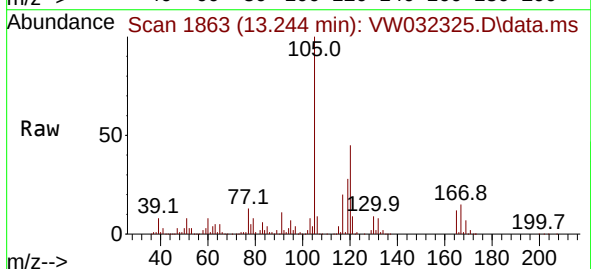
Instrument :
MSVOA_W
ClientSampleId :



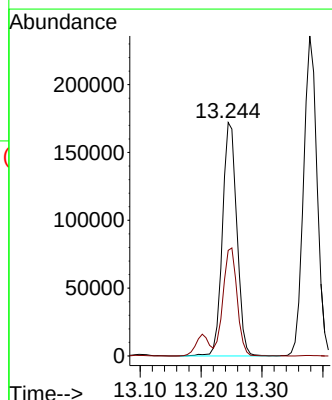
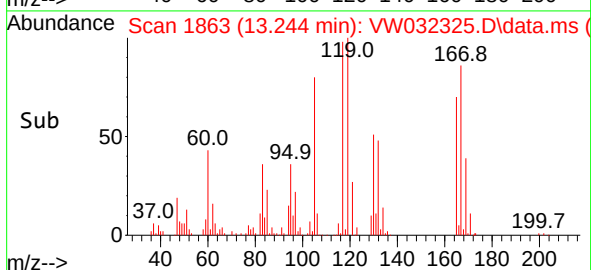
Tgt Ion:119 Resp: 238669
Ion Ratio Lower Upper
119 100
91 70.3 33.8 101.3
134 24.2 12.5 37.5

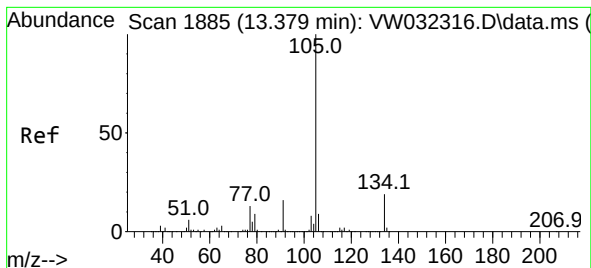


#84
1,2,4-Trimethylbenzene
Concen: 19.677 ug/l
RT: 13.244 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10



Tgt Ion:105 Resp: 283232
Ion Ratio Lower Upper
105 100
120 44.9 22.1 66.3





#85

sec-Butylbenzene

Concen: 20.413 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032325.D

Acq: 02 Oct 2025 12:10

Instrument :

MSVOA_W

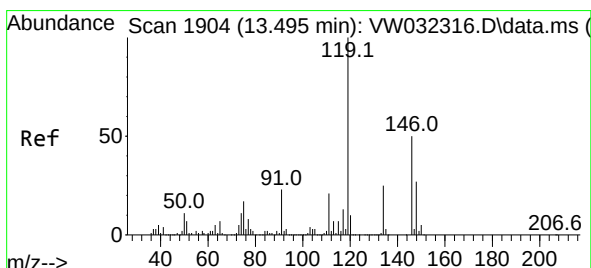
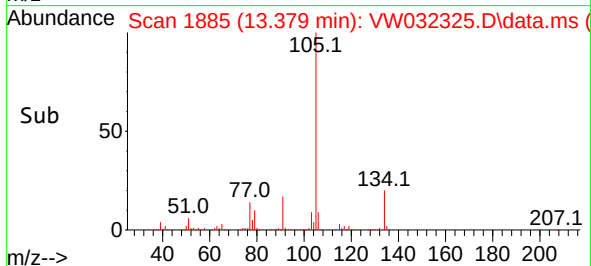
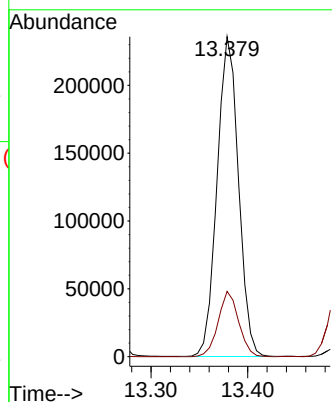
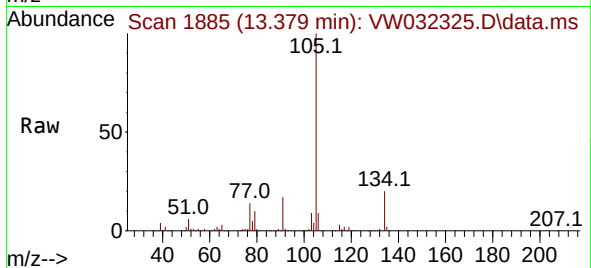
ClientSampleId :

Tgt Ion:105 Resp: 362319

Ion Ratio Lower Upper

105 100

134 19.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.586 ug/l

RT: 13.494 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032325.D

Acq: 02 Oct 2025 12:10

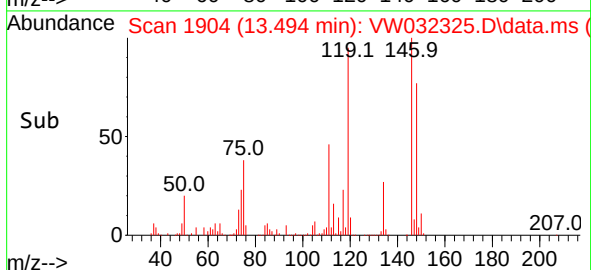
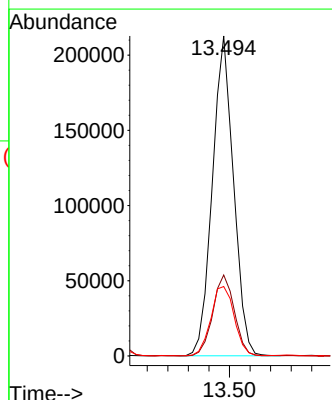
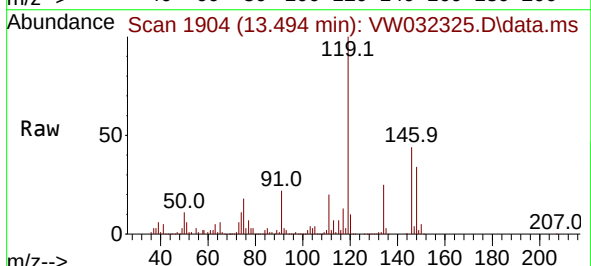
Tgt Ion:119 Resp: 303179

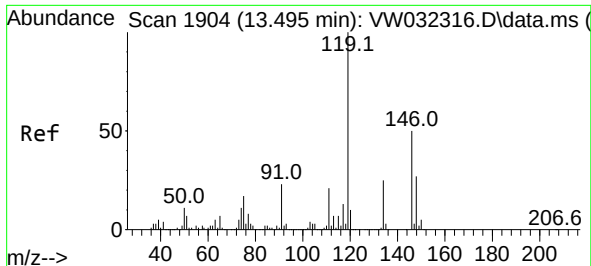
Ion Ratio Lower Upper

119 100

134 25.7 12.6 37.6

91 24.0 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 19.856 ug/l

RT: 13.494 min Scan# 1904

Delta R.T. -0.000 min

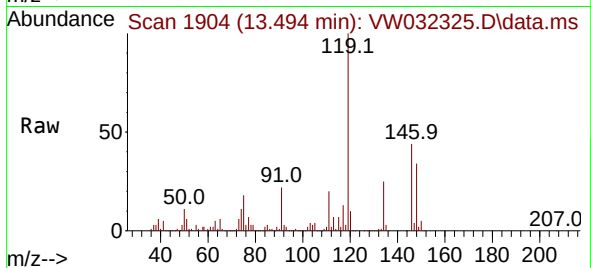
Lab File: VW032325.D

Acq: 02 Oct 2025 12:10

Instrument :

MSVOA_W

ClientSampleId :



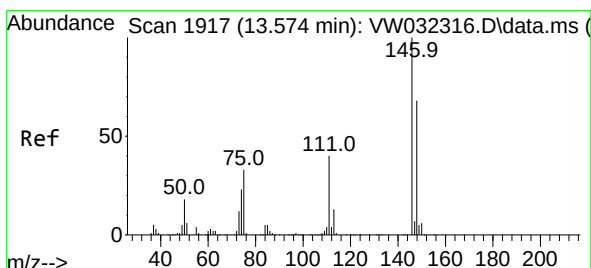
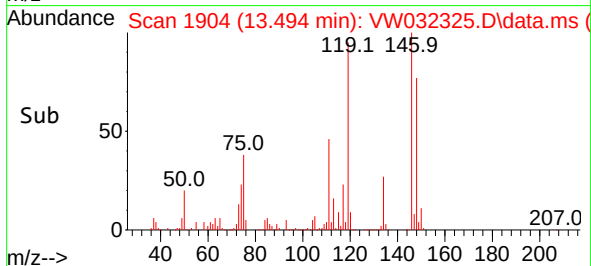
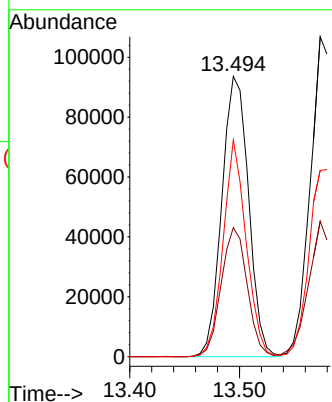
Tgt Ion:146 Resp: 158665

Ion Ratio Lower Upper

146 100

111 44.7 20.6 61.9

148 66.7 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 20.730 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032325.D

Acq: 02 Oct 2025 12:10

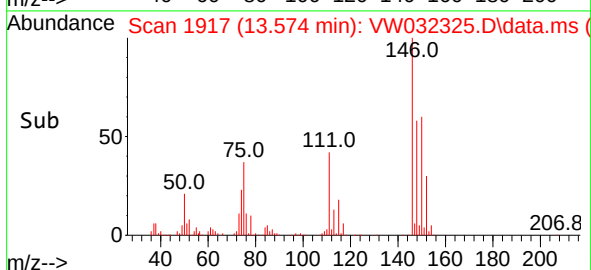
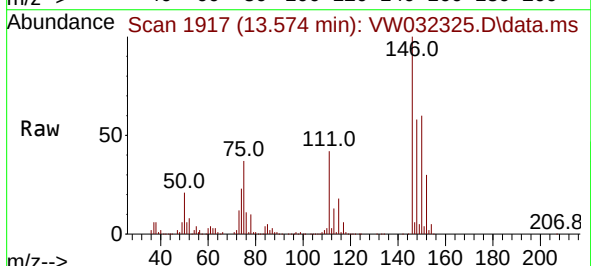
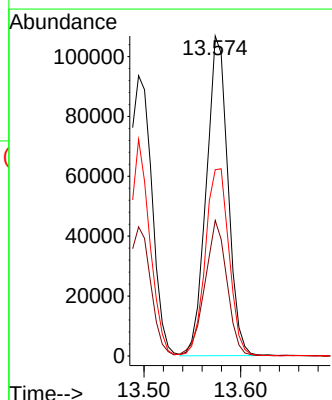
Tgt Ion:146 Resp: 165636

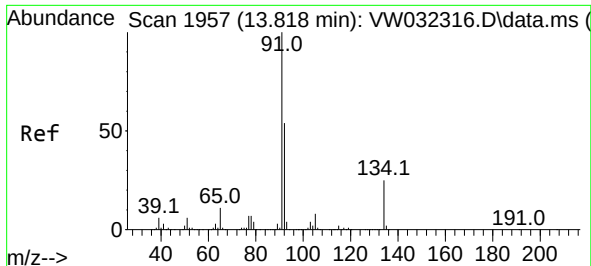
Ion Ratio Lower Upper

146 100

111 43.4 21.3 63.7

148 64.5 33.4 100.1

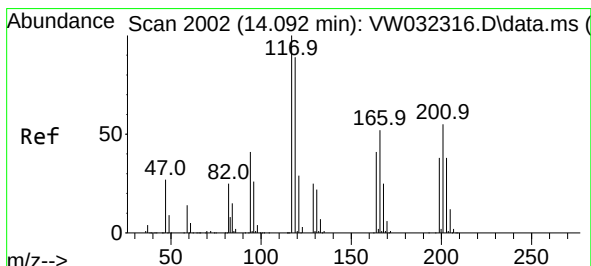
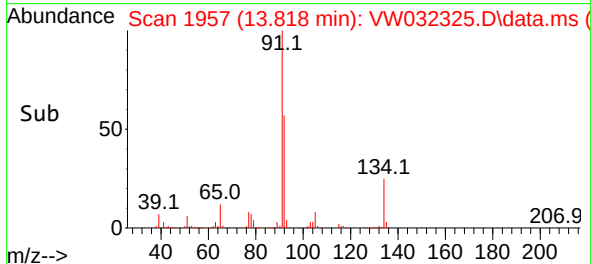
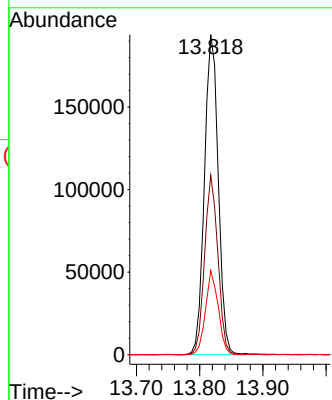
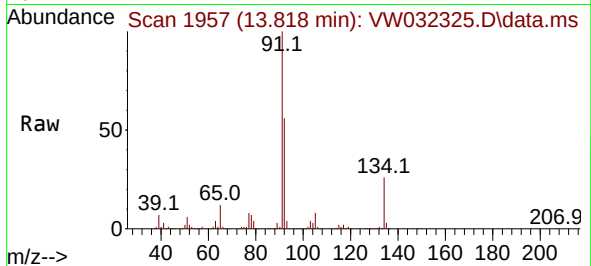




#89
n-Butylbenzene
Concen: 20.572 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

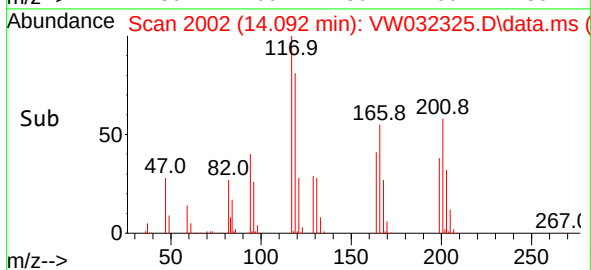
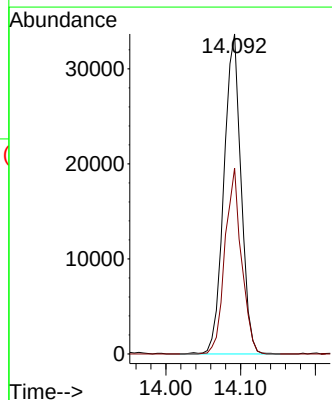
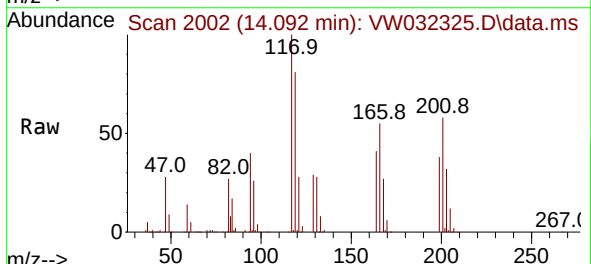
Instrument :
MSVOA_W
ClientSampleId :

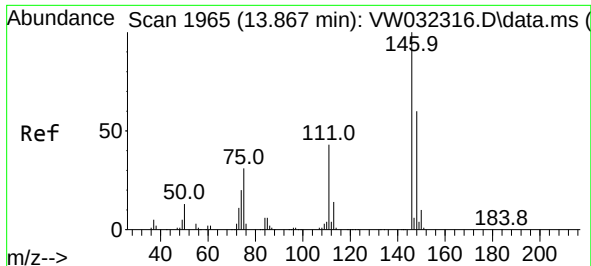
Tgt Ion: 91 Resp: 295818
Ion Ratio Lower Upper
91 100
92 53.8 27.0 81.0
134 24.2 13.1 39.3



#90
Hexachloroethane
Concen: 20.331 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW032325.D
Acq: 02 Oct 2025 12:10

Tgt Ion: 117 Resp: 53671
Ion Ratio Lower Upper
117 100
201 55.9 32.8 98.4





#91

1,2-Dichlorobenzene

Concen: 20.462 ug/l

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

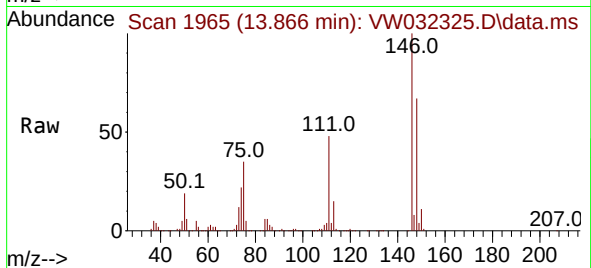
Lab File: VW032325.D

Acq: 02 Oct 2025 12:10

Instrument :

MSVOA_W

ClientSampleId :



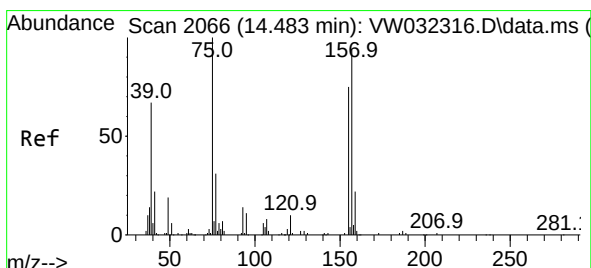
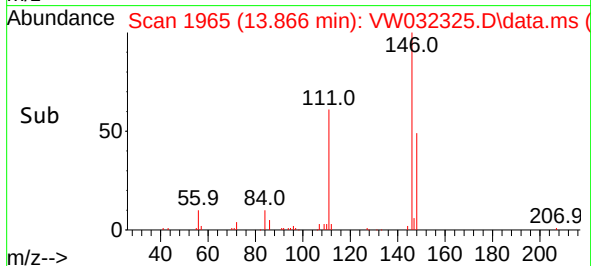
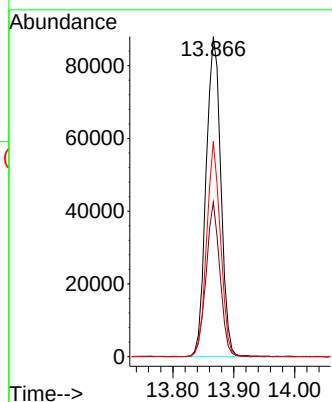
Tgt Ion:146 Resp: 147806

Ion Ratio Lower Upper

146 100

111 45.5 23.4 70.0

148 63.1 34.1 102.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.007 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.007 min

Lab File: VW032325.D

Acq: 02 Oct 2025 12:10

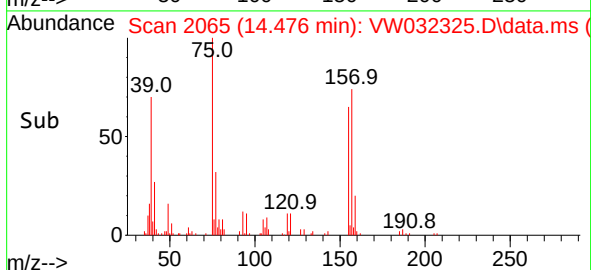
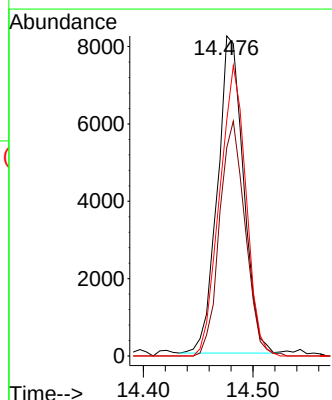
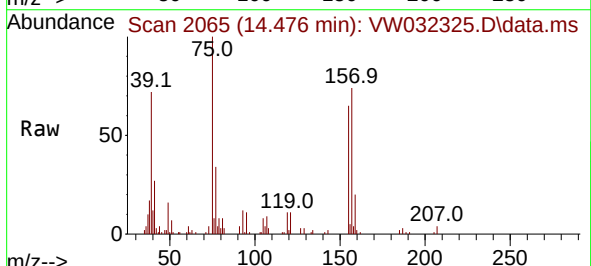
Tgt Ion: 75 Resp: 13527

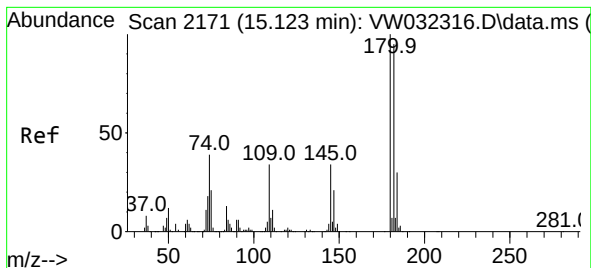
Ion Ratio Lower Upper

75 100

155 72.7 40.8 122.5

157 92.6 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 20.546 ug/l

RT: 15.128 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032325.D

Acq: 02 Oct 2025 12:10

Instrument :

MSVOA_W

ClientSampleId :

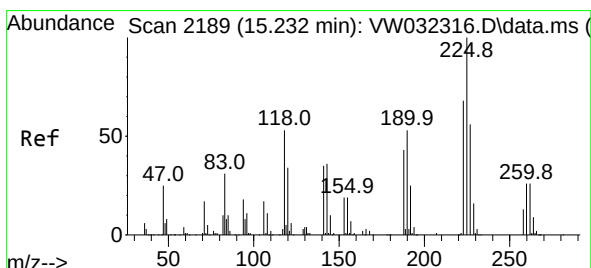
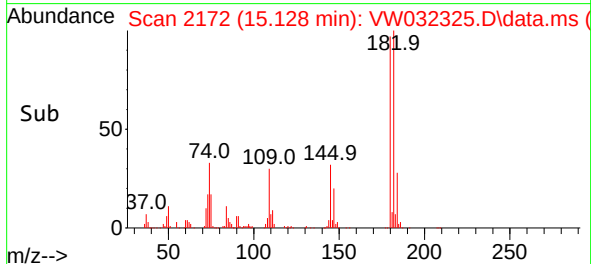
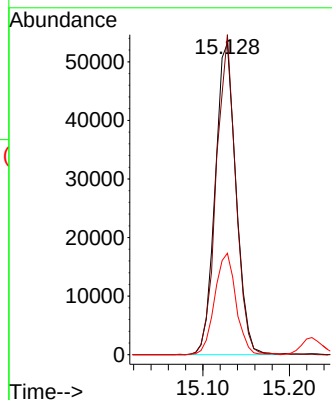
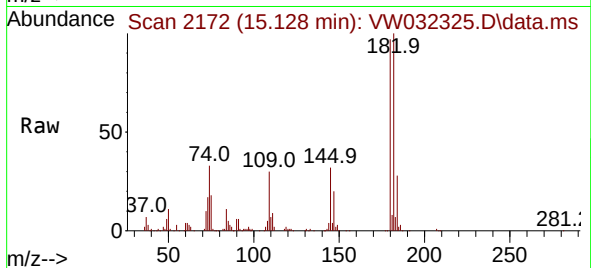
Tgt Ion:180 Resp: 88997

Ion Ratio Lower Upper

180 100

182 95.8 47.4 142.2

145 33.3 16.4 49.1



#94

Hexachlorobutadiene

Concen: 19.911 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032325.D

Acq: 02 Oct 2025 12:10

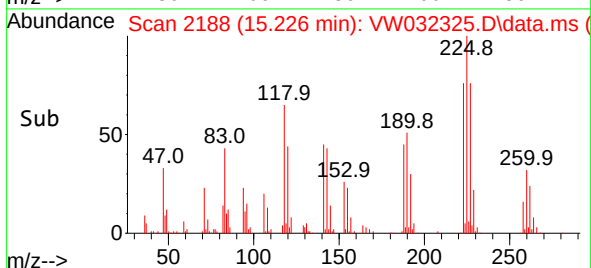
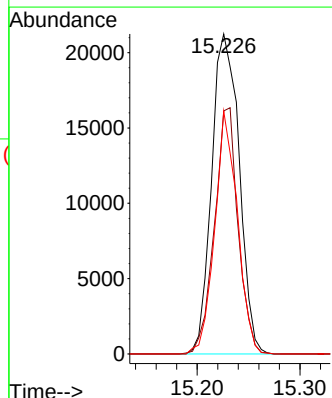
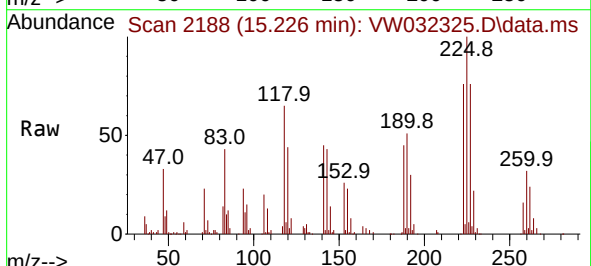
Tgt Ion:225 Resp: 39432

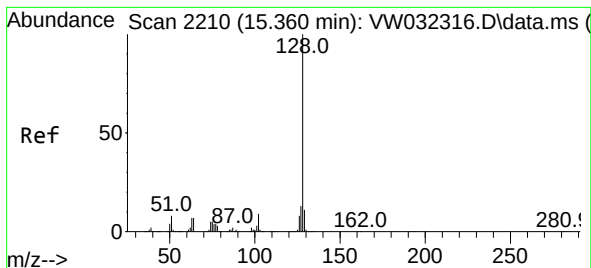
Ion Ratio Lower Upper

225 100

223 66.1 29.8 89.3

227 62.5 30.5 91.5





#95

Naphthalene

Concen: 19.703 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW032325.D

Acq: 02 Oct 2025 12:10

Instrument :

MSVOA_W

ClientSampleId :

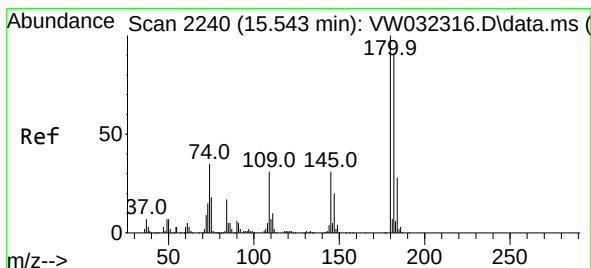
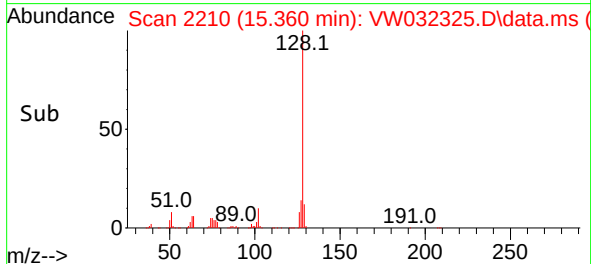
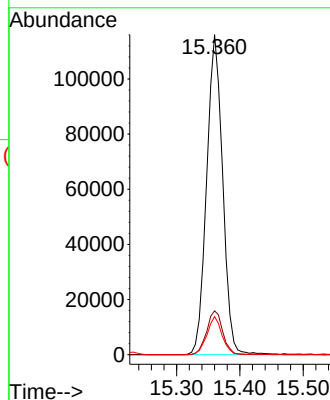
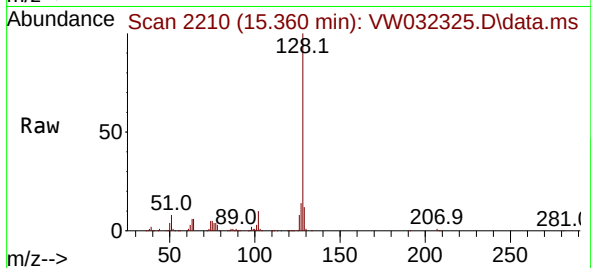
Tgt Ion:128 Resp: 204952

Ion Ratio Lower Upper

128 100

127 13.8 10.6 16.0

129 11.3 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 19.853 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032325.D

Acq: 02 Oct 2025 12:10

Tgt Ion:180 Resp: 81052

Ion Ratio Lower Upper

180 100

182 95.4 47.7 143.1

145 37.3 17.2 51.6

