

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR102225\
 Data File : VR026785.D
 Acq On : 22 Oct 2025 14:43
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2025
 Supervised By : Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 09:18:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R102225W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 24 09:15:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.825	168	841334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.795	114	1576563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.944	117	1517970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.147	152	999696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.201	65	320459	48.818	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.640%	
35) Dibromofluoromethane	7.743	113	302404	46.663	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.320%	
50) Toluene-d8	10.452	98	846942	46.846	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.700%	
62) 4-Bromofluorobenzene	13.072	95	551265	46.307	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.620%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.997	85	324243	51.495	ug/l	100
3) Chloromethane	2.202	50	409321	51.646	ug/l	100
4) Vinyl Chloride	2.337	62	472052	49.504	ug/l	100
5) Bromomethane	2.684	94	258586	42.372	ug/l	100
6) Chloroethane	2.819	64	369873	53.994	ug/l	100
7) Trichlorofluoromethane	3.160	101	627987	48.422	ug/l	100
8) Diethyl Ether	3.583	74	319587	50.892	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.924	101	417387	51.064	ug/l	100
10) Methyl Iodide	4.118	142	535101	57.316	ug/l	100
11) Tert butyl alcohol	4.993	59	866502	268.863	ug/l	100
12) 1,1-Dichloroethene	3.900	96	404657	49.650	ug/l	100
13) Acrolein	3.771	56	549679	258.091	ug/l	100
14) Allyl chloride	4.494	41	909931	53.371	ug/l	100
15) Acrylonitrile	5.164	53	1912452	268.602	ug/l	100
16) Acetone	3.994	43	1963599	249.096	ug/l	100
17) Carbon Disulfide	4.218	76	746038	50.345	ug/l	100
18) Methyl Acetate	4.505	43	1268568	56.140	ug/l	100
19) Methyl tert-butyl Ether	5.240	73	1764553	50.900	ug/l	100
20) Methylene Chloride	4.717	84	504781	49.439	ug/l	100
21) trans-1,2-Dichloroethene	5.216	96	416712	50.269	ug/l	100
22) Diisopropyl ether	6.121	45	1858200	50.982	ug/l	100
23) Vinyl Acetate	6.051	43	6012005	250.552	ug/l	100
24) 1,1-Dichloroethane	6.004	63	931960	50.253	ug/l	100
25) 2-Butanone	6.991	43	2781101	240.936	ug/l	100
26) 2,2-Dichloropropane	6.985	77	801390	50.581	ug/l	100
27) cis-1,2-Dichloroethene	6.979	96	573066	49.473	ug/l	100
28) Bromochloromethane	7.343	49	460315	54.934	ug/l	100
29) Tetrahydrofuran	7.373	42	1644149	258.065	ug/l	100
30) Chloroform	7.520	83	923017	51.392	ug/l	100
31) Cyclohexane	7.825	56	728943	47.005	ug/l	100
32) 1,1,1-Trichloroethane	7.737	97	769894	51.800	ug/l	100
36) 1,1-Dichloropropene	7.960	75	612604	49.211	ug/l	100
37) Ethyl Acetate	7.079	43	913506	50.091	ug/l	100
38) Carbon Tetrachloride	7.943	117	588563	50.701	ug/l	100
39) Methylcyclohexane	9.347	83	771581	49.289	ug/l	100
40) Benzene	8.219	78	2062076	49.450	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	549198	51.090	ug/l	100
42) 1,2-Dichloroethane	8.301	62	710015	51.966	ug/l	100
43) Isopropyl Acetate	8.342	43	1570148	51.415	ug/l	100
44) Trichloroethene	9.071	130	487622	48.996	ug/l	100
45) 1,2-Dichloropropane	9.370	63	531851	48.840	ug/l	100
46) Dibromomethane	9.470	93	363768	50.331	ug/l	100
47) Bromodichloromethane	9.682	83	764890	50.868	ug/l	100
48) Methyl methacrylate	9.459	41	735116	51.226	ug/l	100
49) 1,4-Dioxane	9.464	88	330226	1045.685	ug/l	100
51) 4-Methyl-2-Pentanone	10.328	43	5148280	257.108	ug/l	100
52) Toluene	10.528	92	1379246	49.097	ug/l	100
53) t-1,3-Dichloropropene	10.769	75	882892	51.457	ug/l	100
54) cis-1,3-Dichloropropene	10.164	75	914614	51.241	ug/l	100
55) 1,1,2-Trichloroethane	10.974	97	567160	49.975	ug/l	100
56) Ethyl methacrylate	10.822	69	1054395	50.183	ug/l	100
57) 1,3-Dichloropropane	11.139	76	942066	49.490	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.999	63	294310	254.349	ug/l	100
59) 2-Hexanone	11.186	43	4474849	255.545	ug/l	100
60) Dibromochloromethane	11.362	129	587503	50.632	ug/l	100
61) 1,2-Dibromoethane	11.486	107	555907	49.241	ug/l	100
64) Tetrachloroethene	11.068	164	401246	50.331	ug/l	100
65) Chlorobenzene	11.973	112	1666819	49.349	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.056	131	523145	50.226	ug/l	100
67) Ethyl Benzene	12.056	91	2841799	50.272	ug/l	100
68) m/p-Xylenes	12.179	106	2234964	100.740	ug/l	100
69) o-Xylene	12.555	106	1132258	50.930	ug/l	100
70) Styrene	12.573	104	2055976	50.552	ug/l	100
71) Bromoform	12.761	173	449522	52.277	ug/l #	100
73) Isopropylbenzene	12.896	105	2926379	50.108	ug/l	100
74) N-amyl acetate	12.678	43	1619617	49.746	ug/l	100
75) 1,1,2,2-Tetrachloroethane	13.178	83	1120677	51.882	ug/l	100
76) 1,2,3-Trichloropropane	13.237	75	974125m	53.784	ug/l	
77) Bromobenzene	13.219	156	710342	49.818	ug/l	100
78) n-propylbenzene	13.289	91	3575026	49.601	ug/l	100
79) 2-Chlorotoluene	13.389	91	2157450	50.157	ug/l	100
80) 1,3,5-Trimethylbenzene	13.442	105	2572332	50.179	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.949	75	403062	52.004	ug/l	100
82) 4-Chlorotoluene	13.495	91	2257542	50.001	ug/l	100
83) tert-Butylbenzene	13.748	119	2373752	48.806	ug/l	100
84) 1,2,4-Trimethylbenzene	13.795	105	2800438	50.314	ug/l	100
85) sec-Butylbenzene	13.948	105	3527704	50.347	ug/l	100
86) p-Isopropyltoluene	14.077	119	3060267	50.344	ug/l	100
87) 1,3-Dichlorobenzene	14.083	146	1601335	49.371	ug/l	100
88) 1,4-Dichlorobenzene	14.171	146	1670153	49.610	ug/l	100
89) n-Butylbenzene	14.447	91	3099271	52.107	ug/l	100
90) Hexachloroethane	14.764	117	507485	51.566	ug/l	100
91) 1,2-Dichlorobenzene	14.506	146	1697969	51.071	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	15.211	75	266634	53.689	ug/l	100
93) 1,2,4-Trichlorobenzene	16.033	180	1178373	55.912	ug/l	100
94) Hexachlorobutadiene	16.157	225	379584	50.677	ug/l	100
95) Naphthalene	16.339	128	3788371	57.321	ug/l	100
96) 1,2,3-Trichlorobenzene	16.580	180	1151760	55.478	ug/l	100

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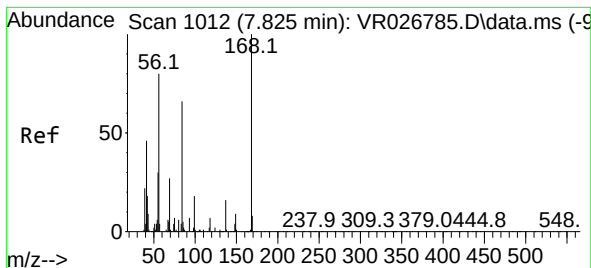
Manual Integrations
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Response via : Initial Calibration

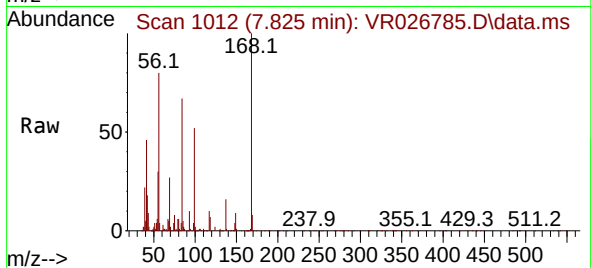
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.825 min Scan# 1012
Delta R.T. 0.000 min
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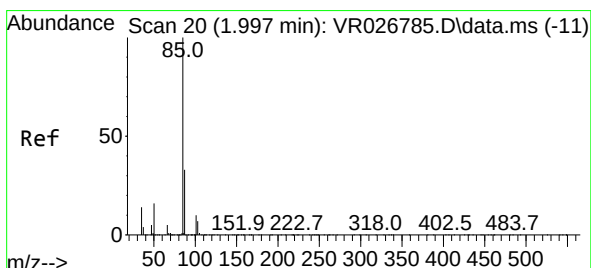
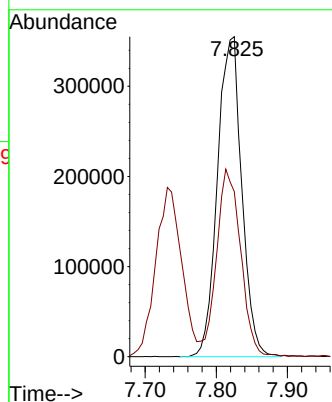
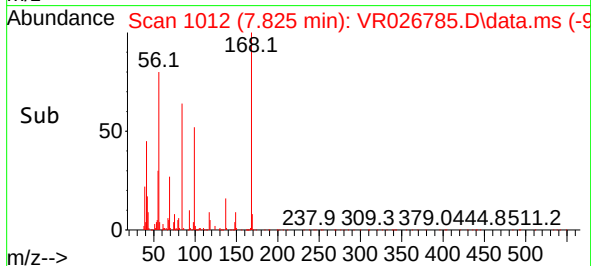
Instrument :
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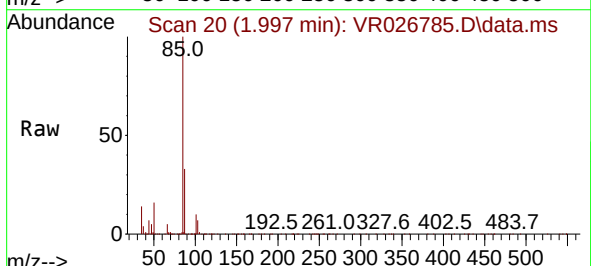
Tgt Ion:168 Resp: 841334
Ion Ratio Lower Upper
168 100
99 51.3 41.0 61.6

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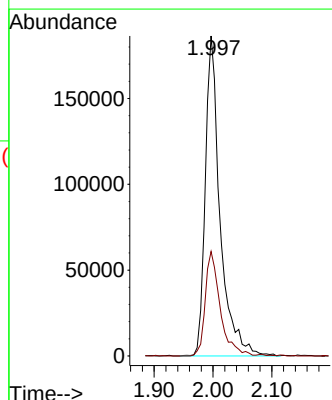
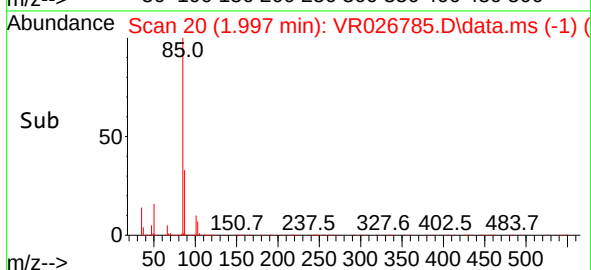
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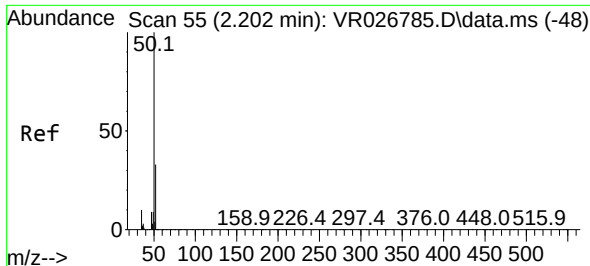


#2
Dichlorodifluoromethane
Concen: 51.495 ug/l
RT: 1.997 min Scan# 20
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43



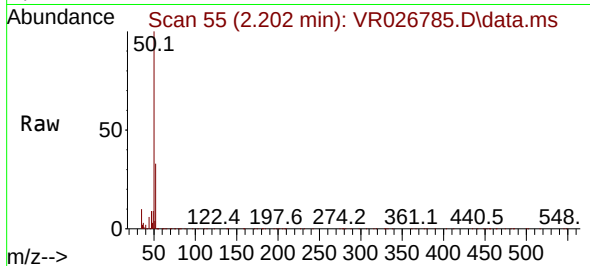
Tgt Ion: 85 Resp: 324243
Ion Ratio Lower Upper
85 100
87 32.6 16.3 48.9





#3
Chloromethane
Concen: 51.646 ug/l
RT: 2.202 min Scan# 51
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

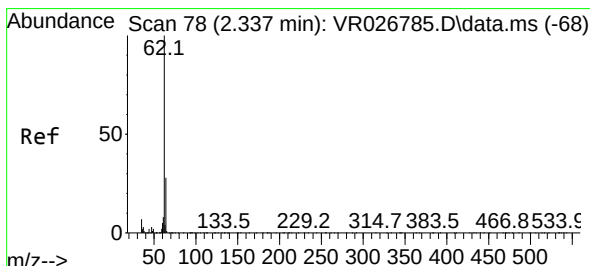
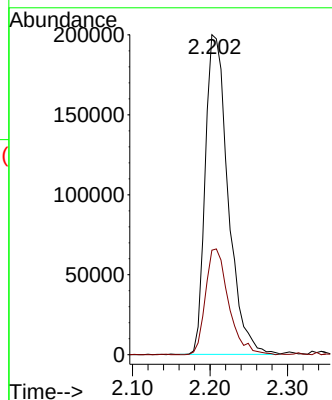
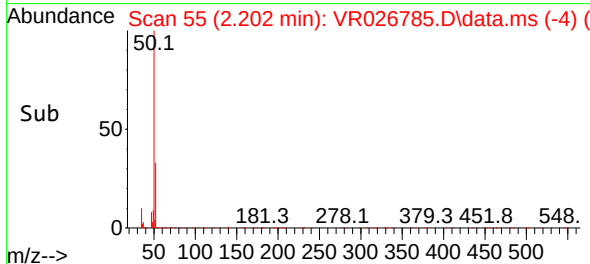
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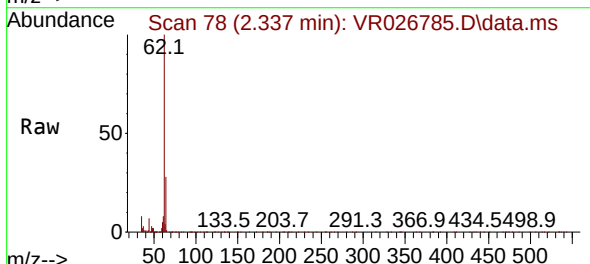
Tgt Ion: 50 Resp: 40932
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.2

Manual Integrations
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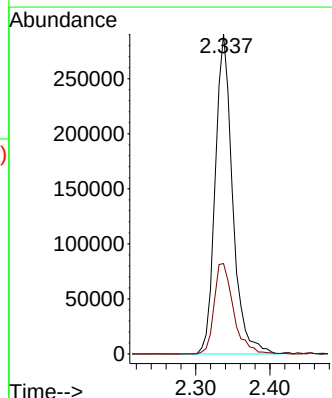
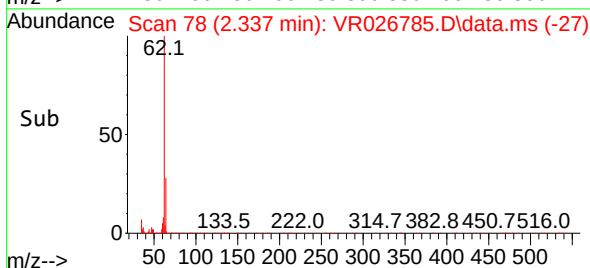
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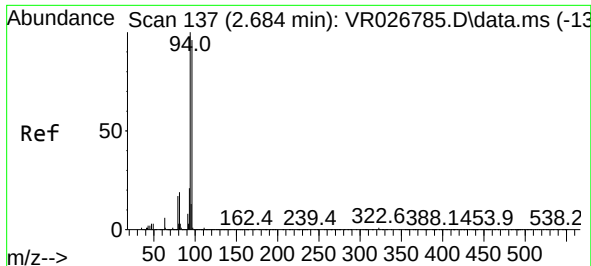


#4
Vinyl Chloride
Concen: 49.504 ug/l
RT: 2.337 min Scan# 78
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43



Tgt Ion: 62 Resp: 472052
Ion Ratio Lower Upper
62 100
64 28.2 22.6 33.8





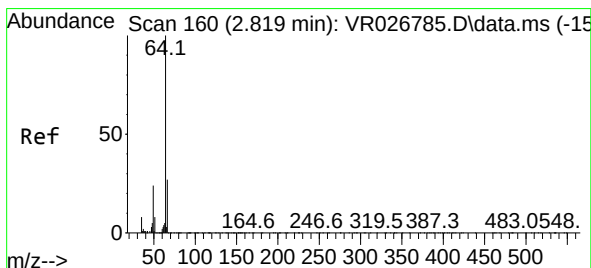
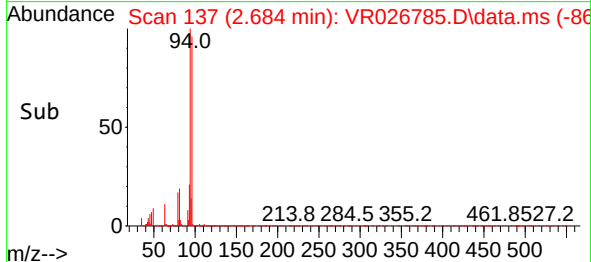
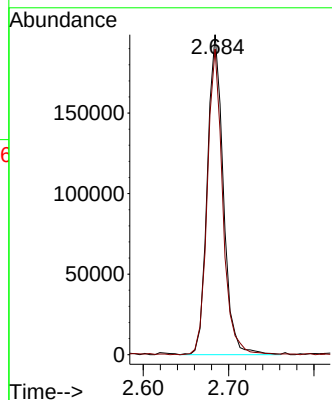
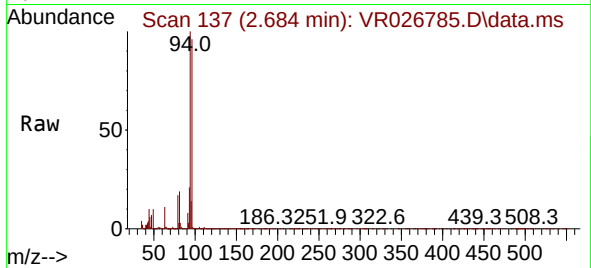
#5
Bromomethane
Concen: 42.372 ug/l
RT: 2.684 min Scan# 137
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

Instrument :
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Tgt Ion: 94 Resp: 258580
Ion Ratio Lower Upper
94 100
96 95.5 76.4 114.6

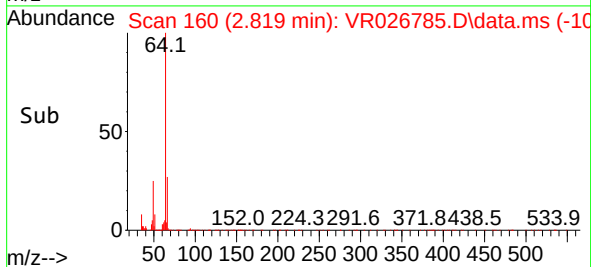
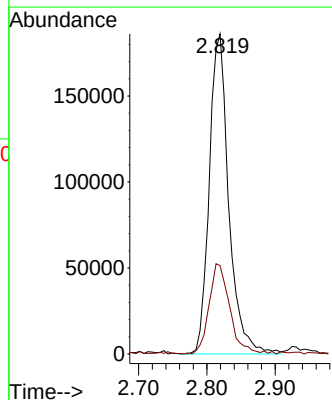
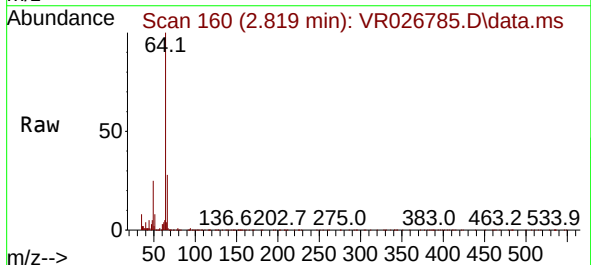
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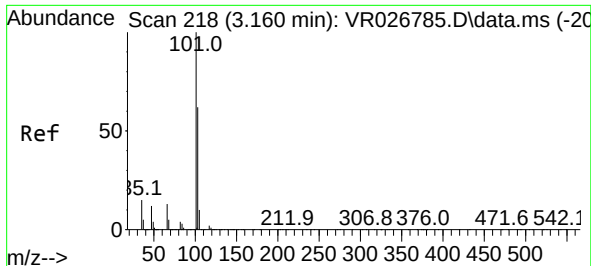
Reviewed By :John Carlone 10/24/2025
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#6
Chloroethane
Concen: 53.994 ug/l
RT: 2.819 min Scan# 160
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

Tgt Ion: 64 Resp: 369873
Ion Ratio Lower Upper
64 100
66 27.5 22.0 33.0





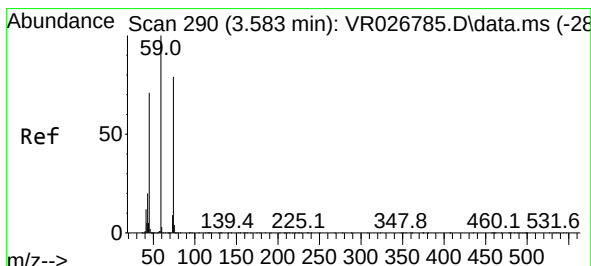
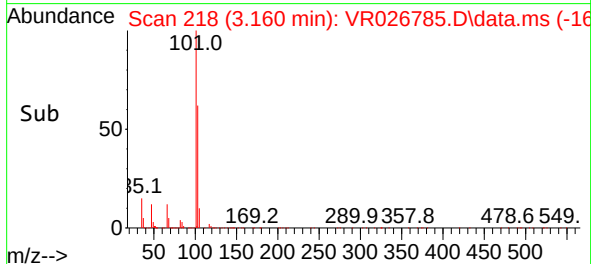
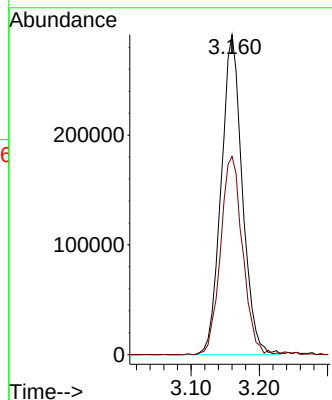
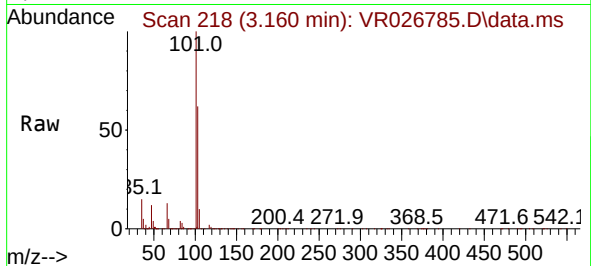
#7
 Trichlorofluoromethane
 Concen: 48.422 ug/l
 RT: 3.160 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VR026785.D
 Acq: 22 Oct 2025 14:43

Instrument :
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Tgt Ion:101 Resp: 62798
 Ion Ratio Lower Upper
 101 100
 103 62.0 49.6 74.4

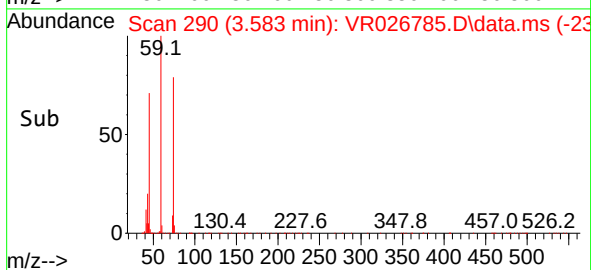
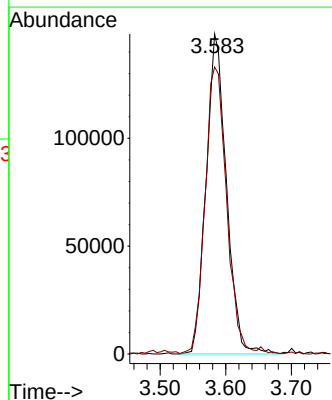
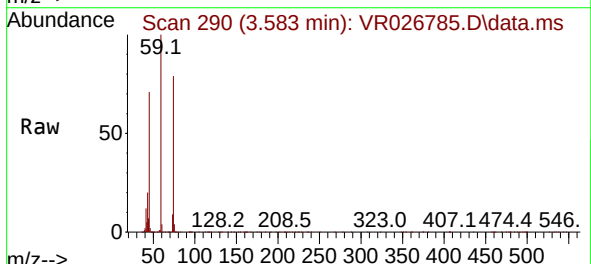
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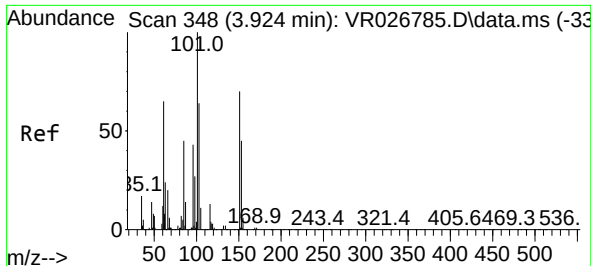
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#8
 Diethyl Ether
 Concen: 50.892 ug/l
 RT: 3.583 min Scan# 290
 Delta R.T. 0.000 min
 Lab File: VR026785.D
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Tgt Ion: 74 Resp: 319587
 Ion Ratio Lower Upper
 74 100
 45 94.6 47.3 141.9





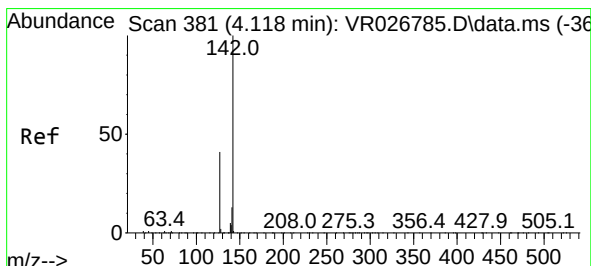
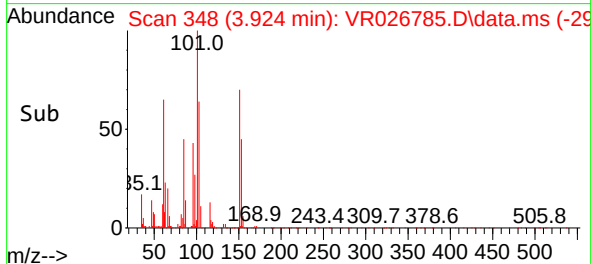
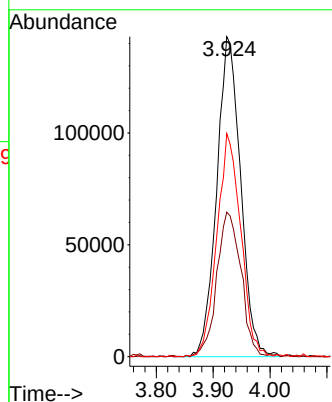
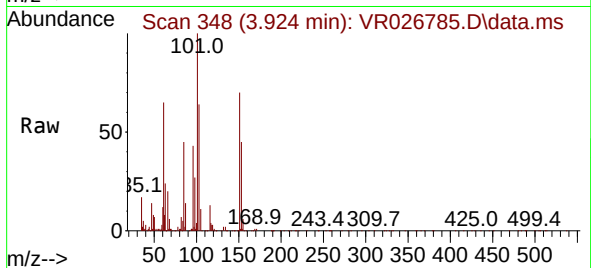
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.064 ug/l
RT: 3.924 min Scan# 348
Delta R.T. 0.000 min
Lab File: VR026785.D
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Tgt Ion:101 Resp: 41738
Ion Ratio Lower Upper
101 100
85 45.7 36.6 54.8
151 69.4 55.5 83.3

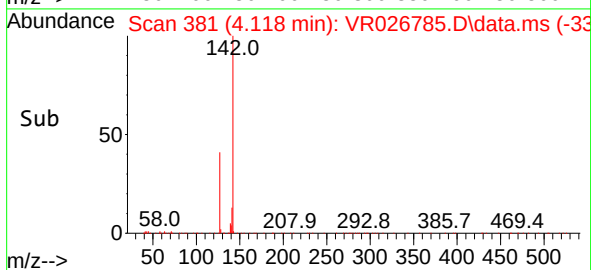
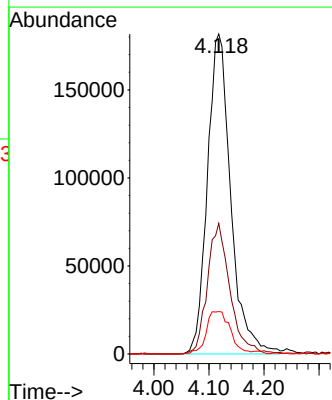
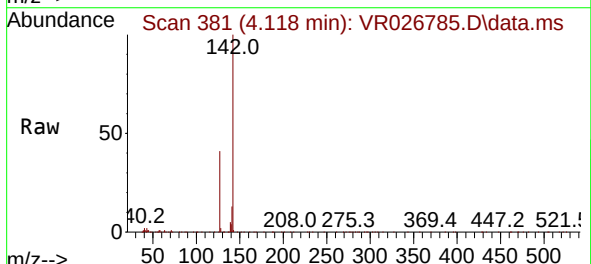
Manual Integrations
APPROVED

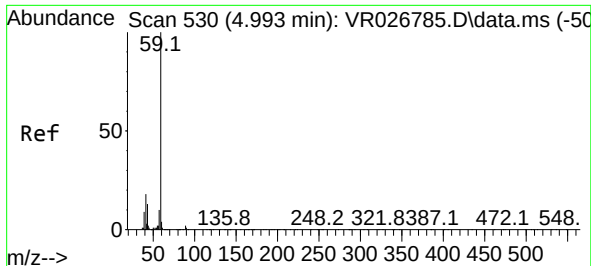
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#10
Methyl Iodide
Concen: 57.316 ug/l
RT: 4.118 min Scan# 381
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

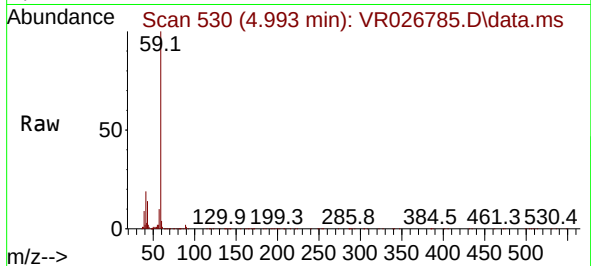
Tgt Ion:142 Resp: 535101
Ion Ratio Lower Upper
142 100
127 39.7 31.8 47.6
141 13.6 10.9 16.3





#11
Tert butyl alcohol
Concen: 268.863 ug/l
RT: 4.993 min Scan# 51
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

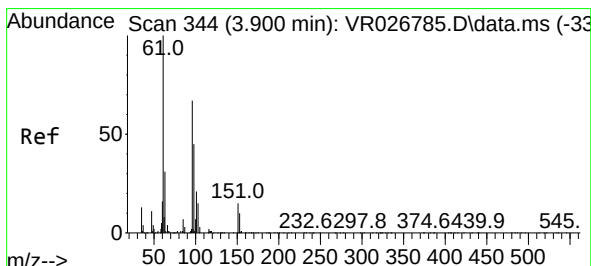
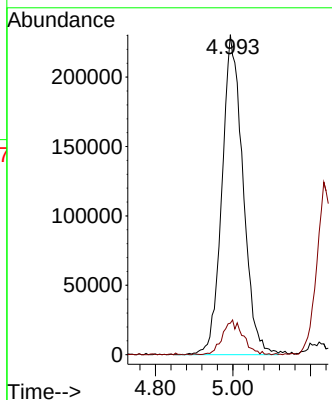
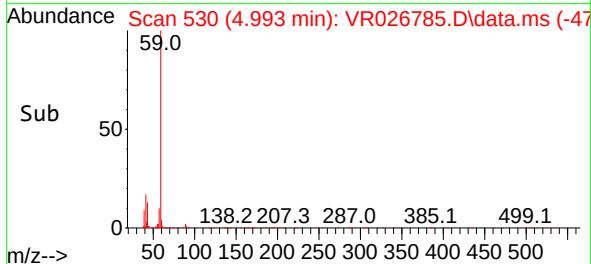
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050



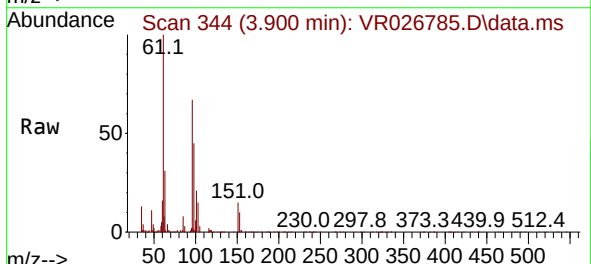
Tgt Ion: 59 Resp: 866502
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

Manual Integrations
APPROVED

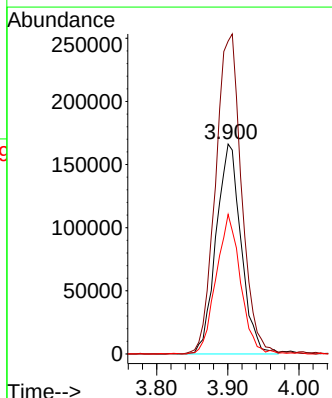
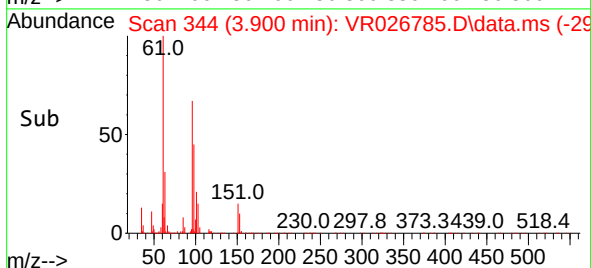
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

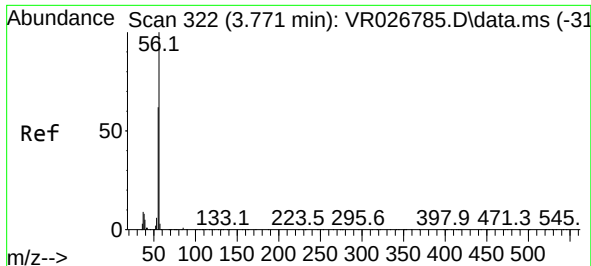


#12
1,1-Dichloroethene
Concen: 49.650 ug/l
RT: 3.900 min Scan# 344
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43



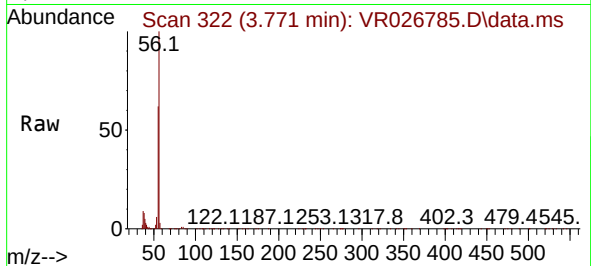
Tgt Ion: 96 Resp: 404657
Ion Ratio Lower Upper
96 100
61 148.8 119.0 178.6
98 66.3 53.0 79.6





#13
Acrolein
Concen: 258.091 ug/l
RT: 3.771 min Scan# 31
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

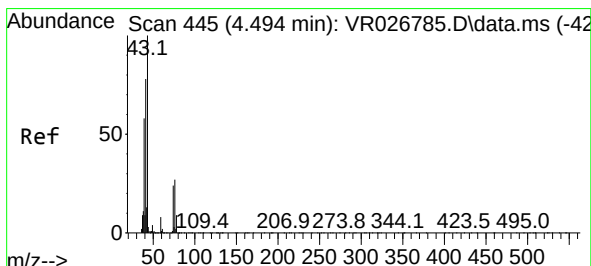
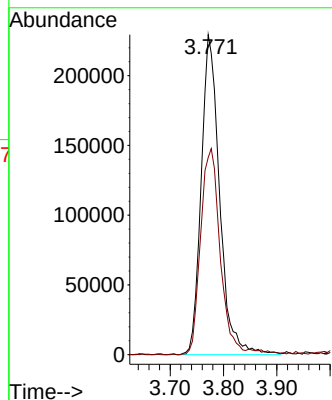
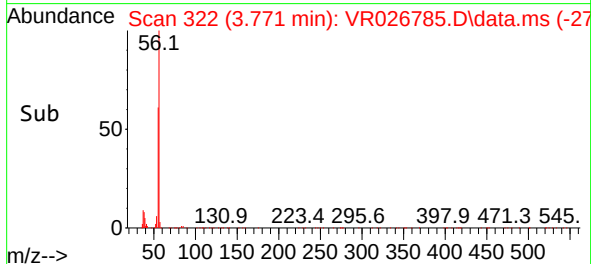
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050



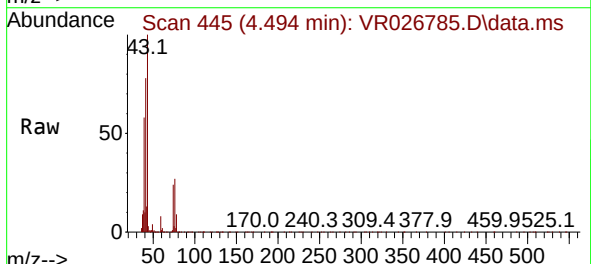
Tgt Ion: 56 Resp: 549679
Ion Ratio Lower Upper
56 100
55 67.7 54.2 81.2

Manual Integrations
APPROVED

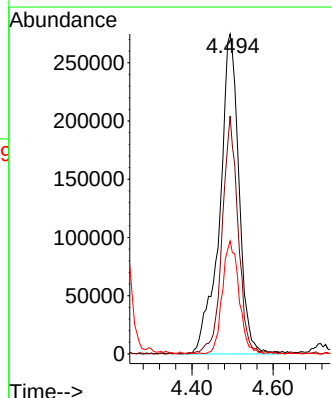
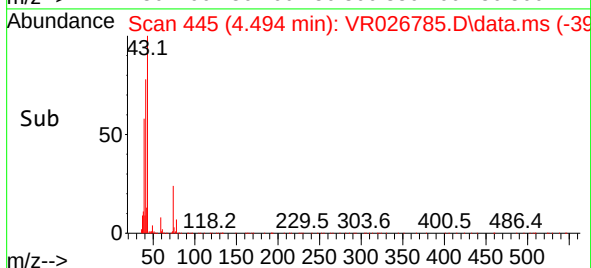
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

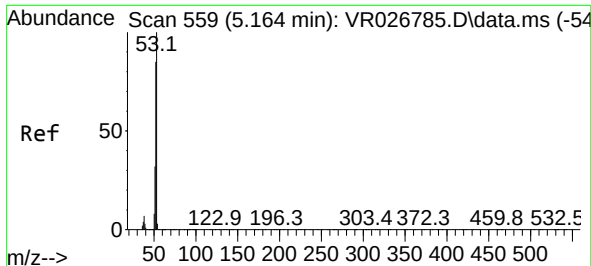


#14
Allyl chloride
Concen: 53.371 ug/l
RT: 4.494 min Scan# 445
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43



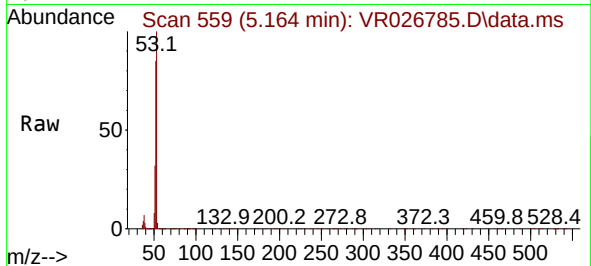
Tgt Ion: 41 Resp: 909931
Ion Ratio Lower Upper
41 100
39 61.3 49.0 73.6
76 30.0 24.0 36.0





#15
Acrylonitrile
Concen: 268.602 ug/l
RT: 5.164 min Scan# 51
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

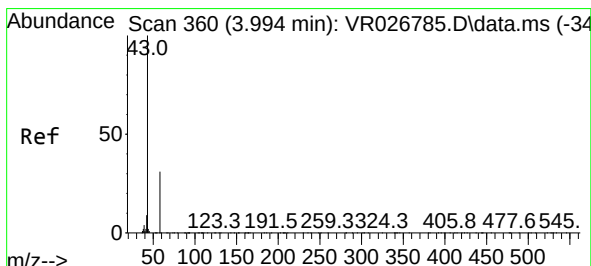
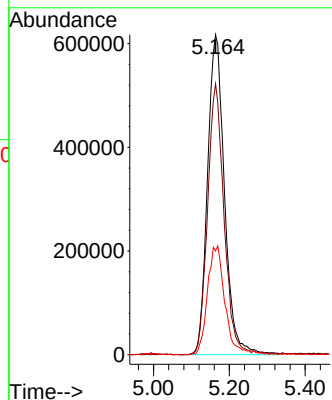
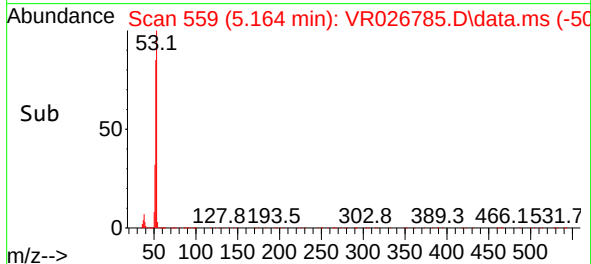
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050



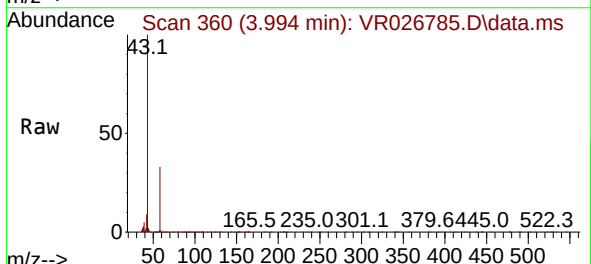
Tgt Ion: 53 Resp: 191245
Ion Ratio Lower Upper
53 100
52 82.3 65.8 98.8
51 34.6 27.7 41.5

Manual Integrations
APPROVED

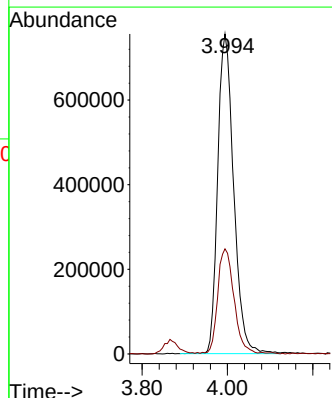
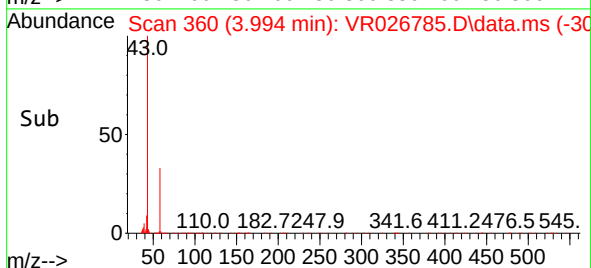
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

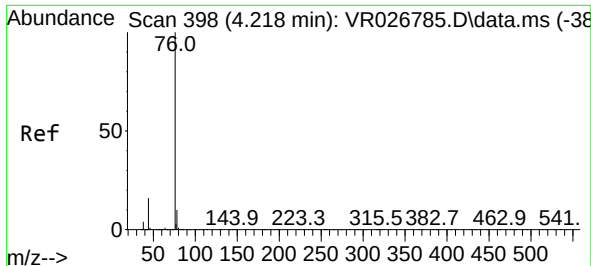


#16
Acetone
Concen: 249.096 ug/l
RT: 3.994 min Scan# 360
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43



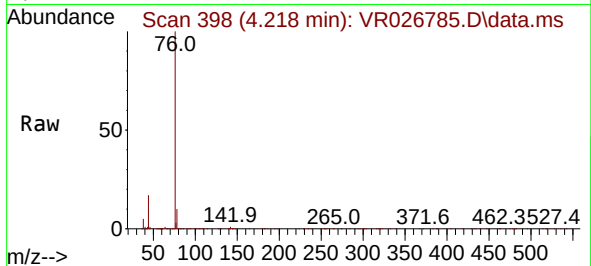
Tgt Ion: 43 Resp: 1963599
Ion Ratio Lower Upper
43 100
58 32.8 26.2 39.4





#17
Carbon Disulfide
Concen: 50.345 ug/l
RT: 4.218 min Scan# 398
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

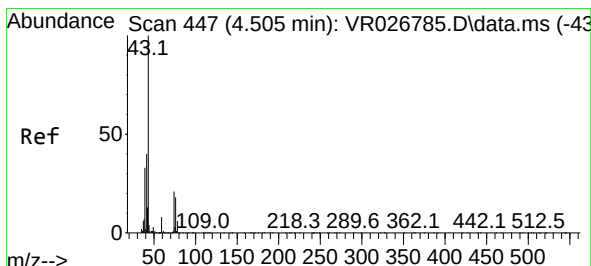
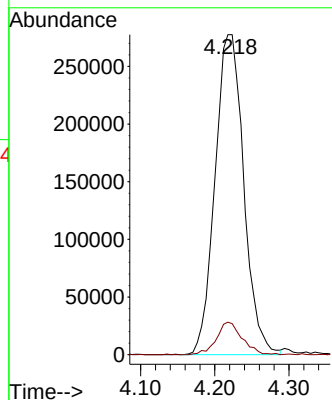
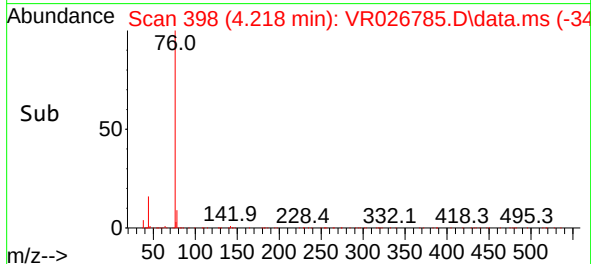
Instrument :
MSVOA_R
Client Sample Id :
VSTDICCC050



Tgt Ion: 76 Resp: 746038
Ion Ratio Lower Upper
76 100
78 10.2 8.2 12.2

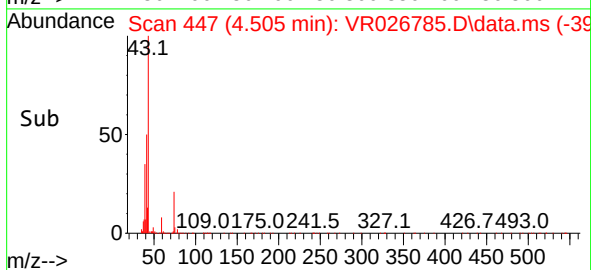
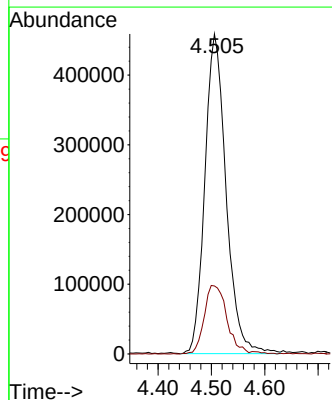
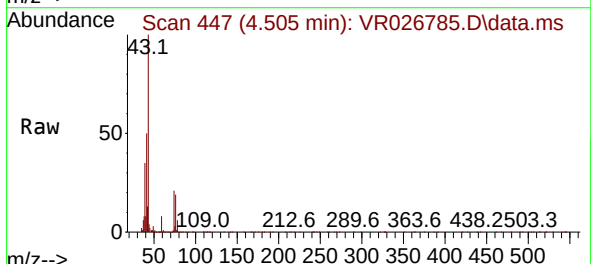
Manual Integrations
APPROVED

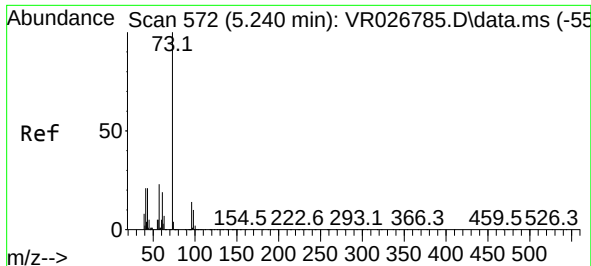
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#18
Methyl Acetate
Concen: 56.140 ug/l
RT: 4.505 min Scan# 447
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

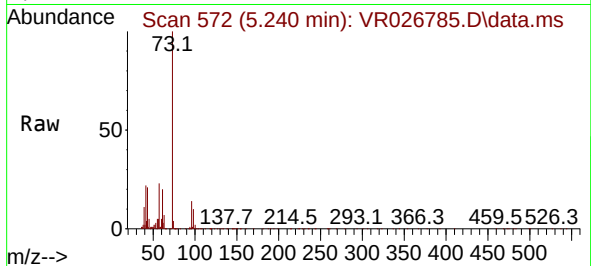
Tgt Ion: 43 Resp: 1268568
Ion Ratio Lower Upper
43 100
74 23.1 18.5 27.7





#19
Methyl tert-butyl Ether
Concen: 50.900 ug/l
RT: 5.240 min Scan# 51
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

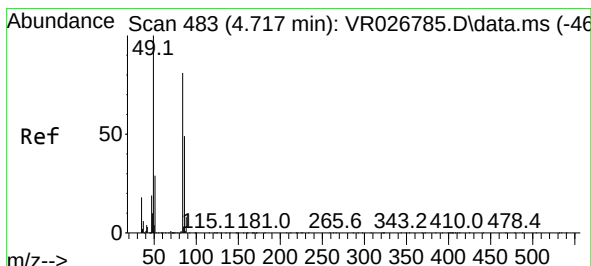
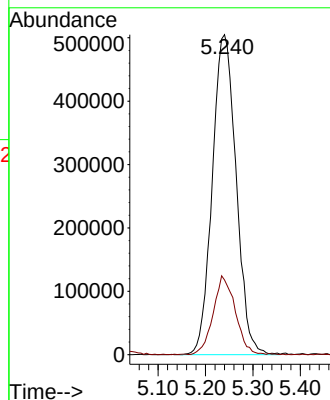
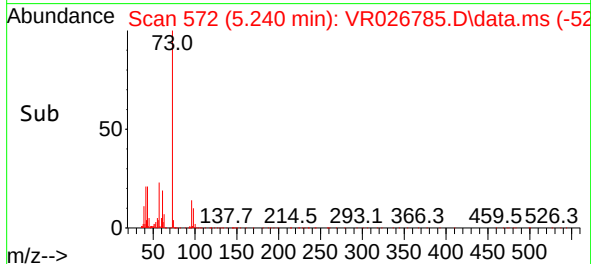
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 176455
Ion Ratio Lower Upper
73 100
57 23.3 18.6 28.0

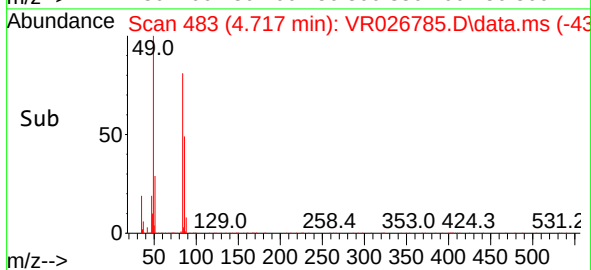
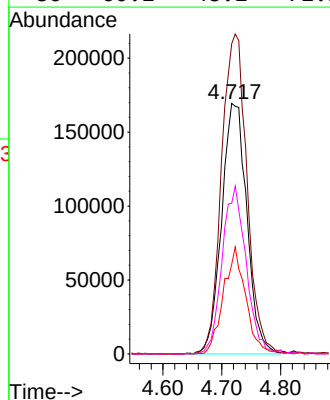
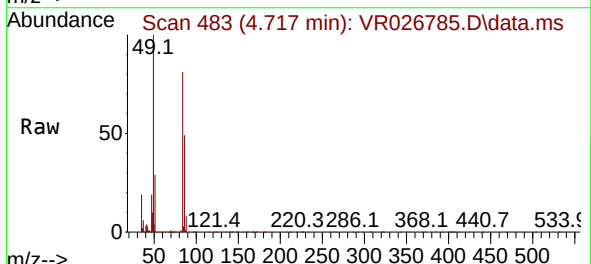
Manual Integrations
APPROVED

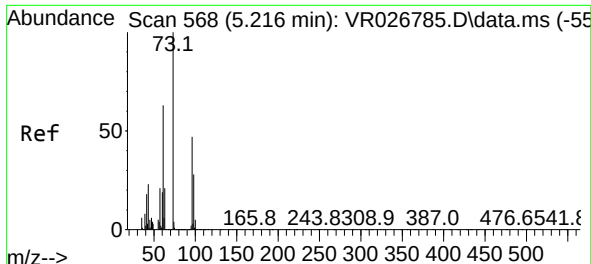
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#20
Methylene Chloride
Concen: 49.439 ug/l
RT: 4.717 min Scan# 483
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

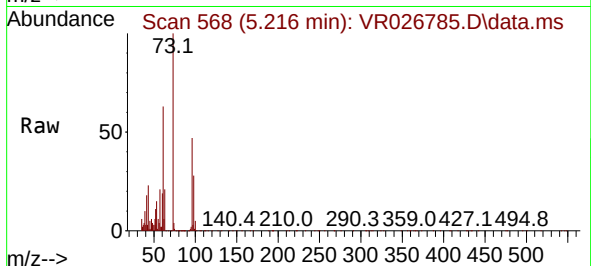
Tgt Ion: 84 Resp: 504781
Ion Ratio Lower Upper
84 100
49 123.8 99.0 148.6
51 35.7 28.6 42.8
86 60.2 48.2 72.2





#21
trans-1,2-Dichloroethene
Concen: 50.269 ug/l
RT: 5.216 min Scan# 568
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

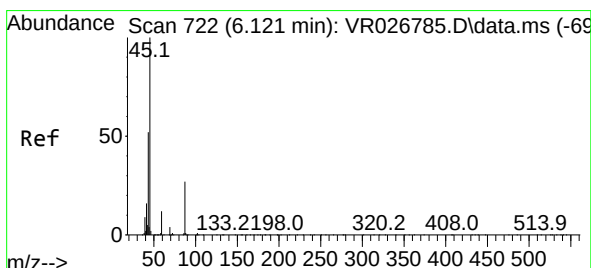
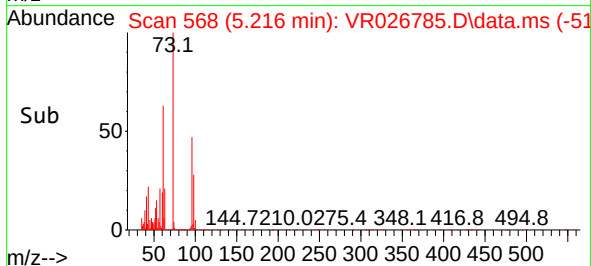
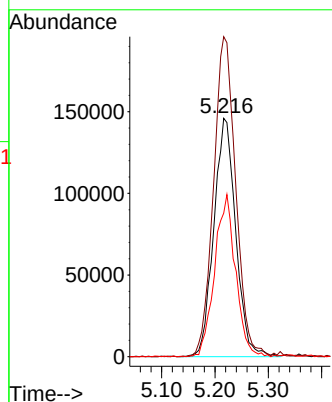
Instrument :
MSVOA_R
Client Sample Id :
VSTDICCC050



Tgt Ion: 96 Resp: 416712
Ion Ratio Lower Upper
96 100
61 134.2 107.4 161.0
98 60.1 48.1 72.1

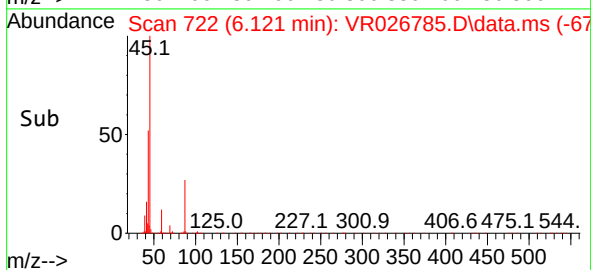
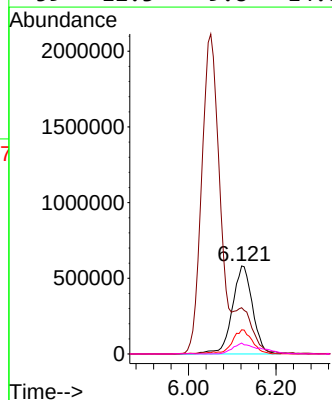
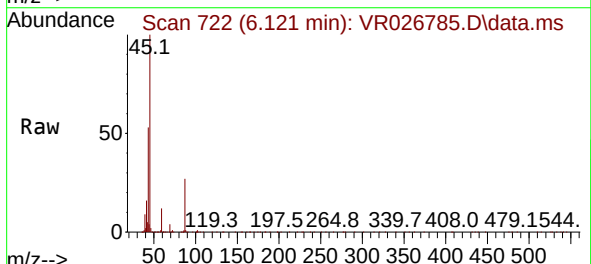
Manual Integrations
APPROVED

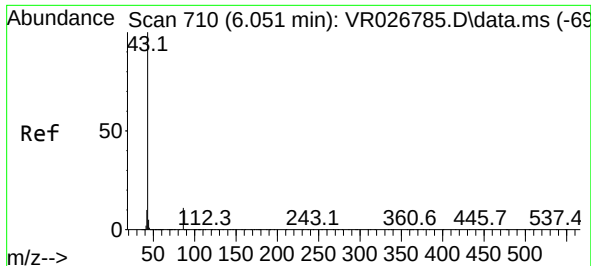
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#22
Diisopropyl ether
Concen: 50.982 ug/l
RT: 6.121 min Scan# 722
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

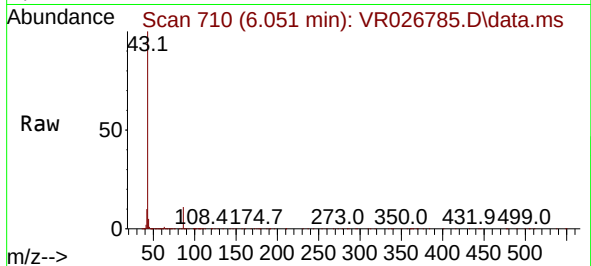
Tgt Ion: 45 Resp: 1858200
Ion Ratio Lower Upper
45 100
43 52.3 41.8 62.8
87 27.3 21.8 32.8
59 12.3 9.8 14.8





#23
 Vinyl Acetate
 Concen: 250.552 ug/l
 RT: 6.051 min Scan# 710
 Delta R.T. 0.000 min
 Lab File: VR026785.D
 Acq: 22 Oct 2025 14:43

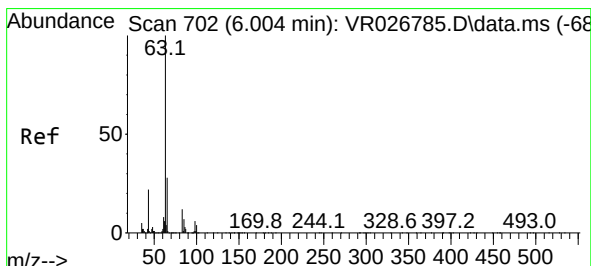
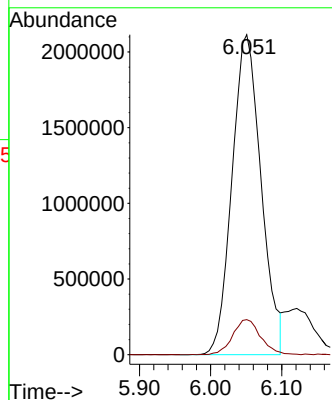
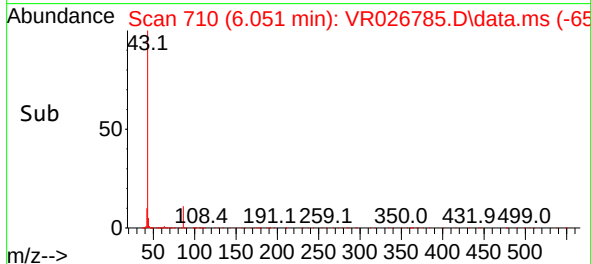
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICCC050



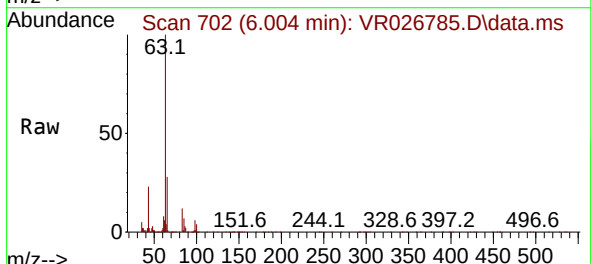
Tgt Ion: 43 Resp: 601200
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.7 13.1

Manual Integrations
 APPROVED

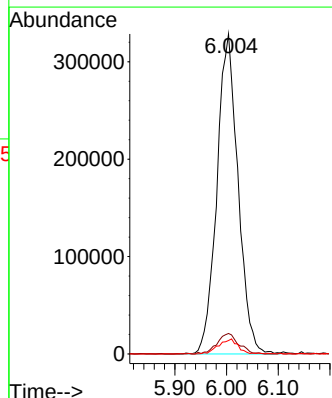
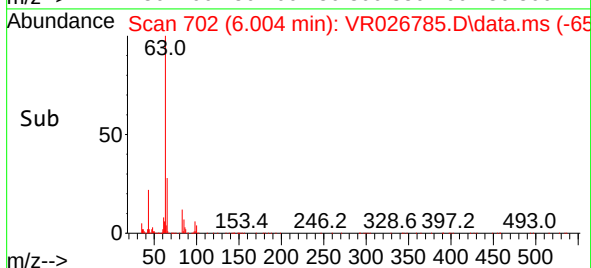
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025

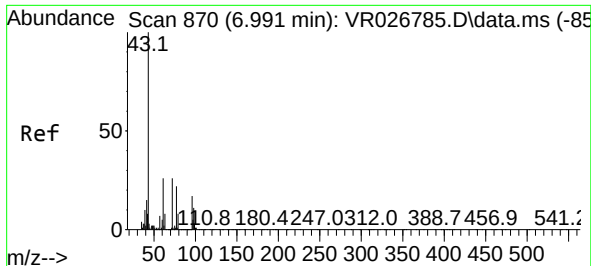


#24
 1,1-Dichloroethane
 Concen: 50.253 ug/l
 RT: 6.004 min Scan# 702
 Delta R.T. 0.000 min
 Lab File: VR026785.D
 Acq: 22 Oct 2025 14:43



Tgt Ion: 63 Resp: 931960
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.1 9.4
 100 4.2 2.1 6.3





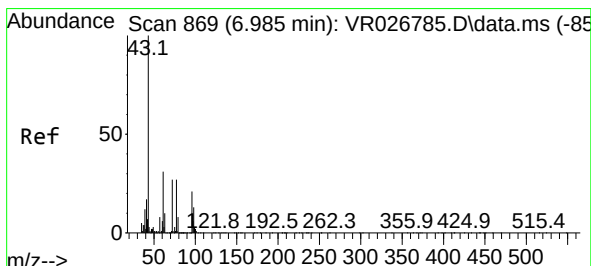
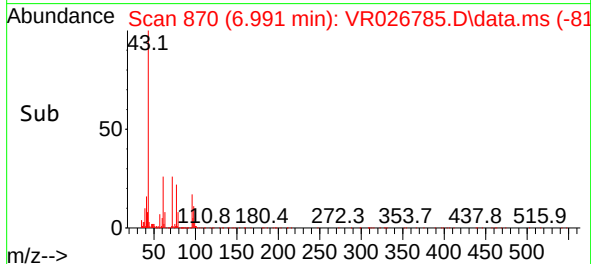
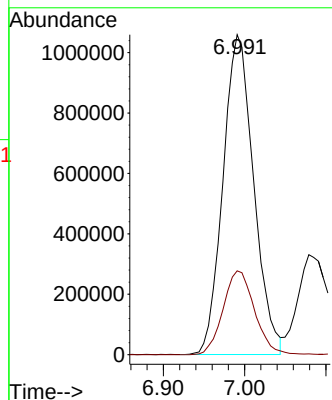
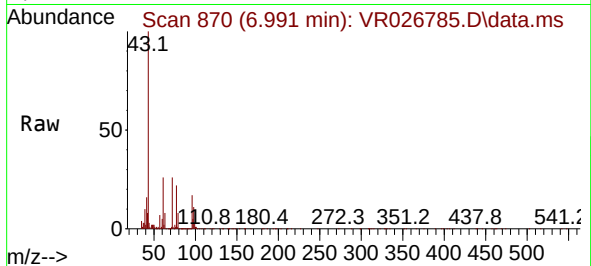
#25
2-Butanone
Concen: 240.936 ug/l
RT: 6.991 min Scan# 870
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 278110
Ion Ratio Lower Upper
43 100
72 26.2 21.0 31.4

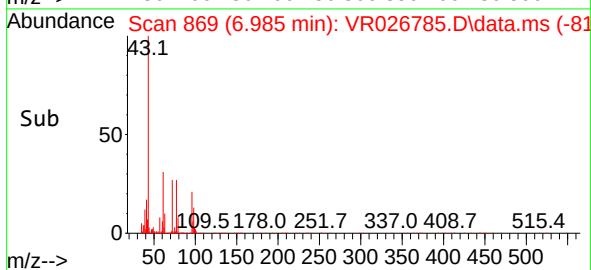
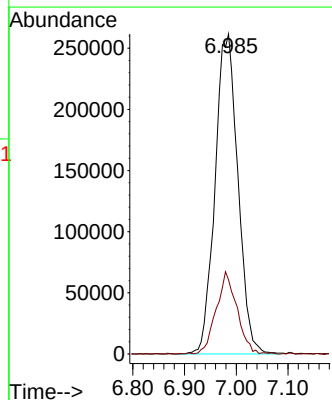
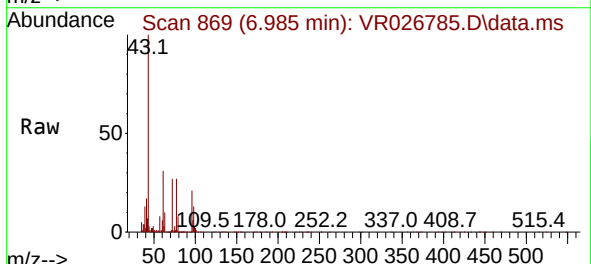
Manual Integrations
APPROVED

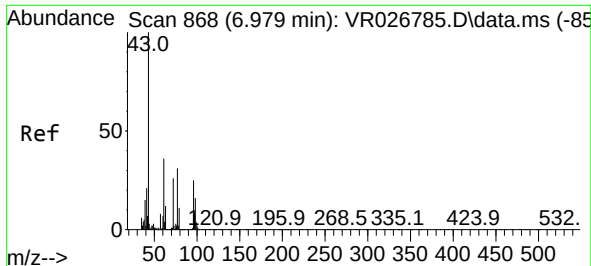
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#26
2,2-Dichloropropane
Concen: 50.581 ug/l
RT: 6.985 min Scan# 869
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

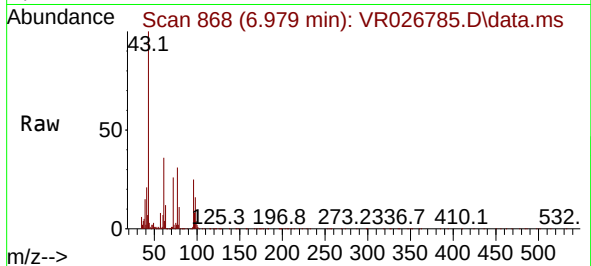
Tgt Ion: 77 Resp: 801390
Ion Ratio Lower Upper
77 100
97 23.1 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 49.473 ug/l
 RT: 6.979 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VR026785.D
 Acq: 22 Oct 2025 14:43

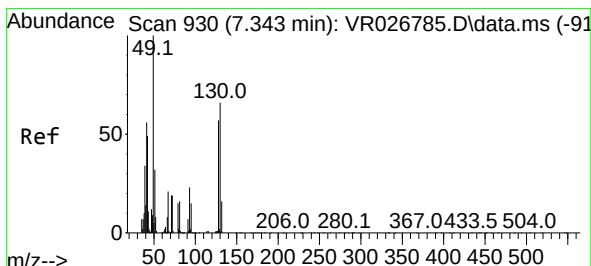
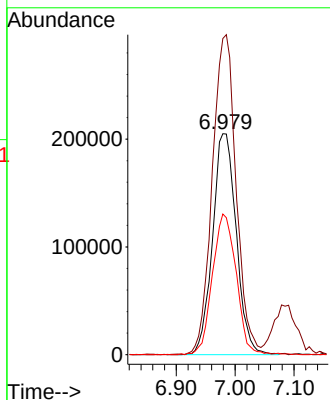
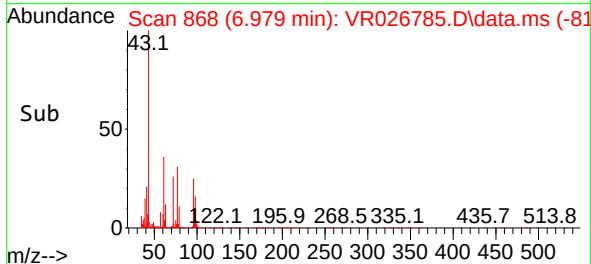
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 573060
 Ion Ratio Lower Upper
 96 100
 61 145.5 0.0 291.0
 98 63.9 0.0 127.8

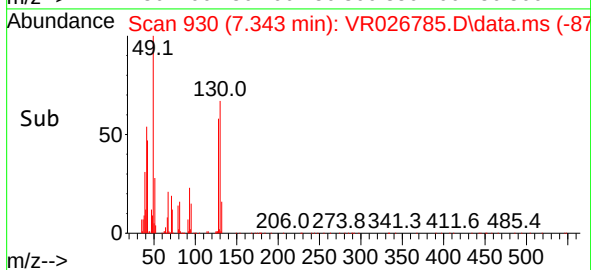
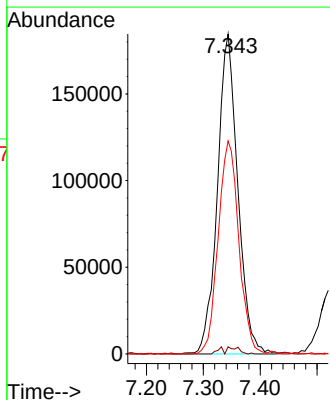
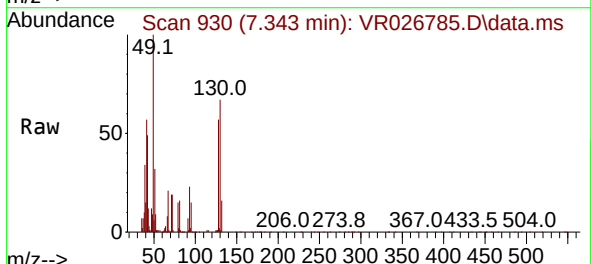
Manual Integrations
 APPROVED

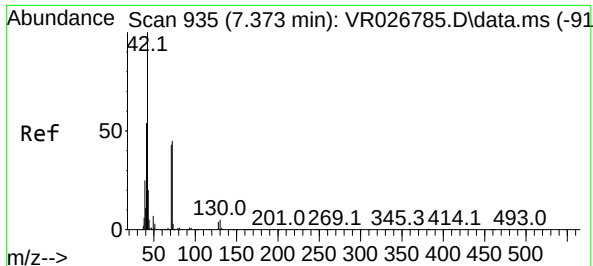
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#28
 Bromochloromethane
 Concen: 54.934 ug/l
 RT: 7.343 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VR026785.D
 Acq: 22 Oct 2025 14:43

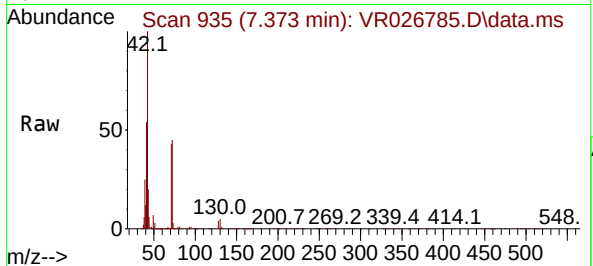
Tgt Ion: 49 Resp: 460315
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 2.6
 130 67.2 53.8 80.6





#29
Tetrahydrofuran
Concen: 258.065 ug/l
RT: 7.373 min Scan# 911
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

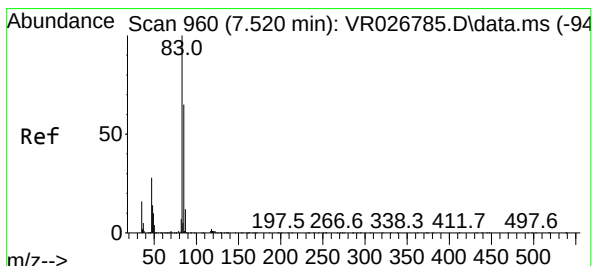
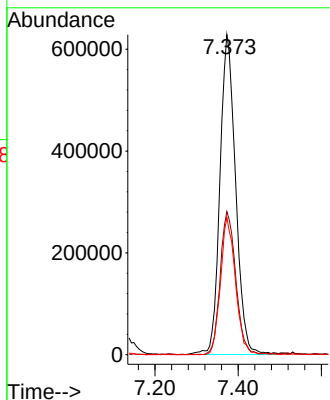
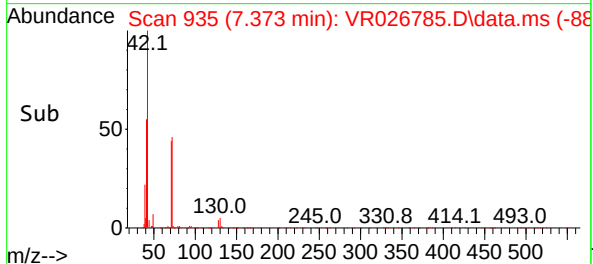
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050



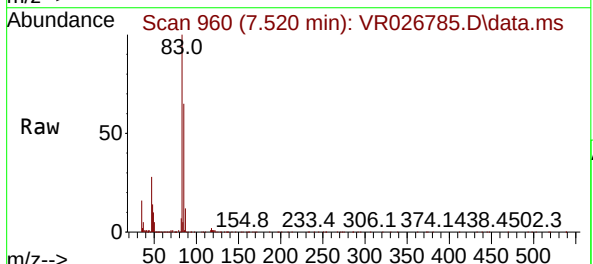
Tgt Ion: 42 Resp: 1644149
Ion Ratio Lower Upper
42 100
72 44.2 35.4 53.0
71 41.0 32.8 49.2

Manual Integrations
APPROVED

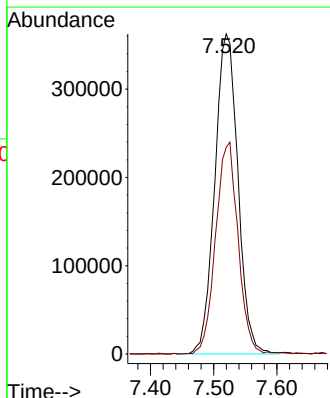
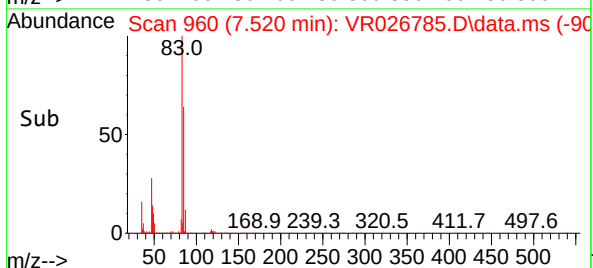
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

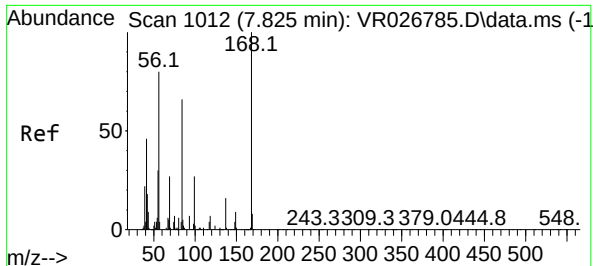


#30
Chloroform
Concen: 51.392 ug/l
RT: 7.520 min Scan# 960
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43



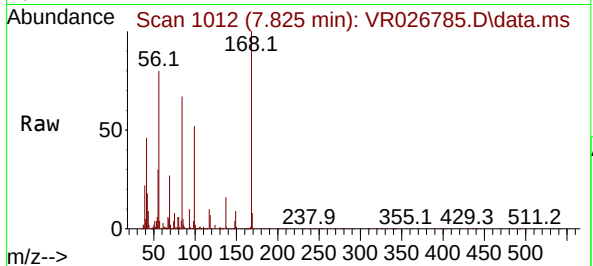
Tgt Ion: 83 Resp: 923017
Ion Ratio Lower Upper
83 100
85 64.6 51.7 77.5





#31
Cyclohexane
Concen: 47.005 ug/l
RT: 7.825 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

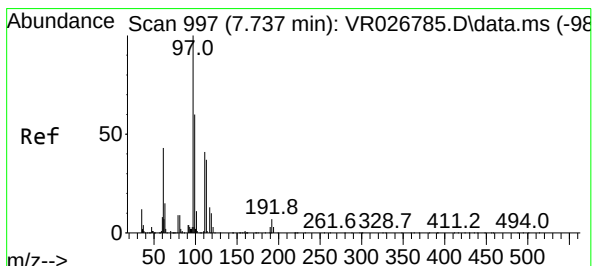
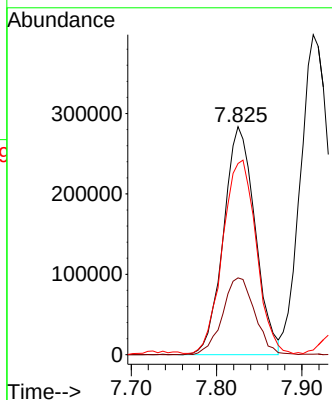
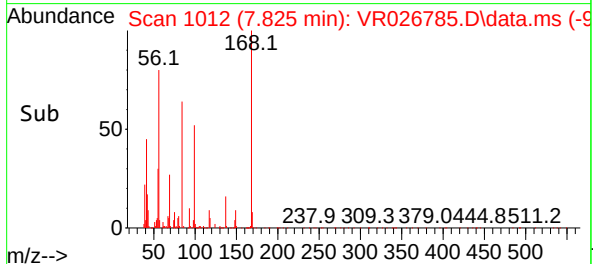
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 72894
Ion Ratio Lower Upper
56 100
69 33.6 26.9 40.3
84 82.6 66.1 99.1

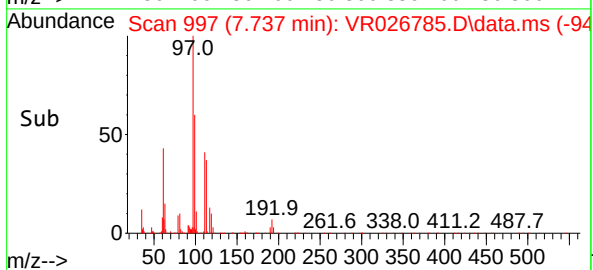
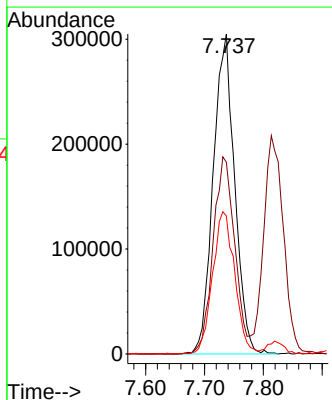
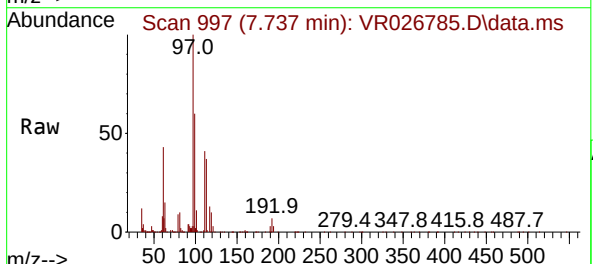
Manual Integrations
APPROVED

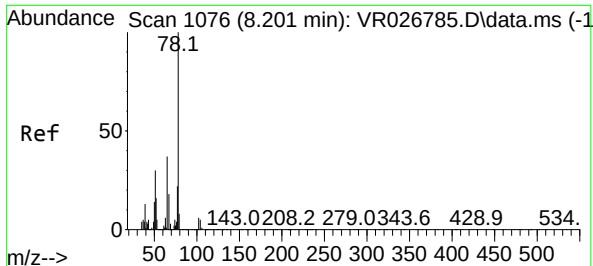
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#32
1,1,1-Trichloroethane
Concen: 51.800 ug/l
RT: 7.737 min Scan# 997
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

Tgt Ion: 97 Resp: 769894
Ion Ratio Lower Upper
97 100
99 61.9 49.5 74.3
61 46.1 36.9 55.3





#33

1,2-Dichloroethane-d4

Concen: 48.818 ug/l

RT: 8.201 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VR026785.D

Acq: 22 Oct 2025 14:43

Instrument :

MSVOA_R

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 320459

Ion Ratio Lower Upper

65 100

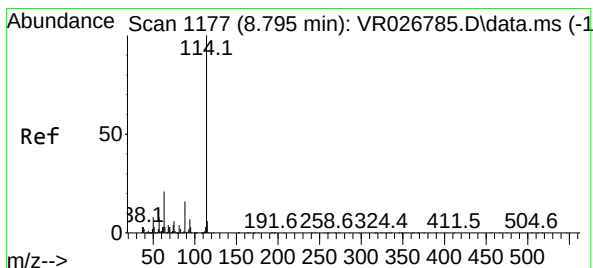
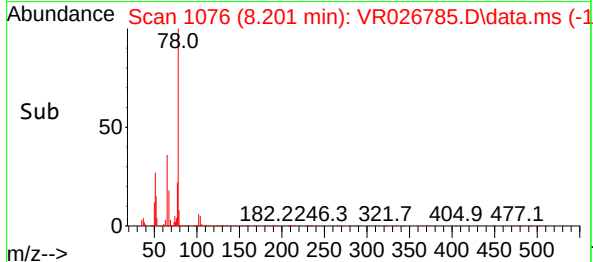
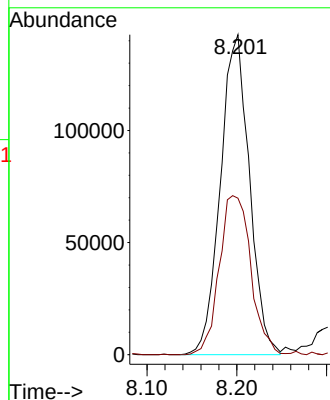
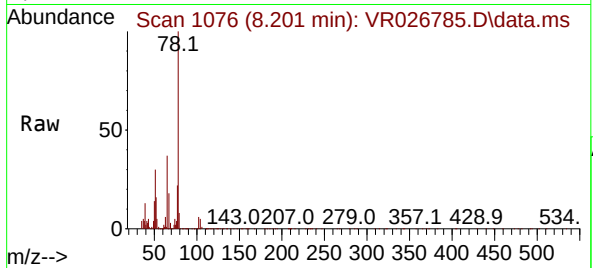
67 54.1 0.0 108.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.795 min Scan# 1177

Delta R.T. 0.000 min

Lab File: VR026785.D

Acq: 22 Oct 2025 14:43

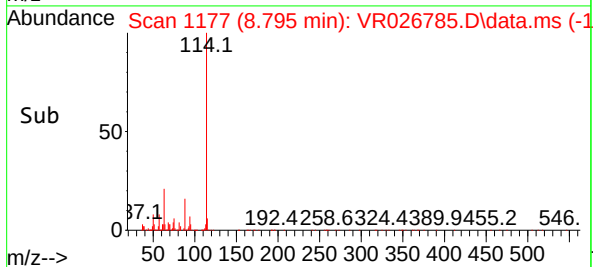
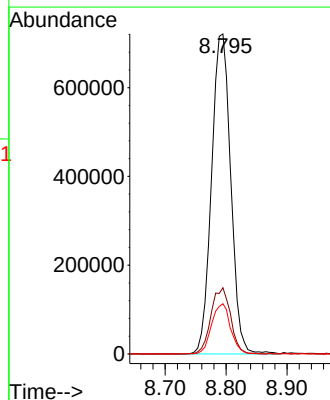
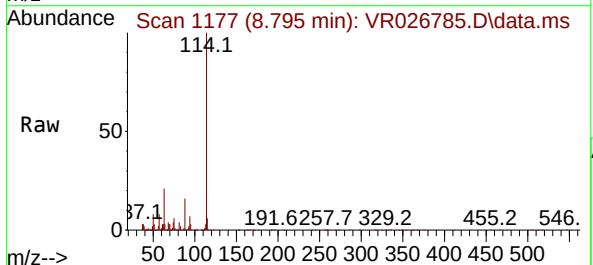
Tgt Ion:114 Resp: 1576563

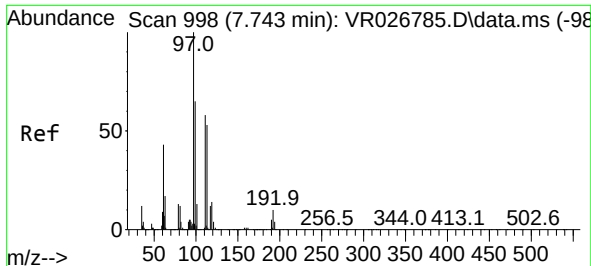
Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

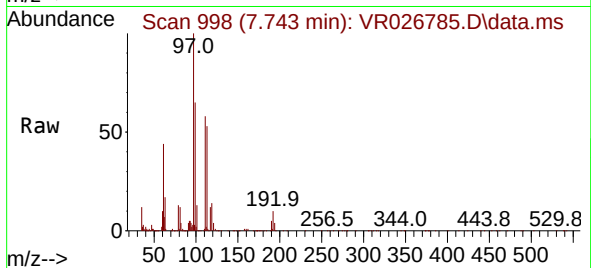
88 15.7 0.0 31.4





#35
Dibromofluoromethane
Concen: 46.663 ug/l
RT: 7.743 min Scan# 998
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

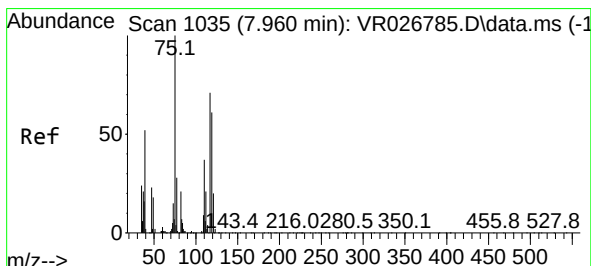
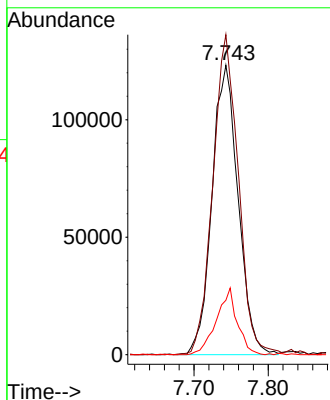
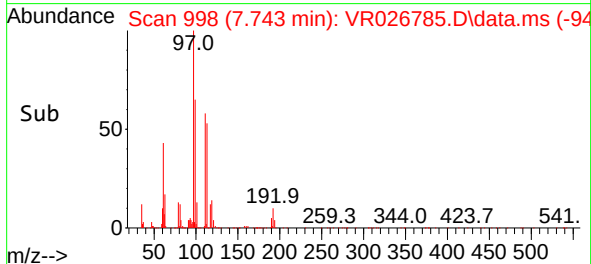
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050



Tgt Ion: 113 Resp: 302404
Ion Ratio Lower Upper
113 100
111 107.5 86.0 129.0
192 18.3 14.6 22.0

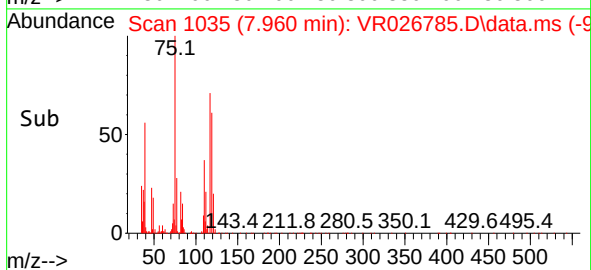
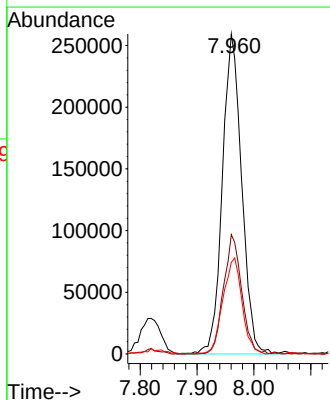
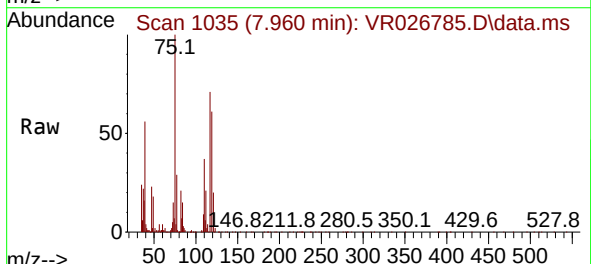
Manual Integrations
APPROVED

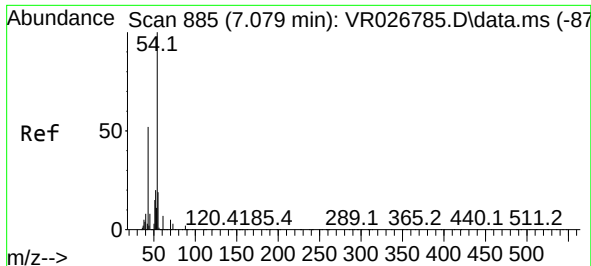
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#36
1,1-Dichloropropene
Concen: 49.211 ug/l
RT: 7.960 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

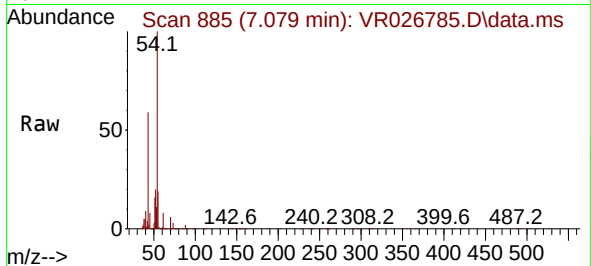
Tgt Ion: 75 Resp: 612604
Ion Ratio Lower Upper
75 100
110 34.8 17.4 52.2
77 29.8 23.8 35.8





#37
Ethyl Acetate
Concen: 50.091 ug/l
RT: 7.079 min Scan# 885
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

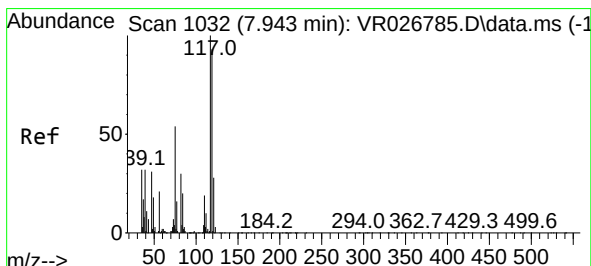
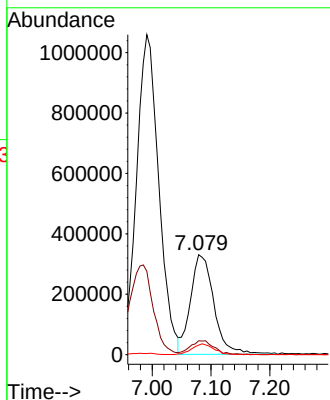
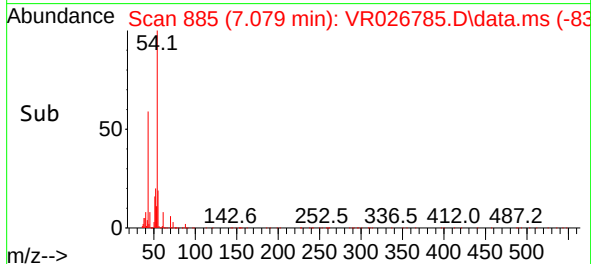
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 913500
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.6
70 9.8 7.8 11.8

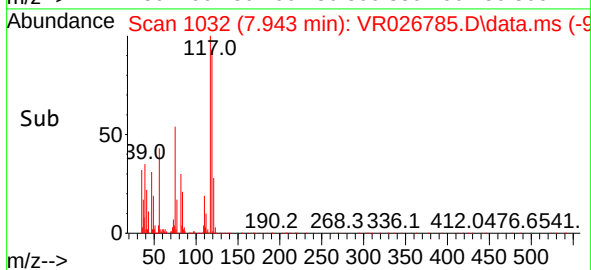
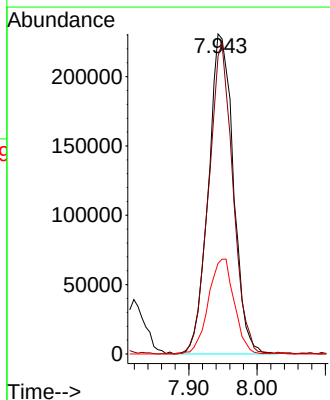
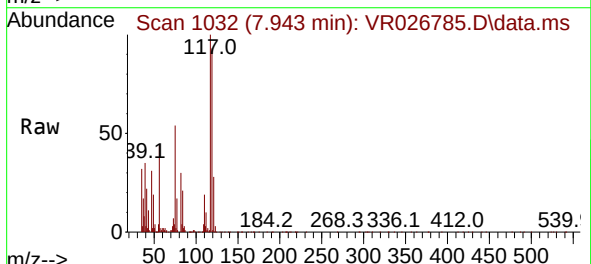
Manual Integrations
APPROVED

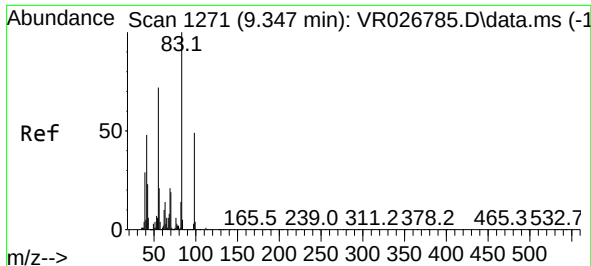
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#38
Carbon Tetrachloride
Concen: 50.701 ug/l
RT: 7.943 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

Tgt Ion:117 Resp: 588563
Ion Ratio Lower Upper
117 100
119 92.9 74.3 111.5
121 28.2 22.6 33.8





#39

Methylcyclohexane

Concen: 49.289 ug/l

RT: 9.347 min Scan# 1

Delta R.T. 0.000 min

Lab File: VR026785.D

Acq: 22 Oct 2025 14:43

Instrument :

MSVOA_R

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 77158

Ion Ratio Lower Upper

83 100

55 71.4 57.1 85.7

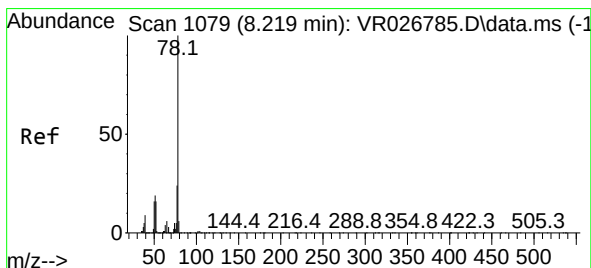
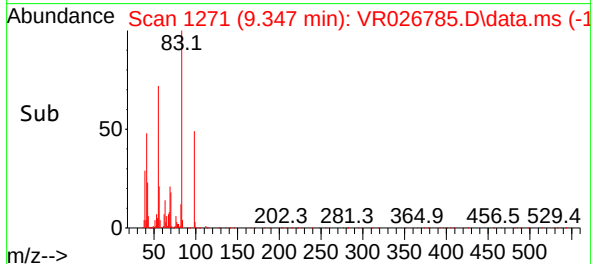
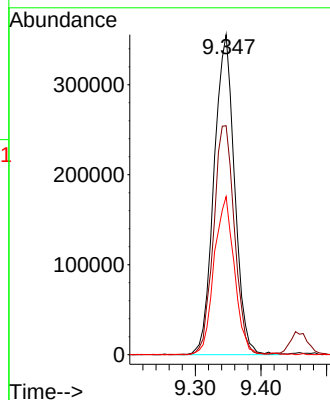
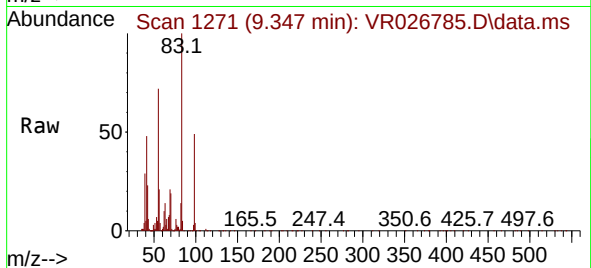
98 49.3 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#40

Benzene

Concen: 49.450 ug/l

RT: 8.219 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VR026785.D

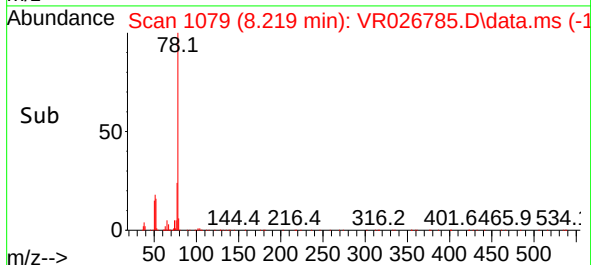
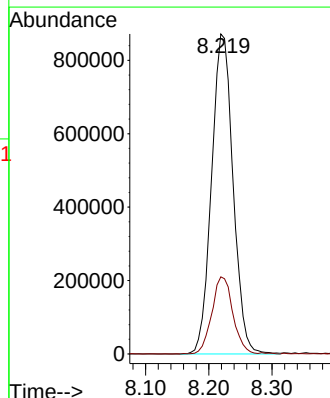
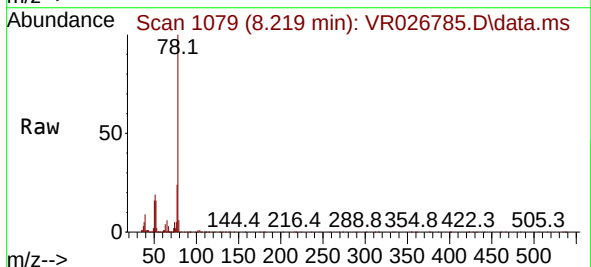
Acq: 22 Oct 2025 14:43

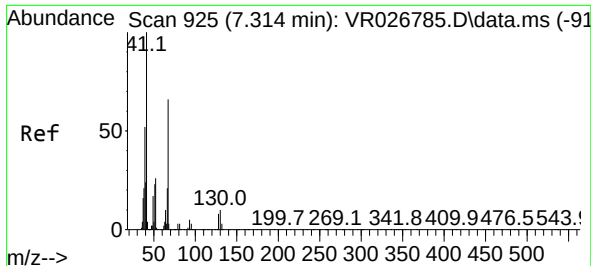
Tgt Ion: 78 Resp: 2062076

Ion Ratio Lower Upper

78 100

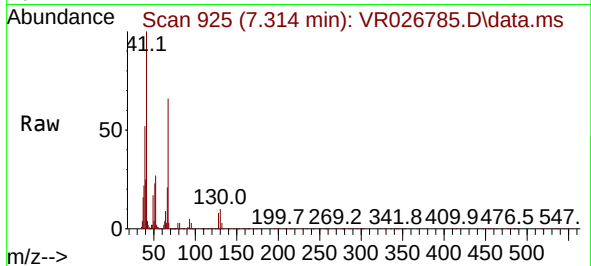
77 24.1 19.3 28.9





#41
Methacrylonitrile
Concen: 51.090 ug/l
RT: 7.314 min Scan# 91
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

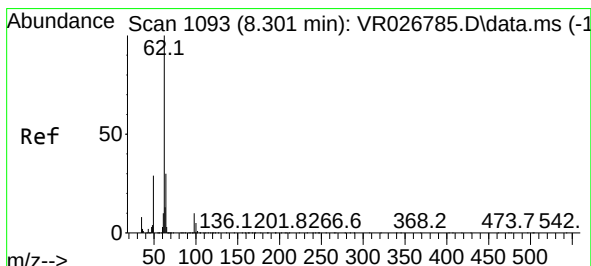
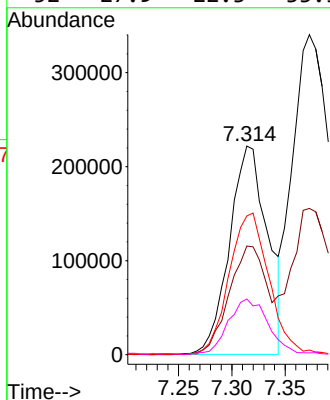
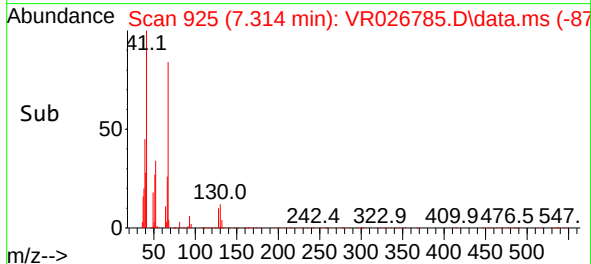
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050



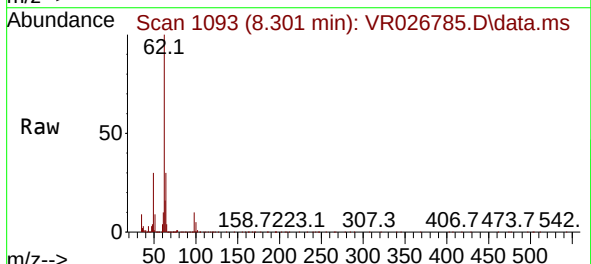
Tgt Ion: 41 Resp: 549198
Ion Ratio Lower Upper
41 100
39 50.4 40.3 60.5
67 71.6 57.3 85.9
52 27.9 22.3 33.5

Manual Integrations
APPROVED

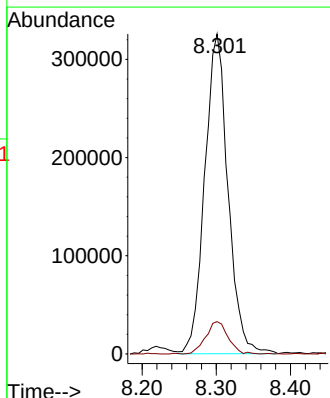
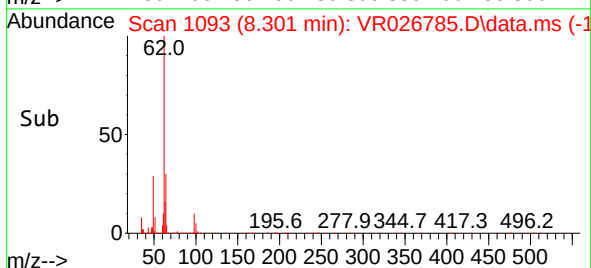
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

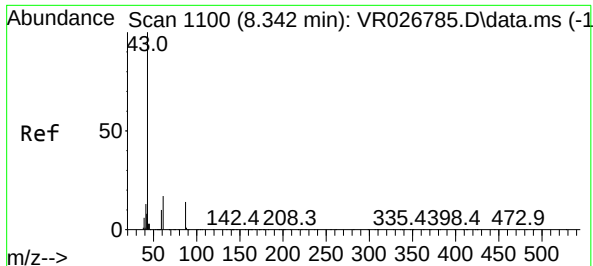


#42
1,2-Dichloroethane
Concen: 51.966 ug/l
RT: 8.301 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43



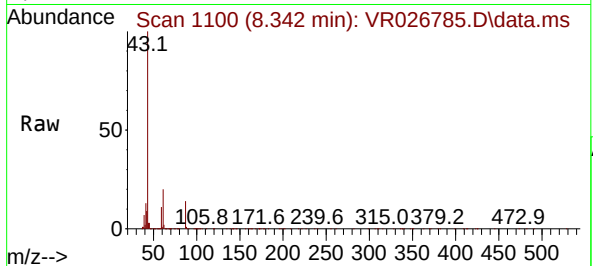
Tgt Ion: 62 Resp: 710015
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.4





#43
Isopropyl Acetate
Concen: 51.415 ug/l
RT: 8.342 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

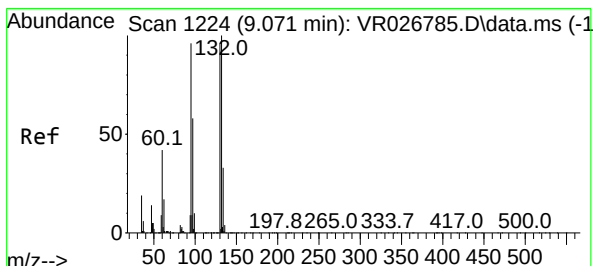
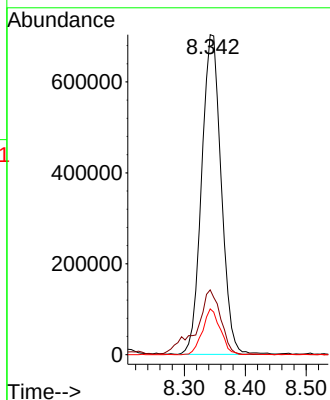
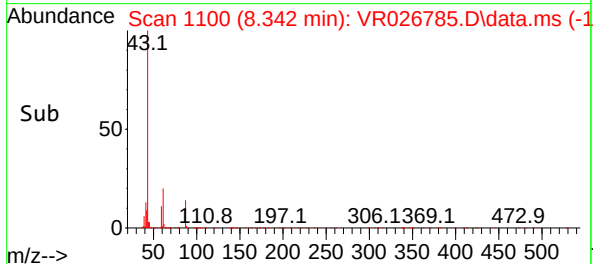
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 157014
Ion Ratio Lower Upper
43 100
61 25.0 20.0 30.0
87 13.1 10.5 15.7

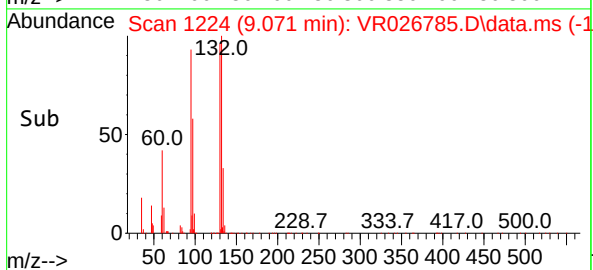
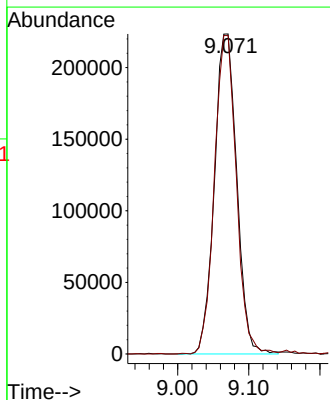
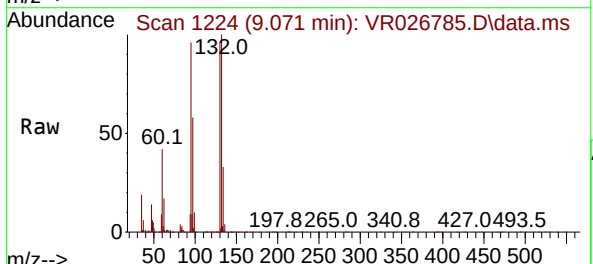
Manual Integrations
APPROVED

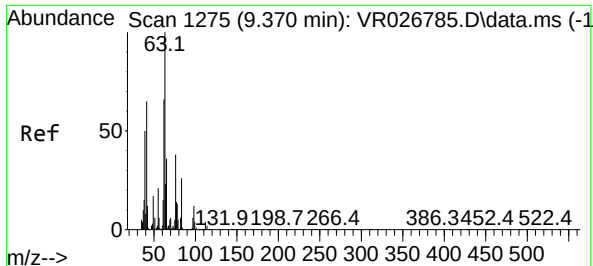
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#44
Trichloroethene
Concen: 48.996 ug/l
RT: 9.071 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

Tgt Ion:130 Resp: 487622
Ion Ratio Lower Upper
130 100
95 99.3 0.0 198.6





#45

1,2-Dichloropropane

Concen: 48.840 ug/l

RT: 9.370 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VR026785.D

Acq: 22 Oct 2025 14:43

Instrument :

MSVOA_R

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 53185

Ion Ratio Lower Upper

63 100

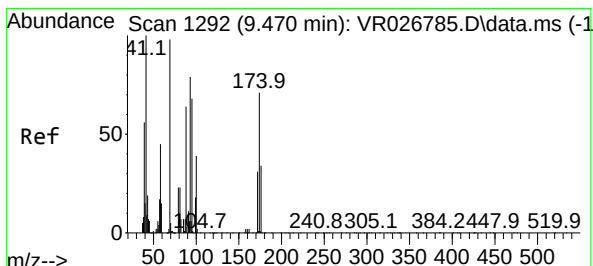
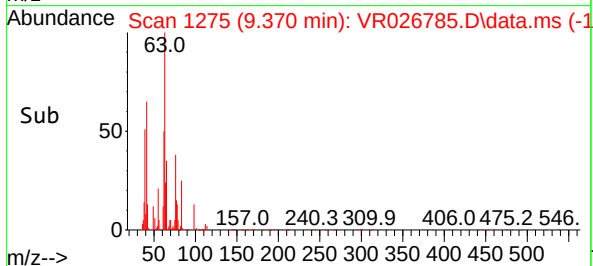
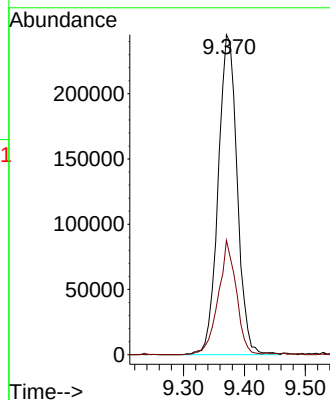
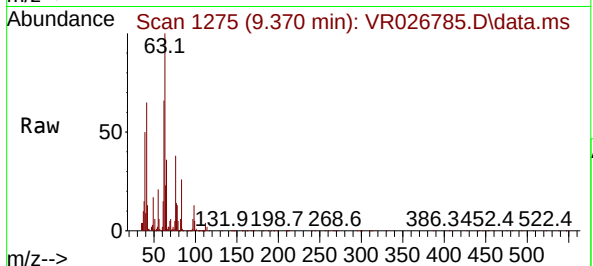
65 35.8 28.6 43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#46

Dibromomethane

Concen: 50.331 ug/l

RT: 9.470 min Scan# 1292

Delta R.T. 0.000 min

Lab File: VR026785.D

Acq: 22 Oct 2025 14:43

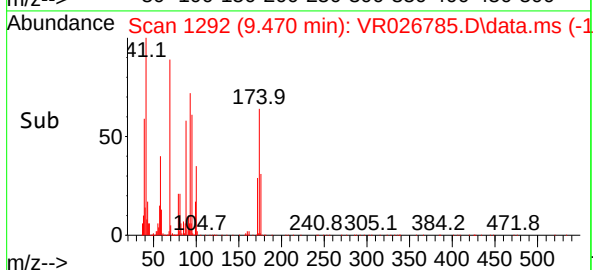
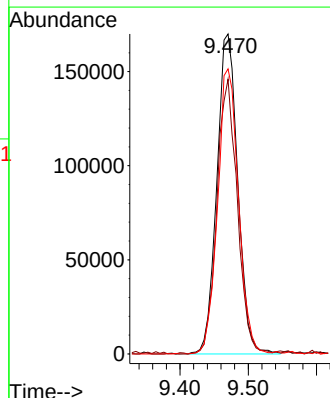
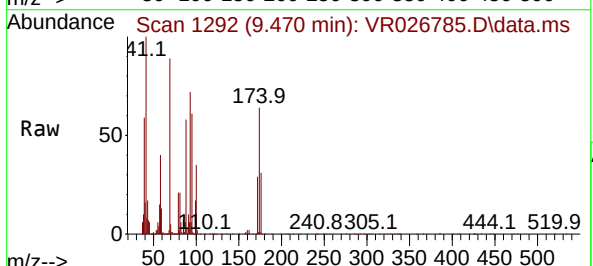
Tgt Ion: 93 Resp: 363768

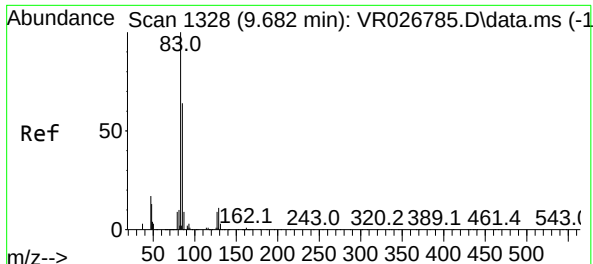
Ion Ratio Lower Upper

93 100

95 83.7 67.0 100.4

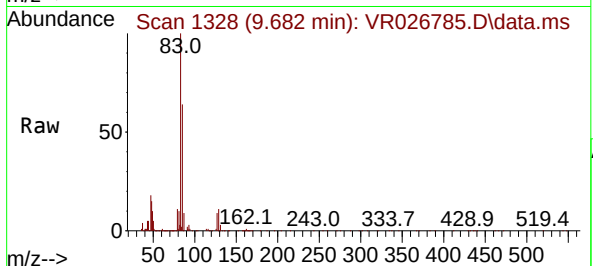
174 88.9 71.1 106.7





#47
Bromodichloromethane
Concen: 50.868 ug/l
RT: 9.682 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

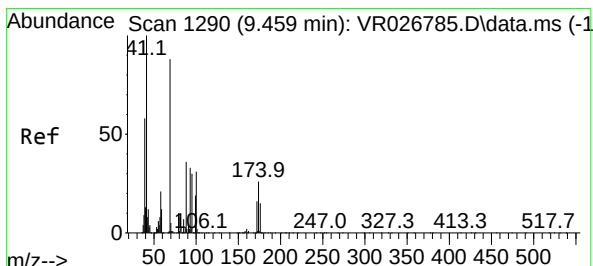
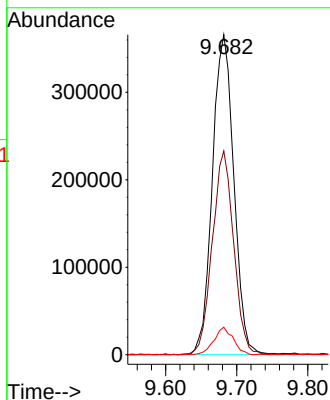
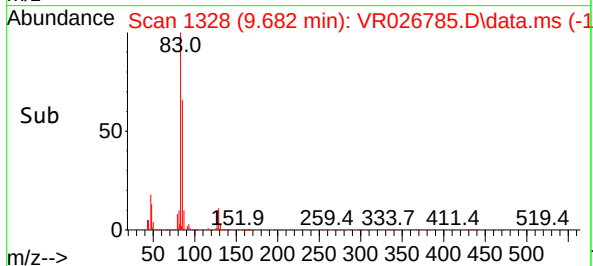
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 764890
Ion Ratio Lower Upper
83 100
85 63.7 51.0 76.4
127 8.6 6.9 10.3

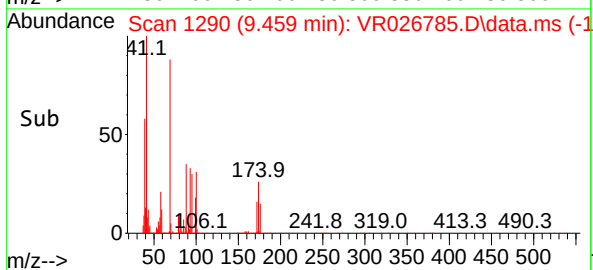
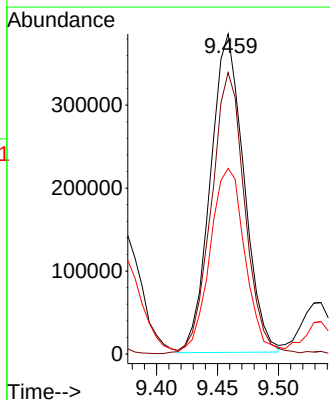
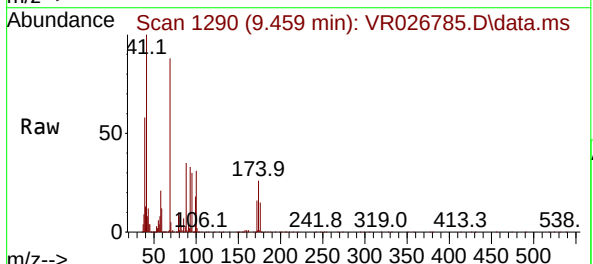
Manual Integrations
APPROVED

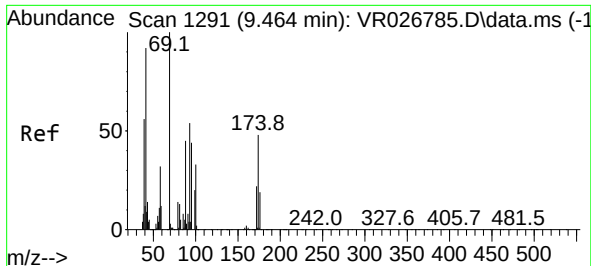
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#48
Methyl methacrylate
Concen: 51.226 ug/l
RT: 9.459 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

Tgt Ion: 41 Resp: 735116
Ion Ratio Lower Upper
41 100
69 87.8 70.2 105.4
39 60.9 48.7 73.1





#49

1,4-Dioxane

Concen: 1045.685 ug/l

RT: 9.464 min Scan# 1291

Delta R.T. 0.000 min

Lab File: VR026785.D

Acq: 22 Oct 2025 14:43

Instrument :

MSVOA_R

ClientSampleId :

VSTDICCC050

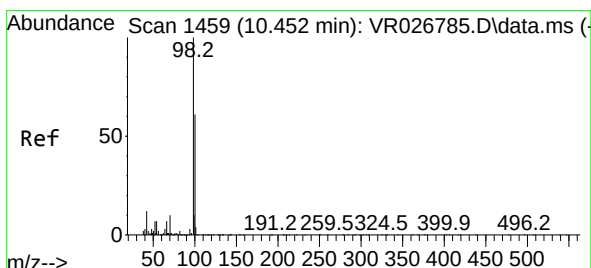
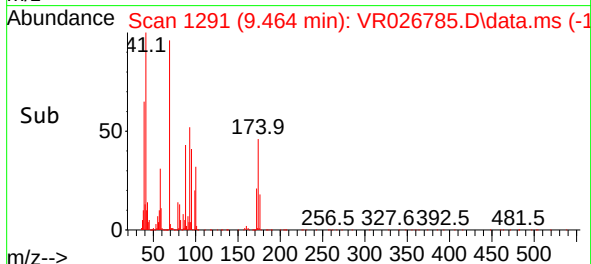
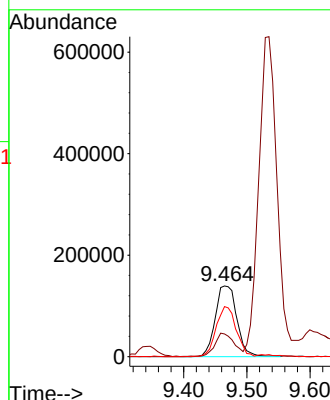
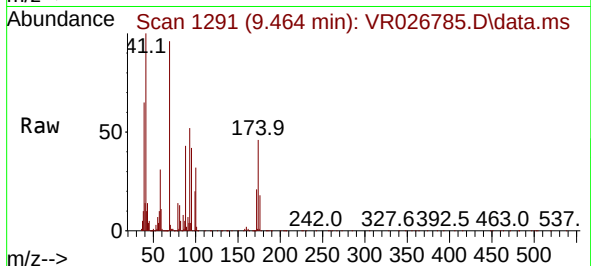
Tgt Ion: 88 Resp: 330220
 Ion Ratio Lower Upper
 88 100
 43 29.3 23.4 35.2
 58 65.9 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#50

Toluene-d8

Concen: 46.846 ug/l

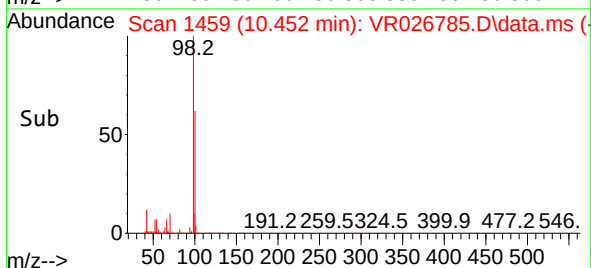
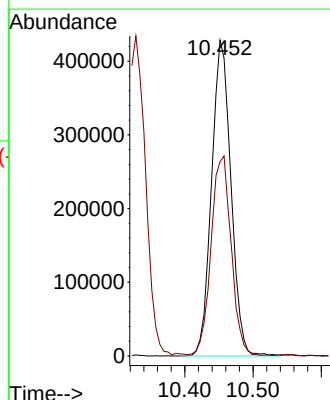
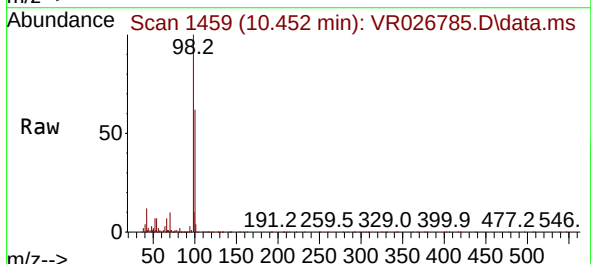
RT: 10.452 min Scan# 1459

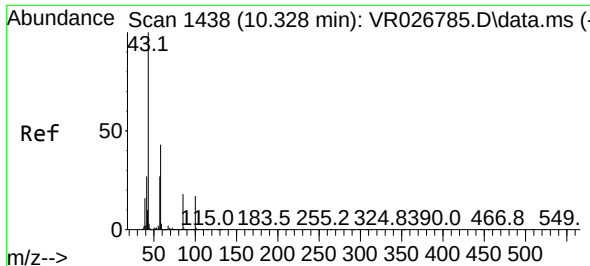
Delta R.T. 0.000 min

Lab File: VR026785.D

Acq: 22 Oct 2025 14:43

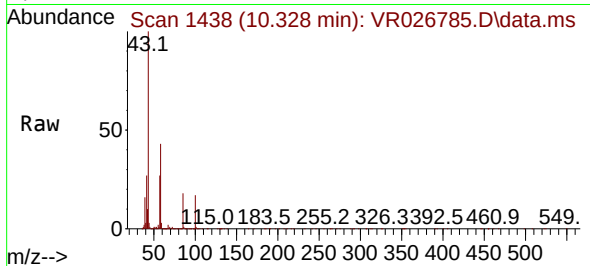
Tgt Ion: 98 Resp: 846942
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 257.108 ug/l
RT: 10.328 min Scan# 1438
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

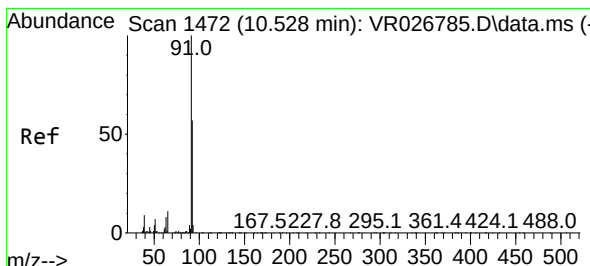
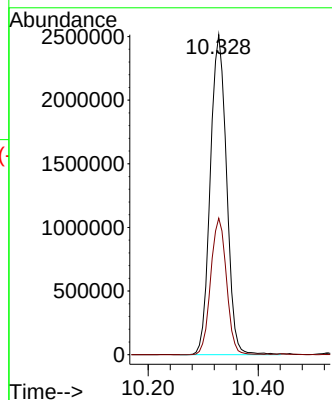
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 5148280
Ion Ratio Lower Upper
43 100
58 41.4 33.1 49.7

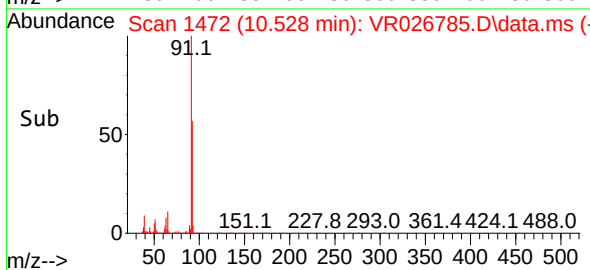
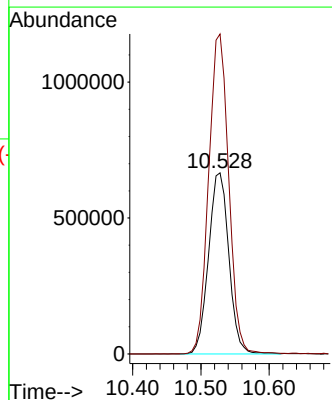
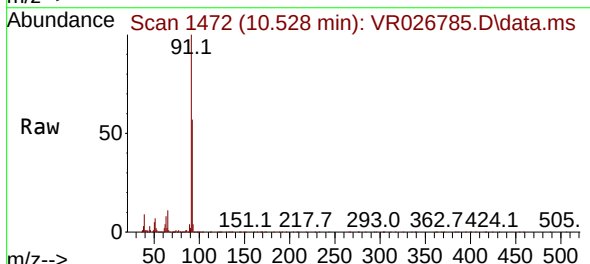
Manual Integrations
APPROVED

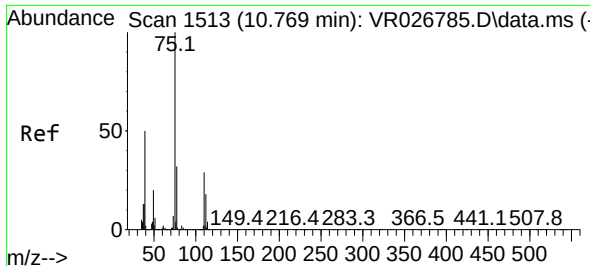
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#52
Toluene
Concen: 49.097 ug/l
RT: 10.528 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

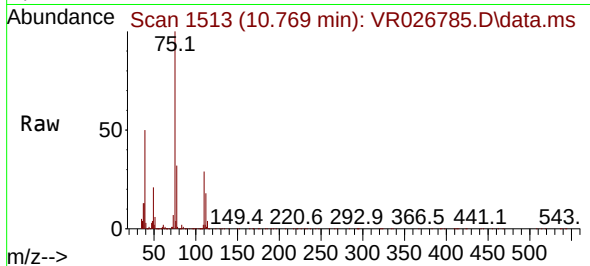
Tgt Ion: 92 Resp: 1379246
Ion Ratio Lower Upper
92 100
91 174.5 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 51.457 ug/l
RT: 10.769 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

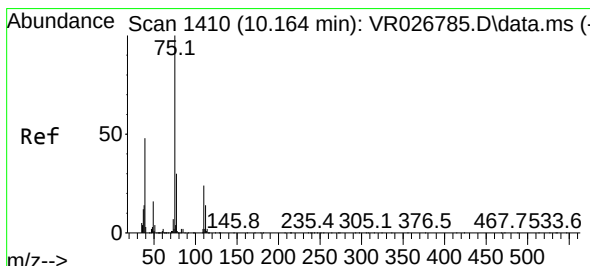
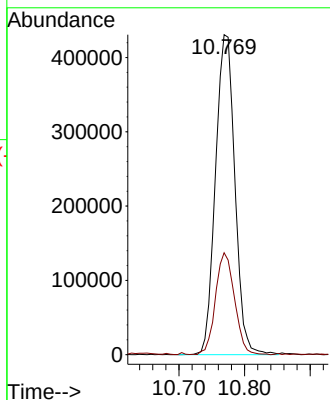
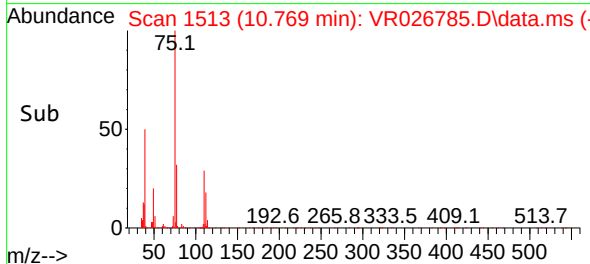
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050



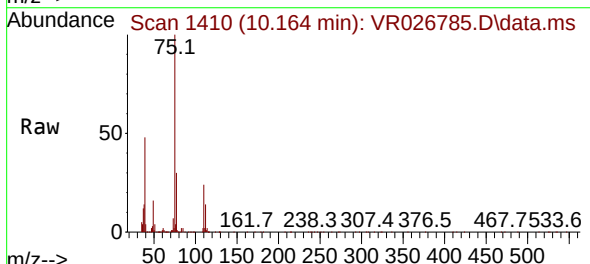
Tgt Ion: 75 Resp: 882892
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2

Manual Integrations
APPROVED

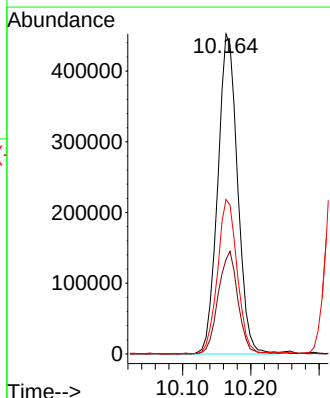
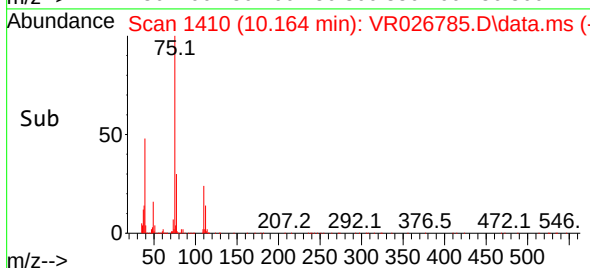
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

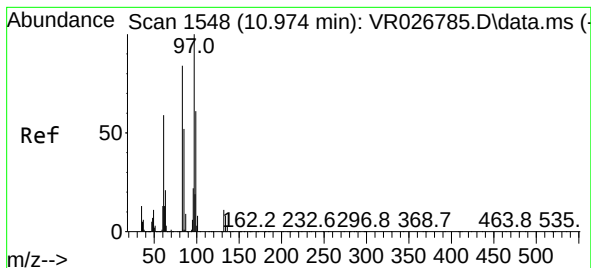


#54
cis-1,3-Dichloropropene
Concen: 51.241 ug/l
RT: 10.164 min Scan# 1410
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43



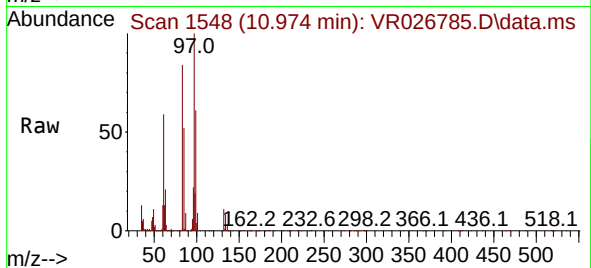
Tgt Ion: 75 Resp: 914614
Ion Ratio Lower Upper
75 100
77 29.6 23.7 35.5
39 48.3 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 49.975 ug/l
RT: 10.974 min Scan# 1548
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

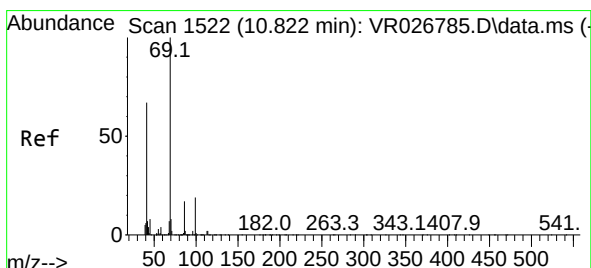
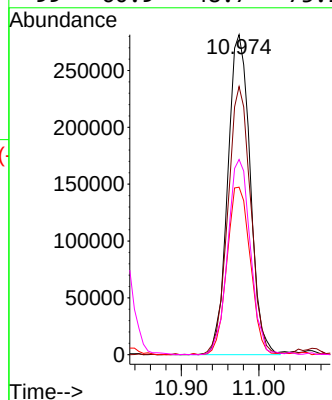
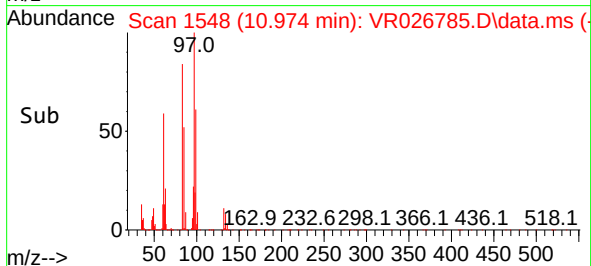
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050



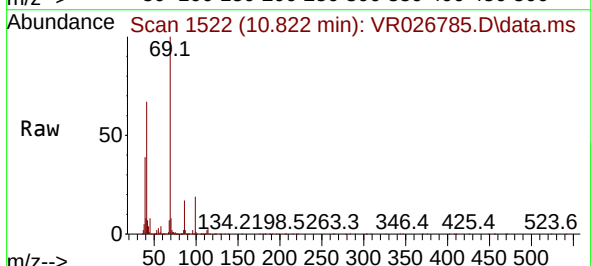
Tgt Ion: 97 Resp: 567160
Ion Ratio Lower Upper
97 100
83 83.8 67.0 100.6
85 52.3 41.8 62.8
99 60.9 48.7 73.1

Manual Integrations
APPROVED

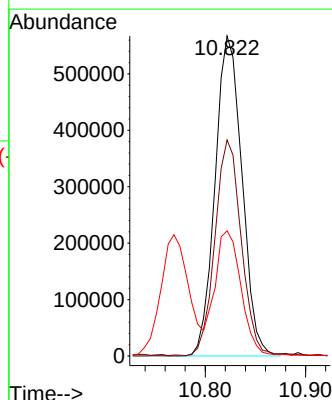
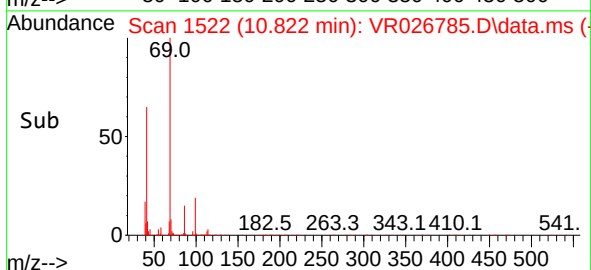
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

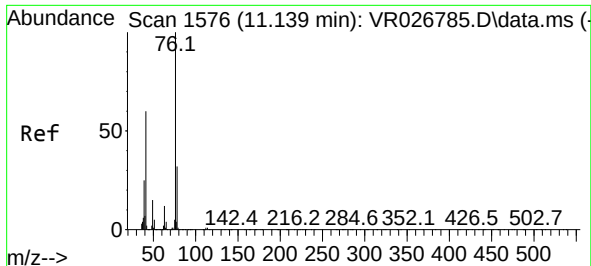


#56
Ethyl methacrylate
Concen: 50.183 ug/l
RT: 10.822 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43



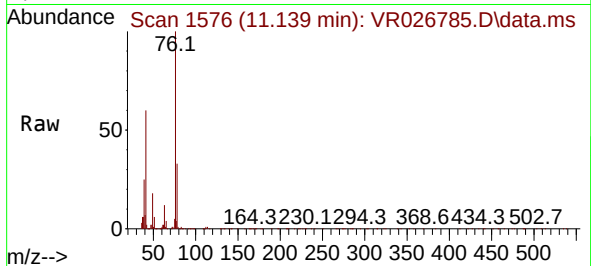
Tgt Ion: 69 Resp: 1054395
Ion Ratio Lower Upper
69 100
41 65.9 52.7 79.1
39 38.3 30.6 46.0





#57
1,3-Dichloropropane
Concen: 49.490 ug/l
RT: 11.139 min Scan# 1576
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

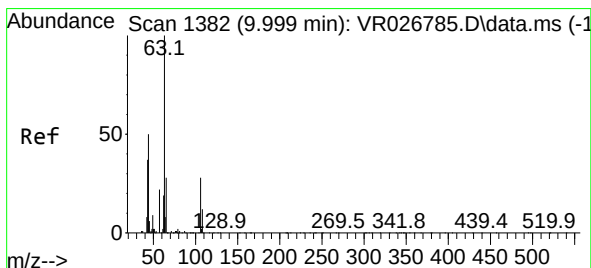
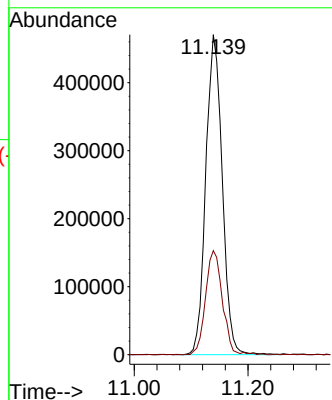
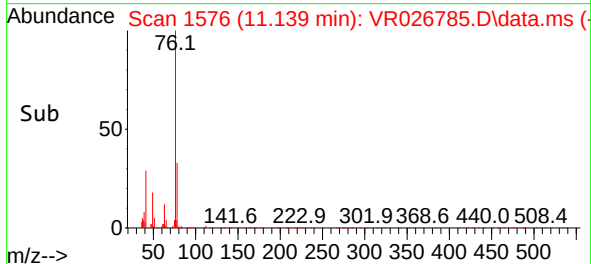
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 942060
Ion Ratio Lower Upper
76 100
78 33.4 26.7 40.1

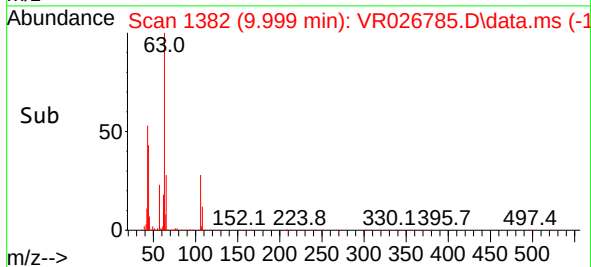
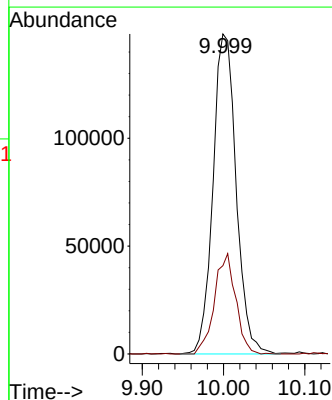
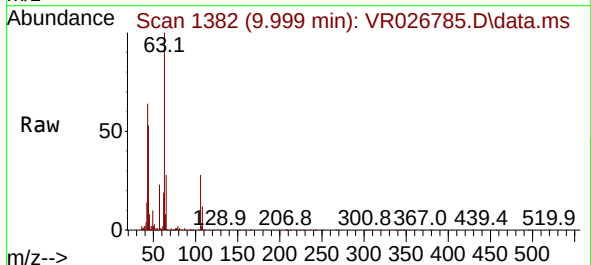
Manual Integrations
APPROVED

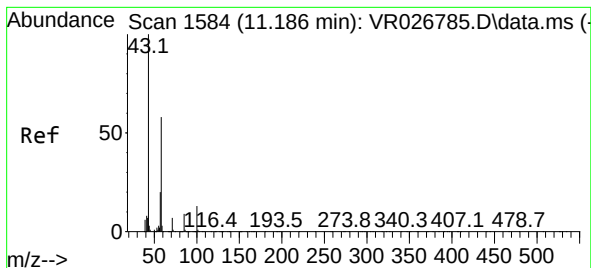
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#58
2-Chloroethyl Vinyl ether
Concen: 254.349 ug/l
RT: 9.999 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

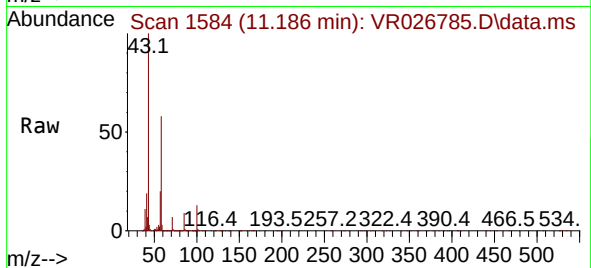
Tgt Ion: 63 Resp: 294310
Ion Ratio Lower Upper
63 100
106 28.7 23.0 34.4





#59
2-Hexanone
Concen: 255.545 ug/l
RT: 11.186 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

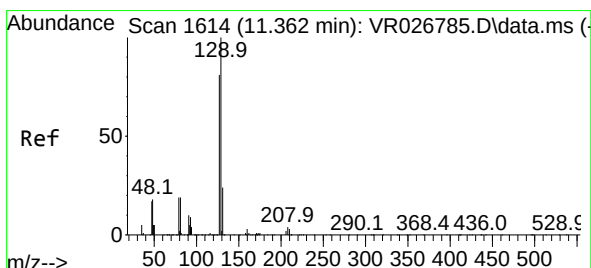
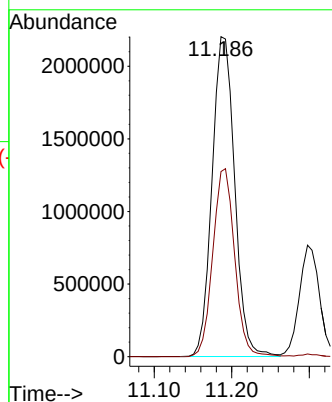
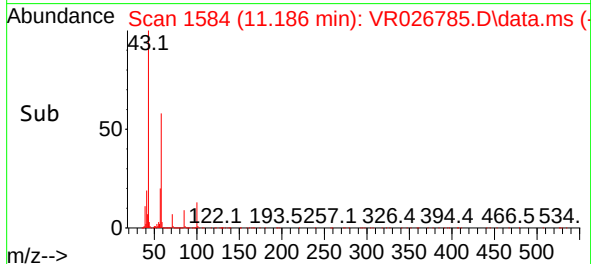
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050



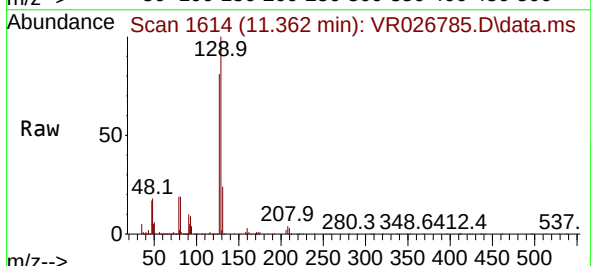
Tgt Ion: 43 Resp: 4474849
Ion Ratio Lower Upper
43 100
58 56.8 28.4 85.2

Manual Integrations
APPROVED

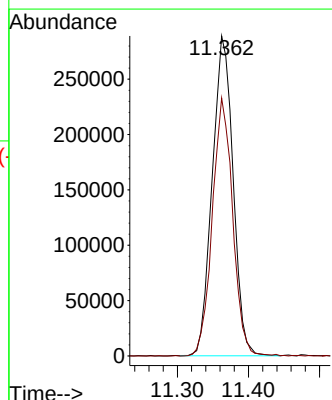
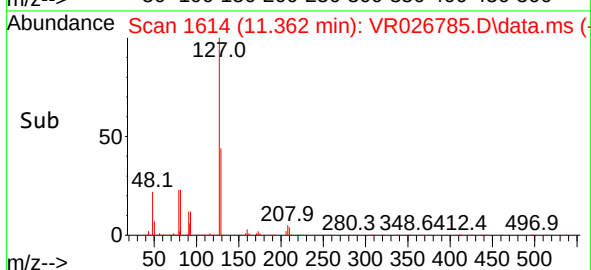
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

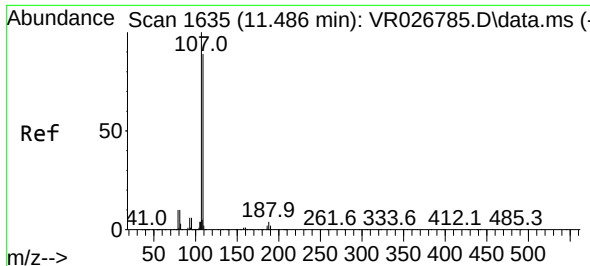


#60
Dibromochloromethane
Concen: 50.632 ug/l
RT: 11.362 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43



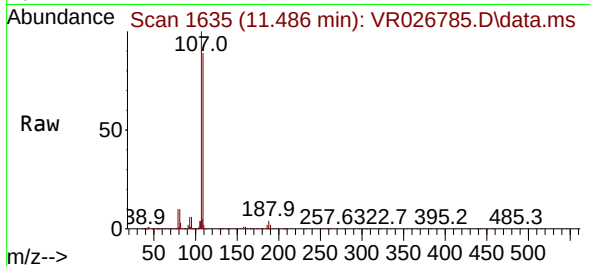
Tgt Ion:129 Resp: 587503
Ion Ratio Lower Upper
129 100
127 78.9 39.5 118.3





#61
1,2-Dibromoethane
Concen: 49.241 ug/l
RT: 11.486 min Scan# 1635
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

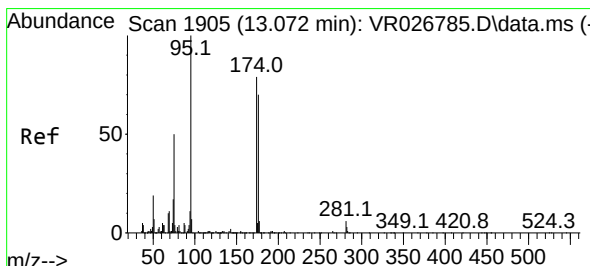
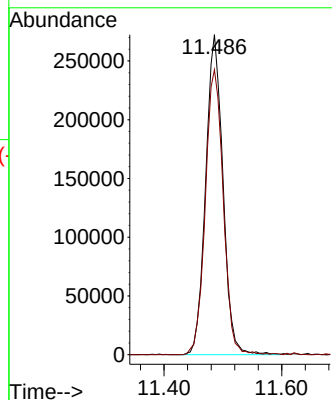
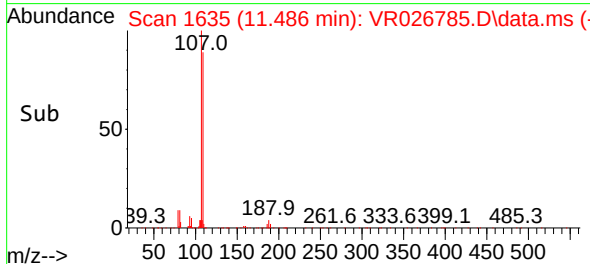
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050



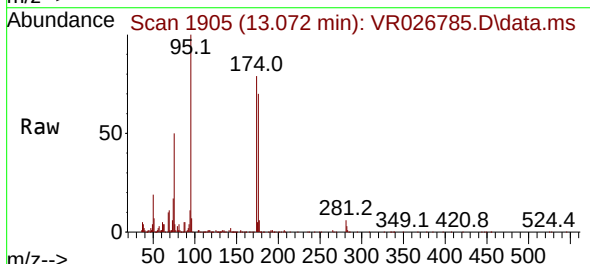
Tgt Ion:107 Resp: 555907
Ion Ratio Lower Upper
107 100
109 92.4 73.9 110.9

Manual Integrations
APPROVED

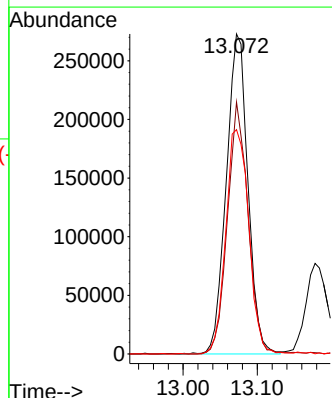
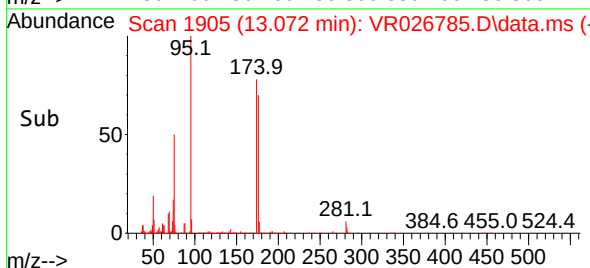
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

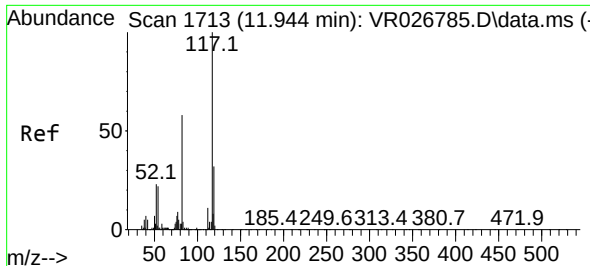


#62
4-Bromofluorobenzene
Concen: 46.307 ug/l
RT: 13.072 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43



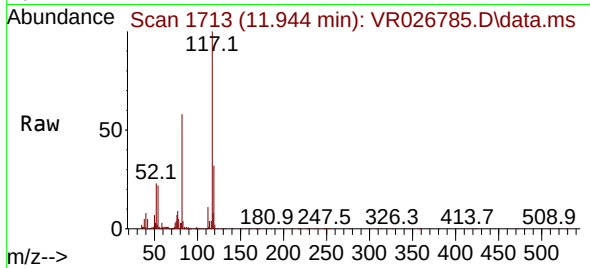
Tgt Ion: 95 Resp: 551265
Ion Ratio Lower Upper
95 100
174 75.0 0.0 150.0
176 74.9 0.0 149.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.944 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

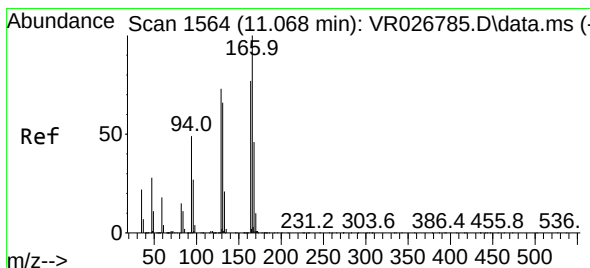
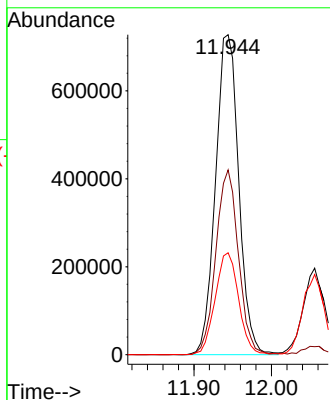
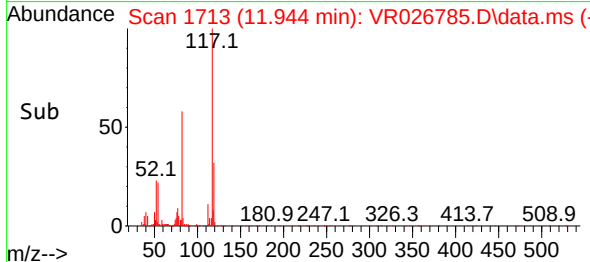
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 1517970
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.2
119 31.8 25.4 38.2

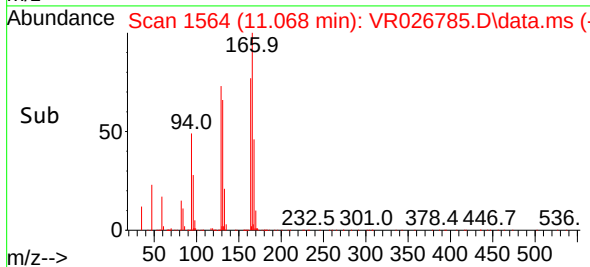
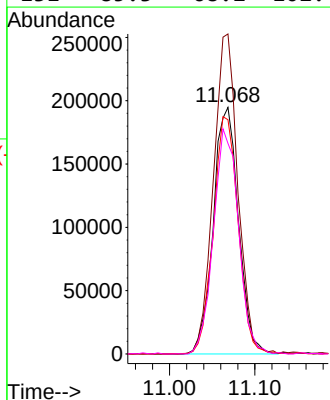
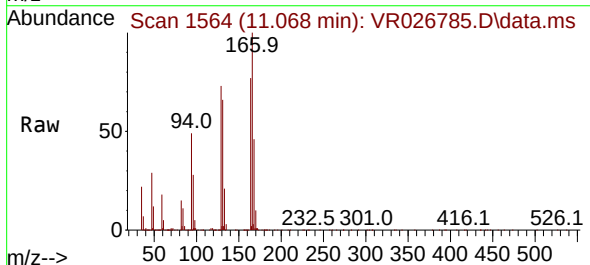
Manual Integrations
APPROVED

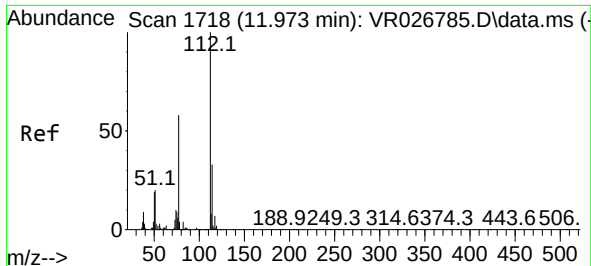
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#64
Tetrachloroethene
Concen: 50.331 ug/l
RT: 11.068 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

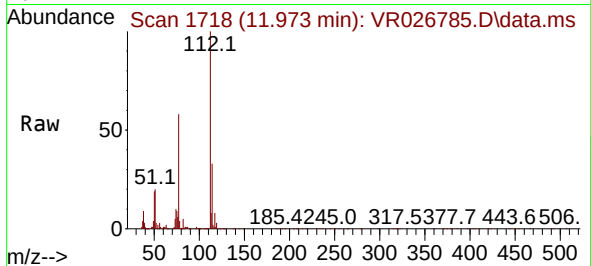
Tgt Ion:164 Resp: 401246
Ion Ratio Lower Upper
164 100
166 129.8 103.8 155.8
129 95.0 76.0 114.0
131 85.3 68.2 102.4





#65
Chlorobenzene
Concen: 49.349 ug/l
RT: 11.973 min Scan# 1718
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

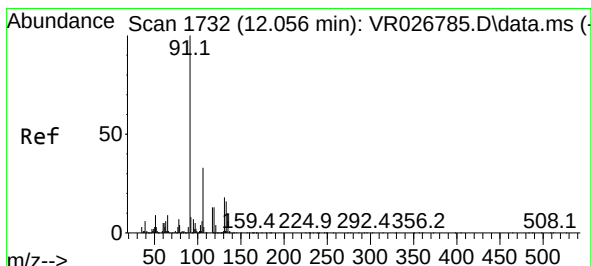
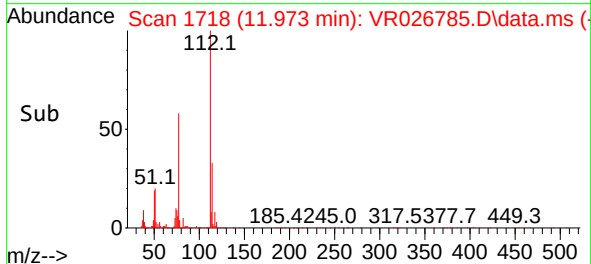
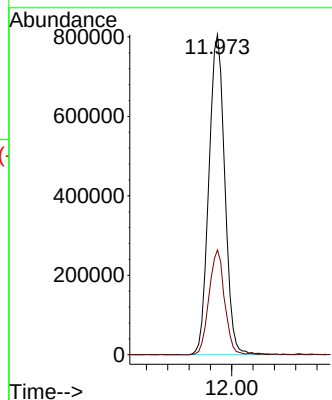
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050



Tgt Ion:112 Resp: 1666819
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.2

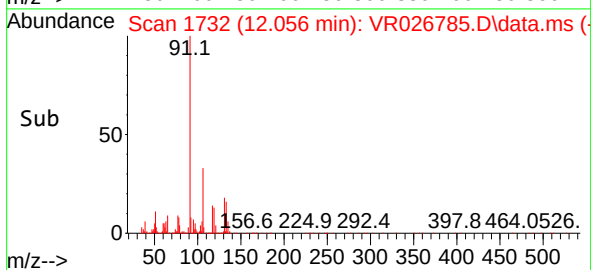
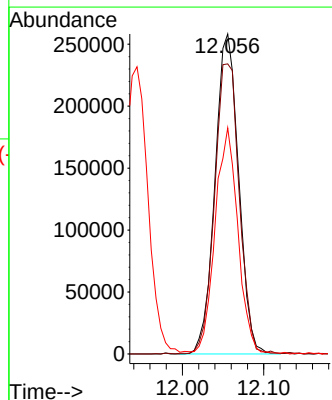
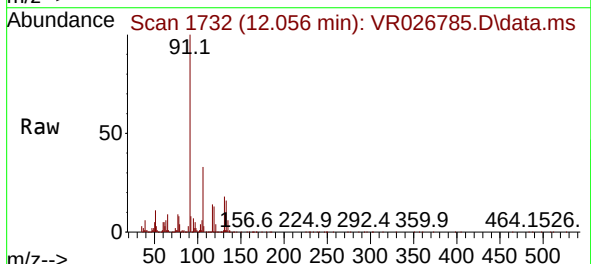
Manual Integrations
APPROVED

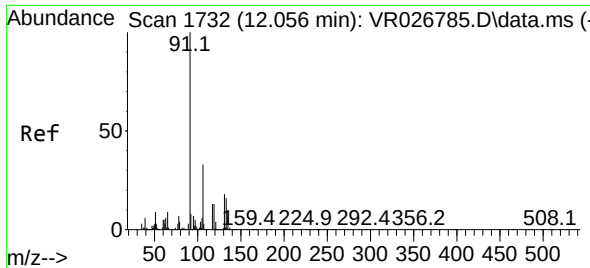
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 50.226 ug/l
RT: 12.056 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

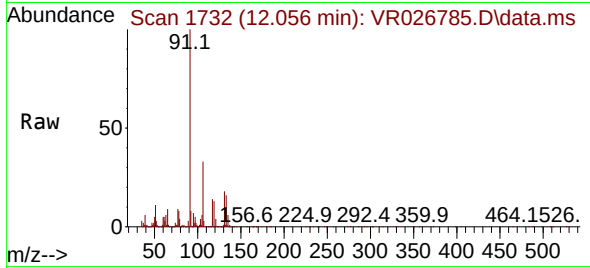
Tgt Ion:131 Resp: 523145
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.9
119 67.8 33.9 101.7





#67
Ethyl Benzene
Concen: 50.272 ug/l
RT: 12.056 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

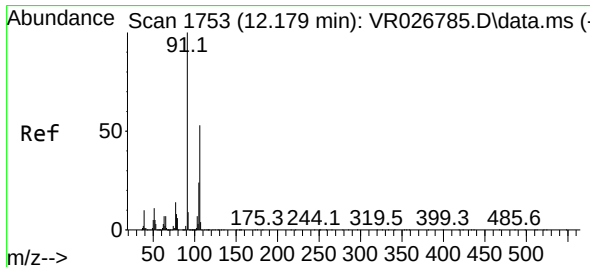
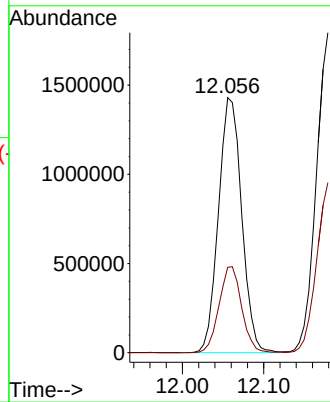
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 2841799
Ion Ratio Lower Upper
91 100
106 33.5 26.8 40.2

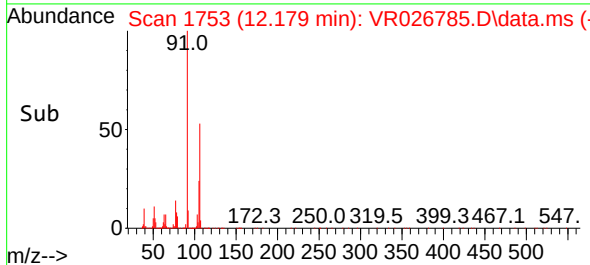
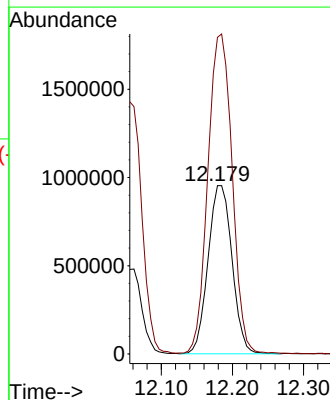
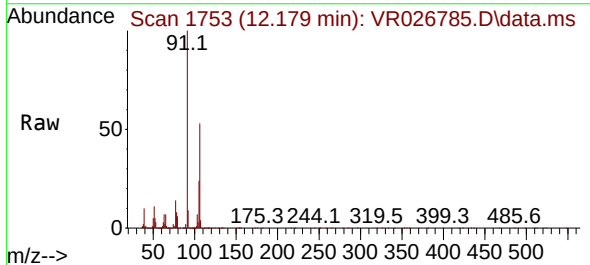
Manual Integrations
APPROVED

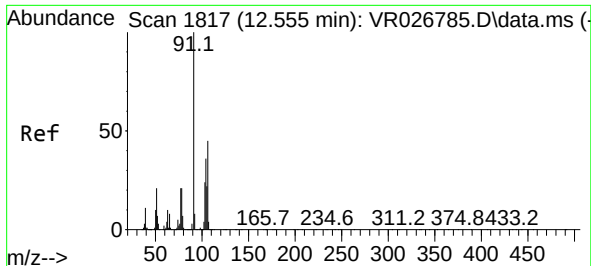
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#68
m/p-Xylenes
Concen: 100.740 ug/l
RT: 12.179 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

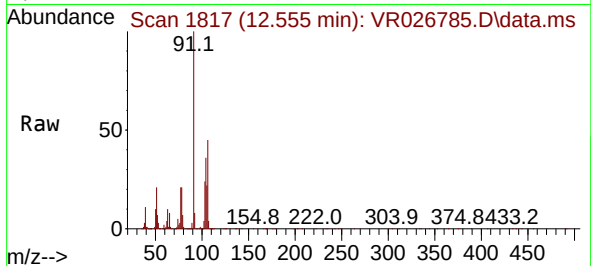
Tgt Ion:106 Resp: 2234964
Ion Ratio Lower Upper
106 100
91 192.1 153.7 230.5





#69
o-Xylene
Concen: 50.930 ug/l
RT: 12.555 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

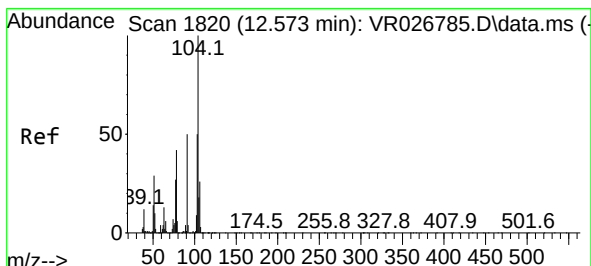
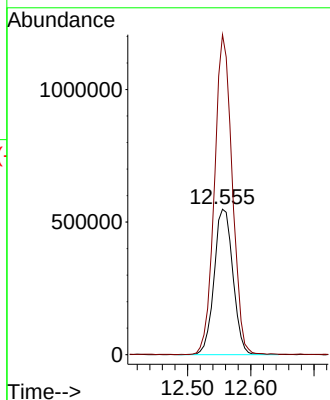
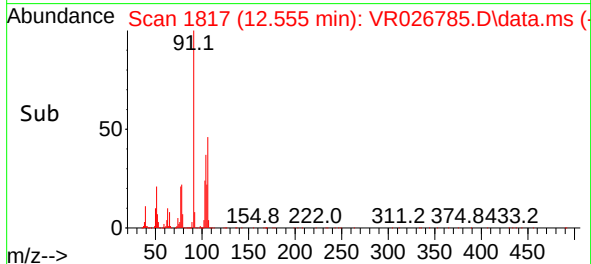
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050



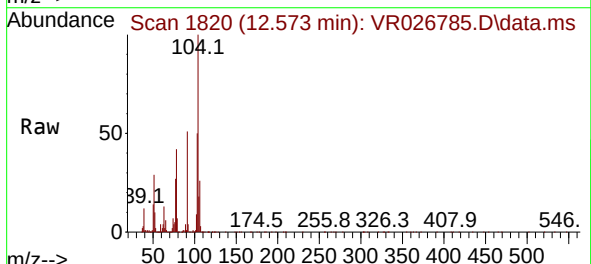
Tgt Ion:106 Resp: 1132258
Ion Ratio Lower Upper
106 100
91 208.0 104.0 312.0

Manual Integrations
APPROVED

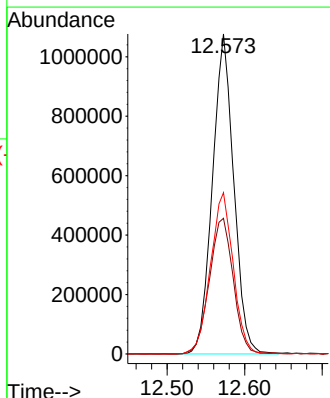
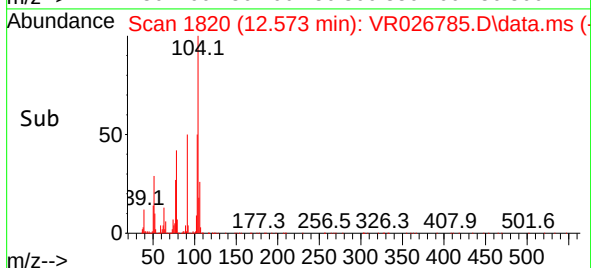
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

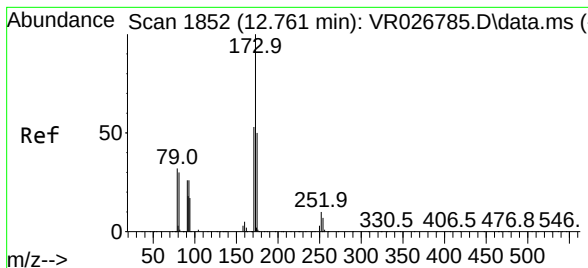


#70
Styrene
Concen: 50.552 ug/l
RT: 12.573 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43



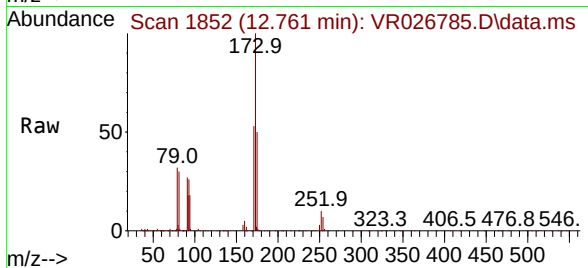
Tgt Ion:104 Resp: 2055976
Ion Ratio Lower Upper
104 100
78 47.5 38.0 57.0
103 54.0 43.2 64.8





#71
Bromoform
Concen: 52.277 ug/l
RT: 12.761 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

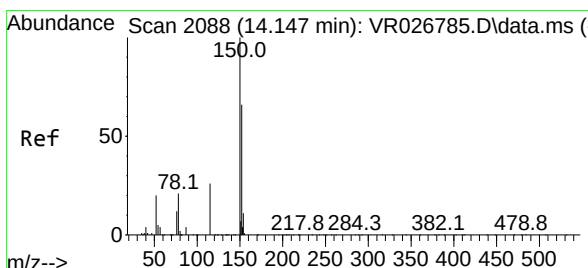
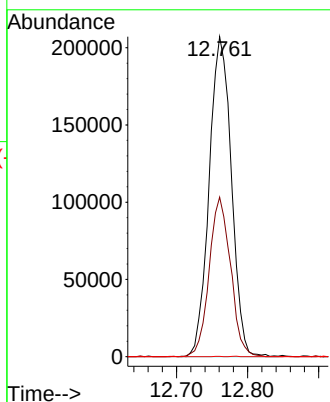
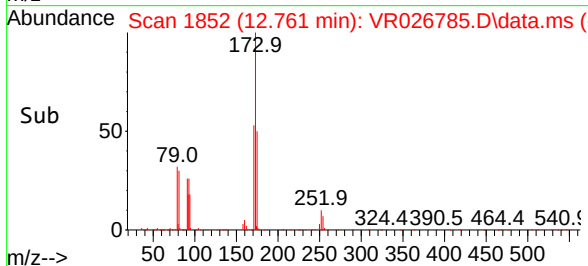
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050



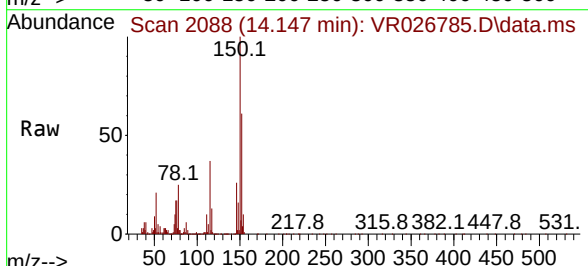
Tgt Ion:173 Resp: 44952
Ion Ratio Lower Upper
173 100
175 48.0 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

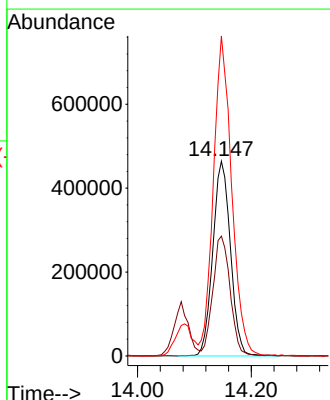
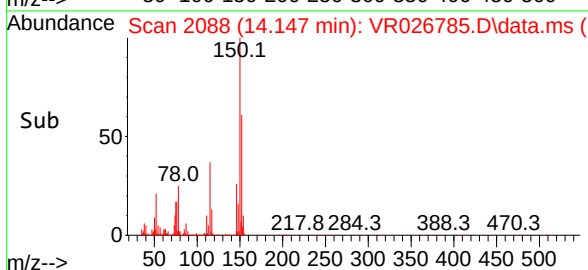
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

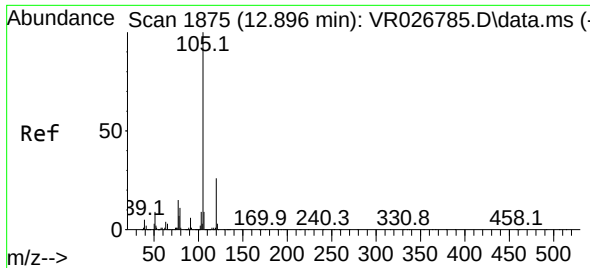


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.147 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43



Tgt Ion:152 Resp: 999696
Ion Ratio Lower Upper
152 100
115 59.8 29.9 89.7
150 170.0 0.0 340.0





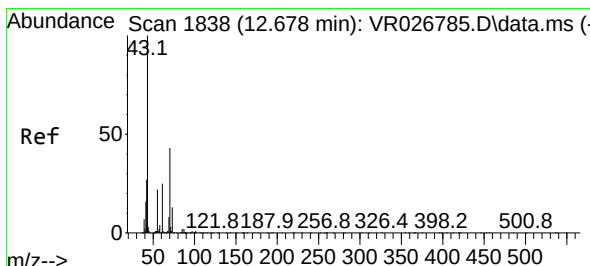
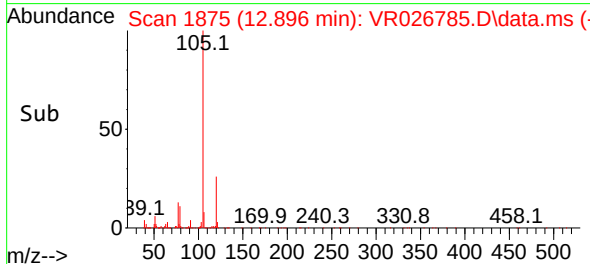
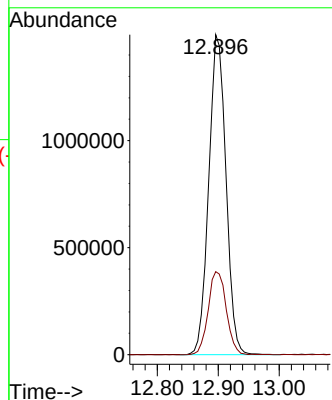
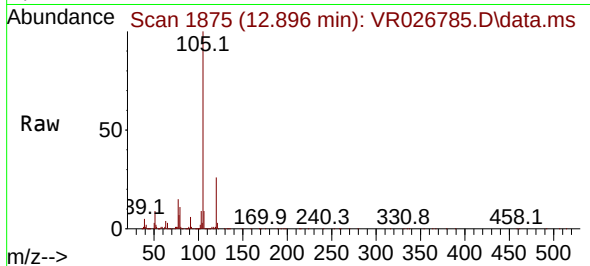
#73
Isopropylbenzene
Concen: 50.108 ug/l
RT: 12.896 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 2926379
Ion Ratio Lower Upper
105 100
120 27.2 13.6 40.8

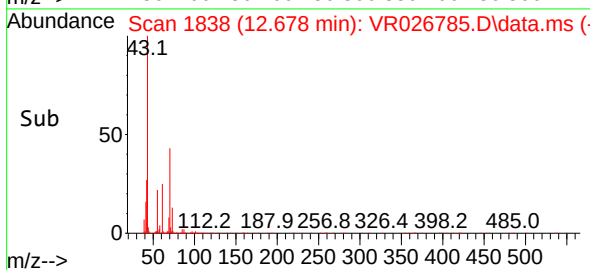
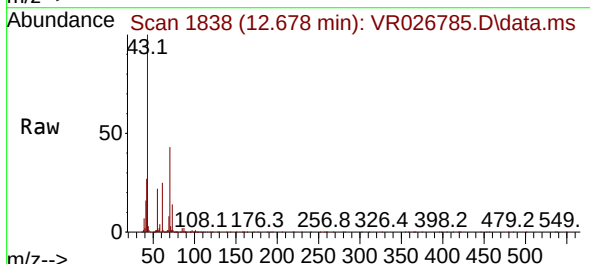
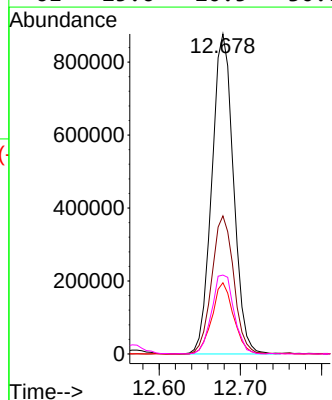
Manual Integrations
APPROVED

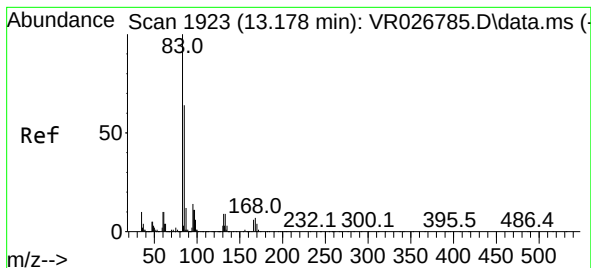
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#74
N-ethyl acetate
Concen: 49.746 ug/l
RT: 12.678 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

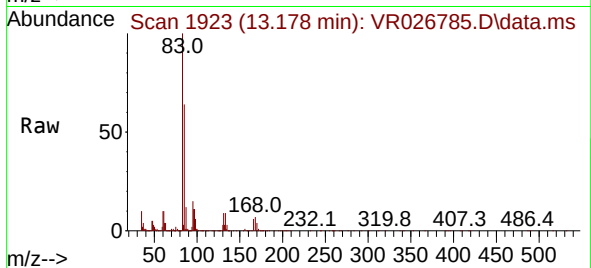
Tgt Ion: 43 Resp: 1619617
Ion Ratio Lower Upper
43 100
70 44.0 35.2 52.8
55 22.2 17.8 26.6
61 25.6 20.5 30.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.882 ug/l
 RT: 13.178 min Scan# 1923
 Delta R.T. 0.000 min
 Lab File: VR026785.D
 Acq: 22 Oct 2025 14:43

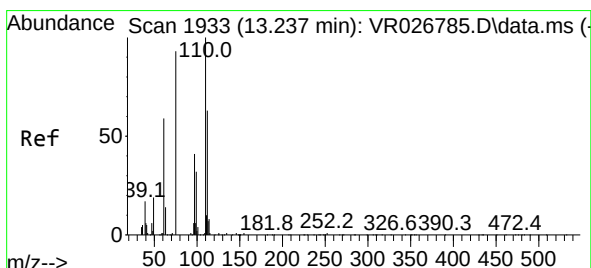
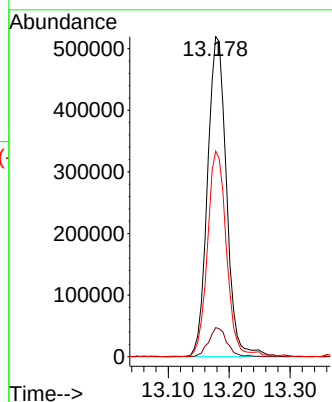
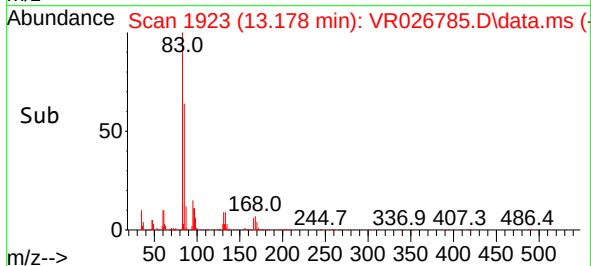
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 83 Resp: 112067
 Ion Ratio Lower Upper
 83 100
 131 8.8 4.4 13.2
 85 64.7 32.4 97.0

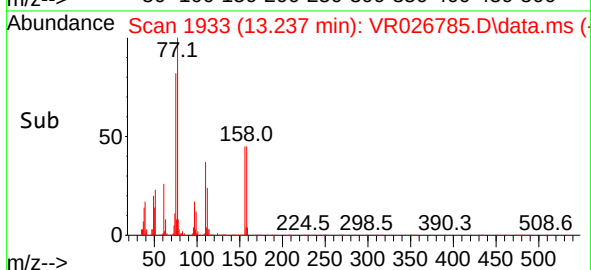
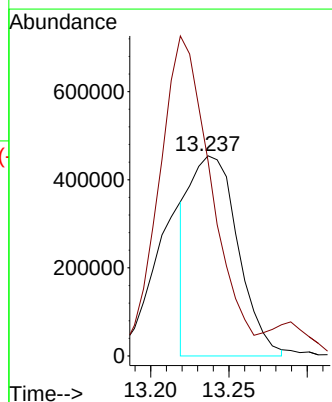
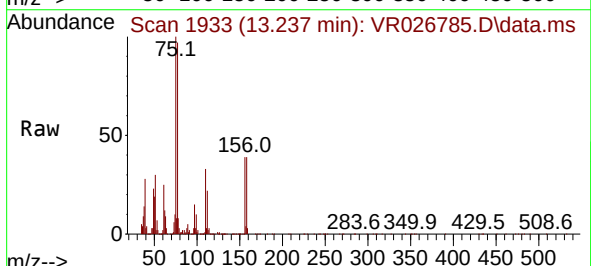
Manual Integrations
 APPROVED

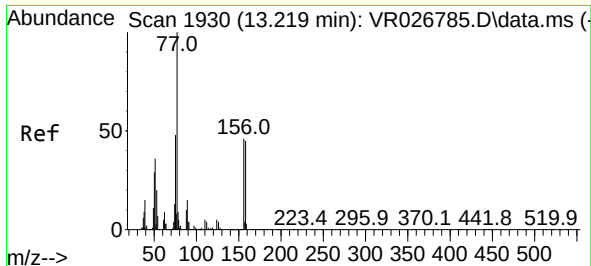
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#76
 1,2,3-Trichloropropane
 Concen: 53.784 ug/l m
 RT: 13.237 min Scan# 1933
 Delta R.T. 0.000 min
 Lab File: VR026785.D
 Acq: 22 Oct 2025 14:43

Tgt Ion: 75 Resp: 974125
 Ion Ratio Lower Upper
 75 100
 77 175.8 87.9 263.7





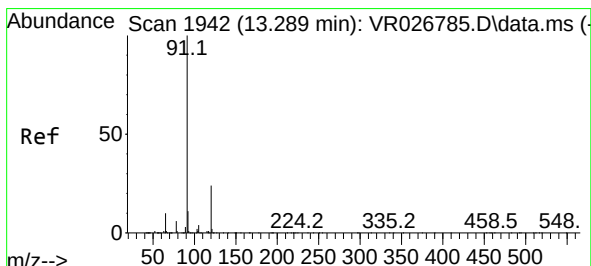
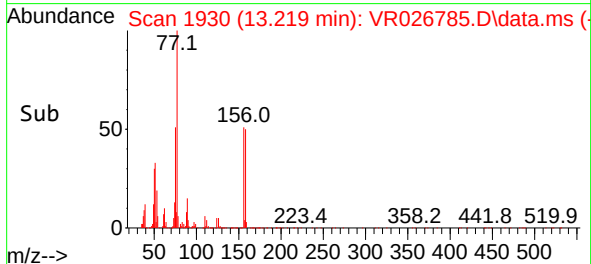
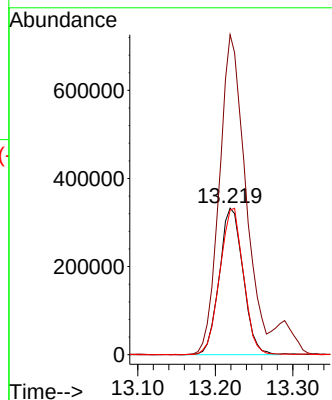
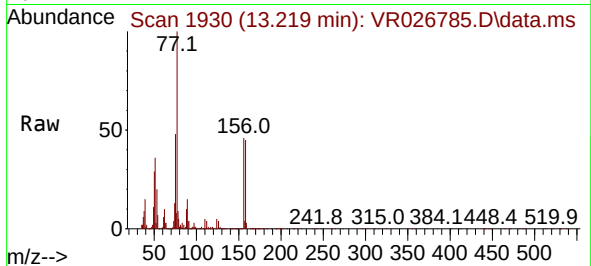
#77
Bromobenzene
Concen: 49.818 ug/l
RT: 13.219 min Scan# 1930
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

Tgt Ion:156 Resp: 71034
Ion Ratio Lower Upper
156 100
77 241.0 120.5 361.5
158 99.2 49.6 148.8

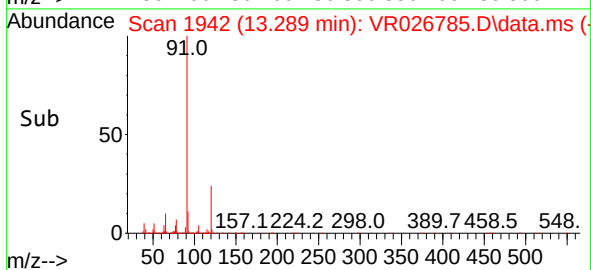
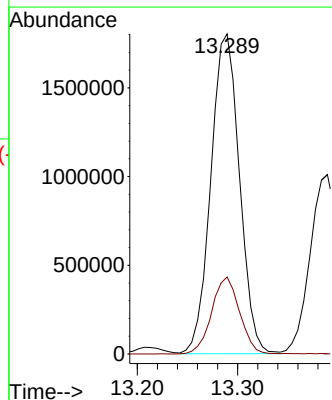
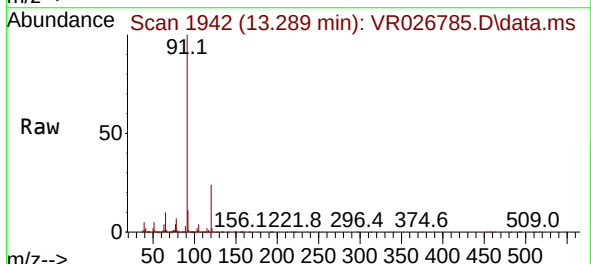
Manual Integrations
APPROVED

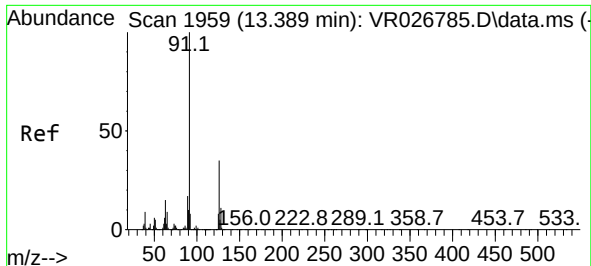
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#78
n-propylbenzene
Concen: 49.601 ug/l
RT: 13.289 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

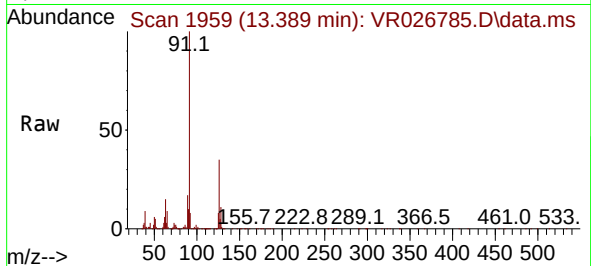
Tgt Ion: 91 Resp: 3575026
Ion Ratio Lower Upper
91 100
120 23.4 11.7 35.1





#79
2-Chlorotoluene
Concen: 50.157 ug/l
RT: 13.389 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

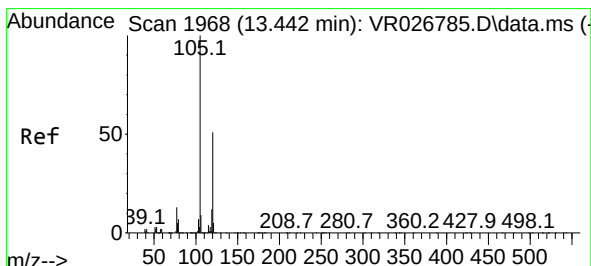
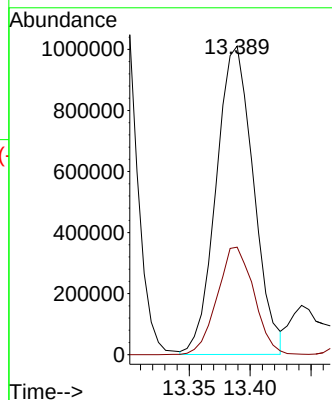
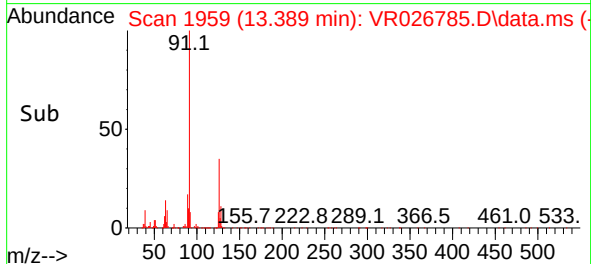
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 2157450
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.5

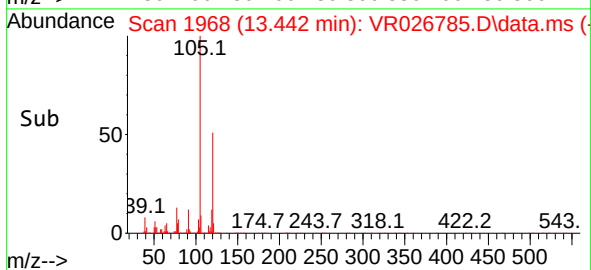
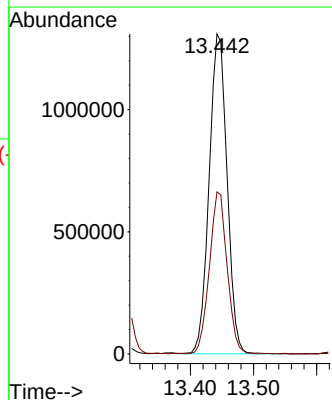
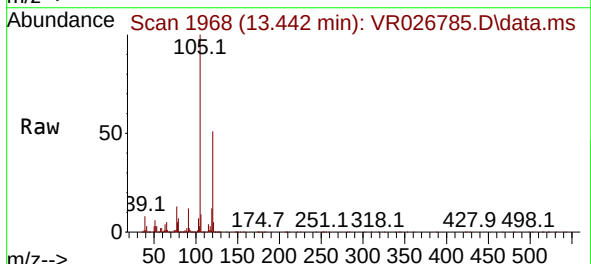
Manual Integrations
APPROVED

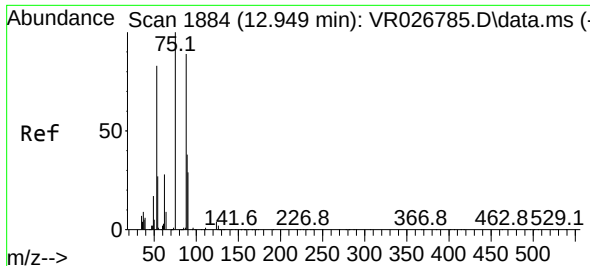
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.179 ug/l
RT: 13.442 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

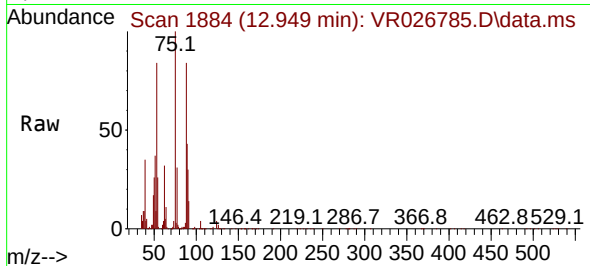
Tgt Ion:105 Resp: 2572332
Ion Ratio Lower Upper
105 100
120 50.0 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 52.004 ug/l
RT: 12.949 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

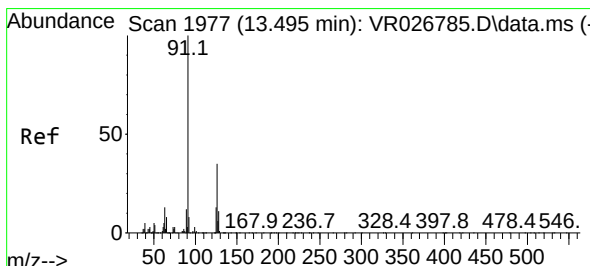
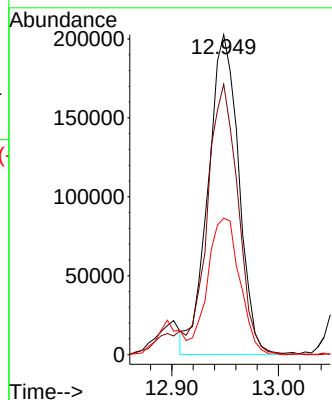
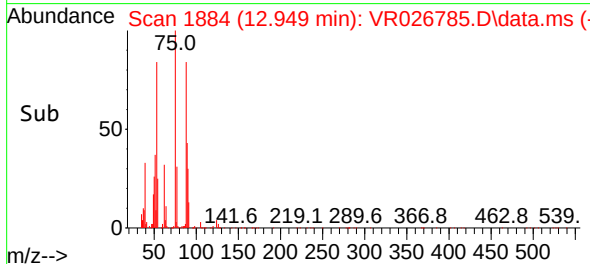
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050



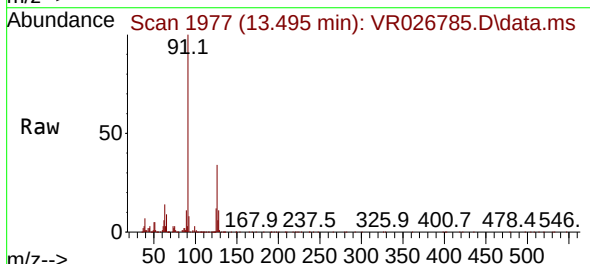
Tgt Ion: 75 Resp: 403062
Ion Ratio Lower Upper
75 100
53 90.8 72.6 109.0
89 45.2 36.2 54.2

Manual Integrations
APPROVED

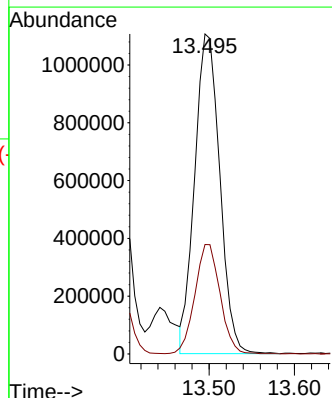
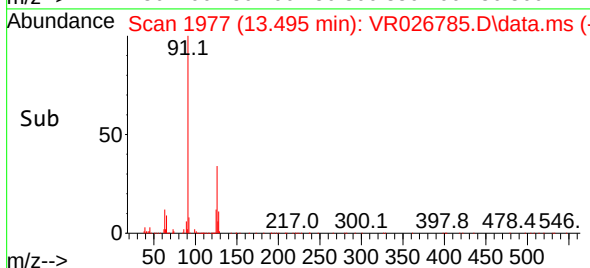
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

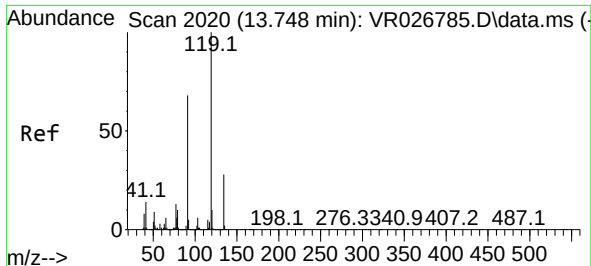


#82
4-Chlorotoluene
Concen: 50.001 ug/l
RT: 13.495 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43



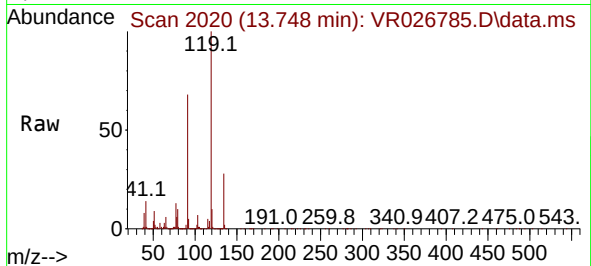
Tgt Ion: 91 Resp: 2257542
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.5





#83
tert-Butylbenzene
Concen: 48.806 ug/l
RT: 13.748 min Scan# 2020
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

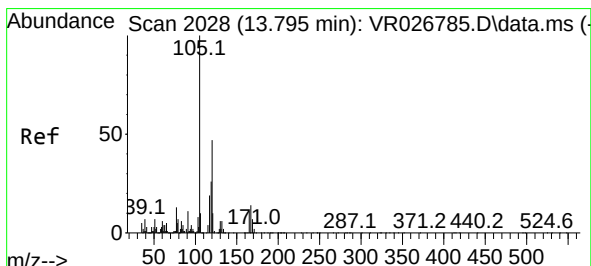
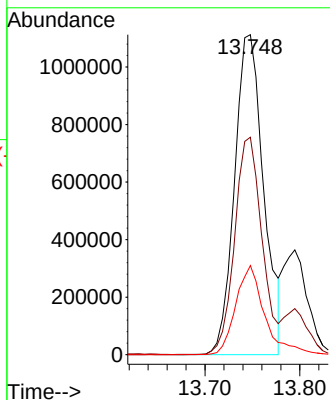
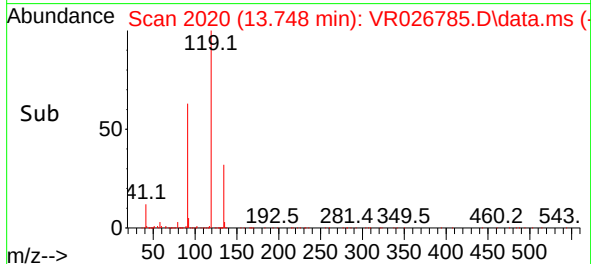
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050



Tgt Ion:119 Resp: 237375
Ion Ratio Lower Upper
119 100
91 64.0 32.0 96.0
134 27.7 13.9 41.6

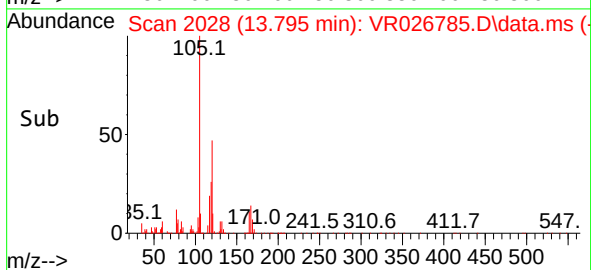
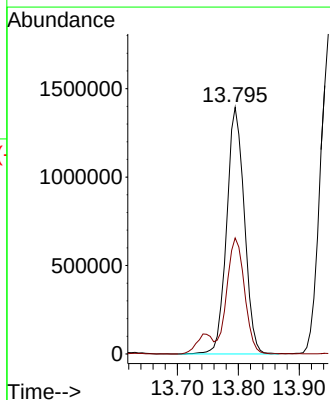
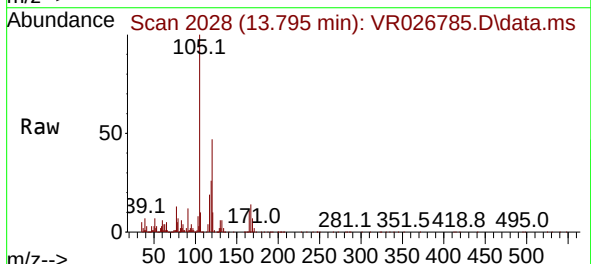
Manual Integrations
APPROVED

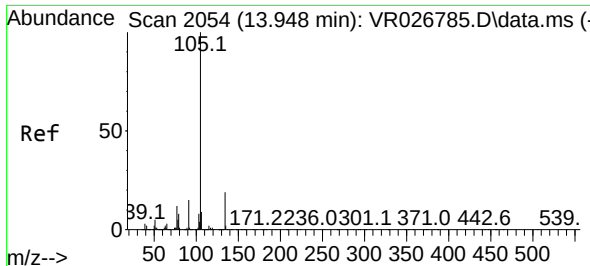
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#84
1,2,4-Trimethylbenzene
Concen: 50.314 ug/l
RT: 13.795 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

Tgt Ion:105 Resp: 2800438
Ion Ratio Lower Upper
105 100
120 47.3 23.6 71.0





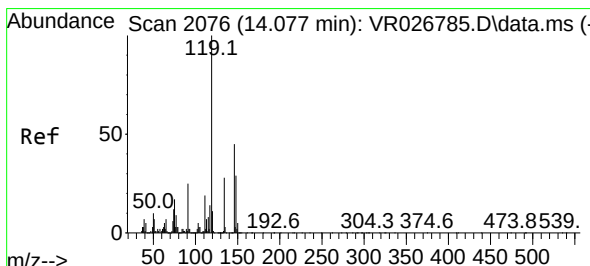
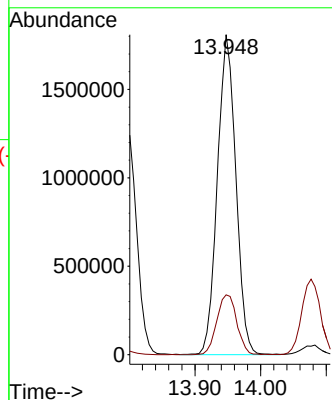
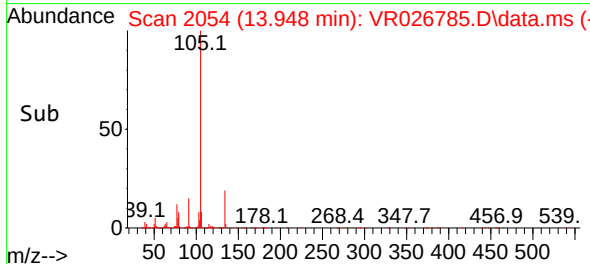
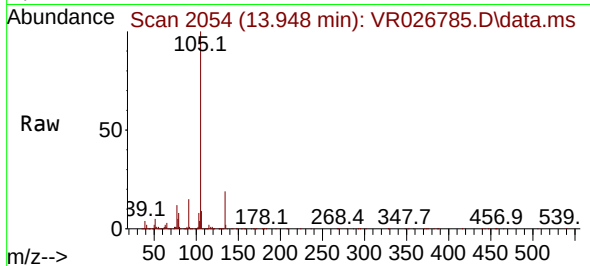
#85
sec-Butylbenzene
Concen: 50.347 ug/l
RT: 13.948 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 3527704
Ion Ratio Lower Upper
105 100
134 20.2 10.1 30.3

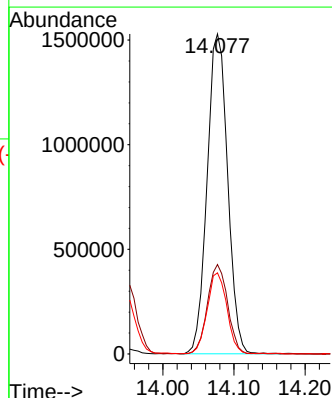
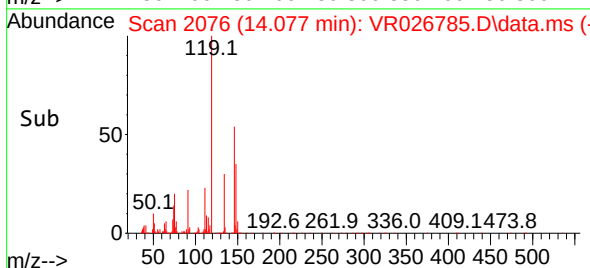
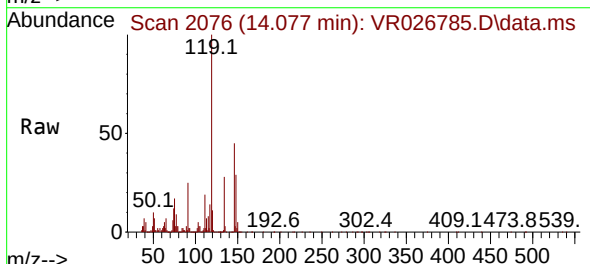
Manual Integrations
APPROVED

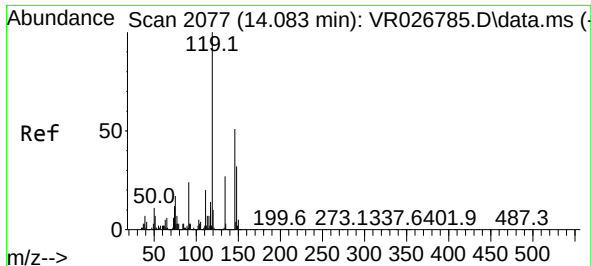
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#86
p-Isopropyltoluene
Concen: 50.344 ug/l
RT: 14.077 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

Tgt Ion:119 Resp: 3060267
Ion Ratio Lower Upper
119 100
134 27.5 13.8 41.3
91 24.3 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 49.371 ug/l

RT: 14.083 min Scan# 2077

Delta R.T. 0.000 min

Lab File: VR026785.D

Acq: 22 Oct 2025 14:43

Instrument :

MSVOA_R

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 160133

Ion Ratio Lower Upper

146 100

111 40.5 20.3 60.8

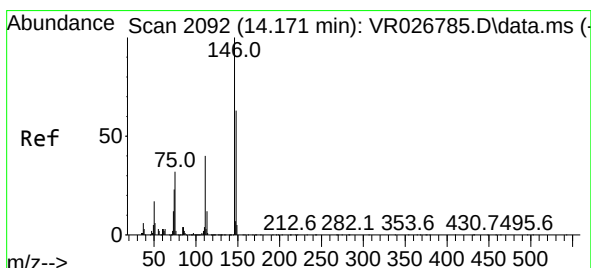
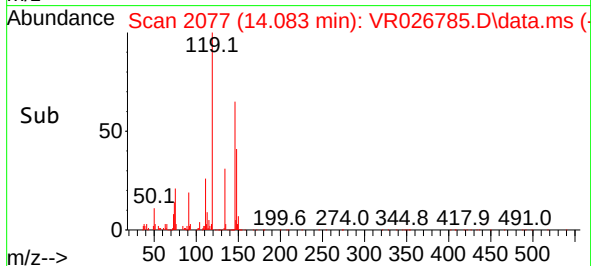
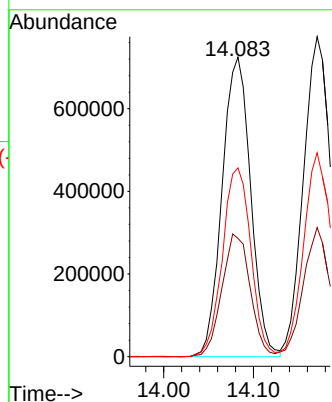
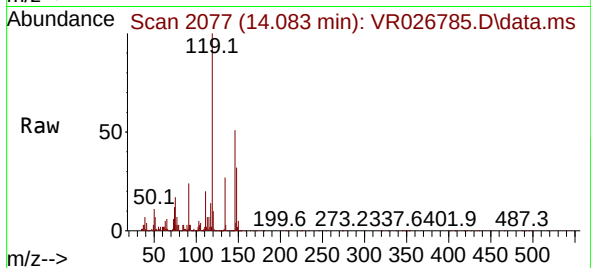
148 62.8 31.4 94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#88

1,4-Dichlorobenzene

Concen: 49.610 ug/l

RT: 14.171 min Scan# 2092

Delta R.T. 0.000 min

Lab File: VR026785.D

Acq: 22 Oct 2025 14:43

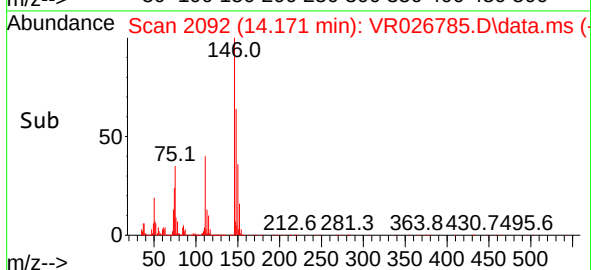
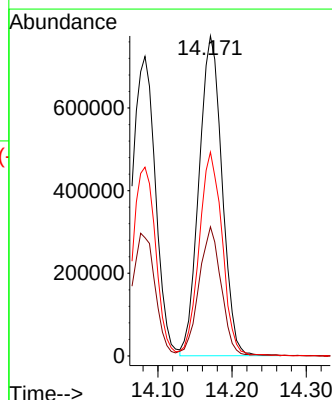
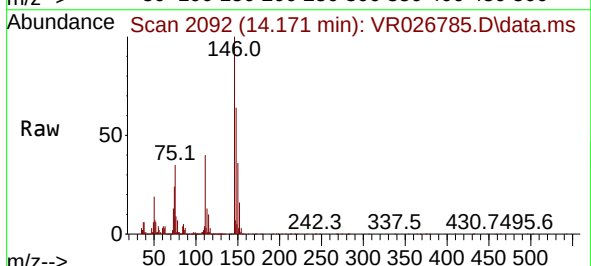
Tgt Ion:146 Resp: 1670153

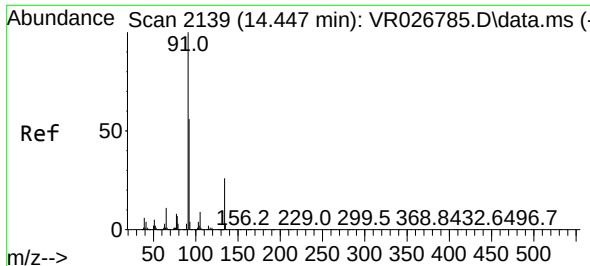
Ion Ratio Lower Upper

146 100

111 38.6 19.3 57.9

148 63.0 31.5 94.5





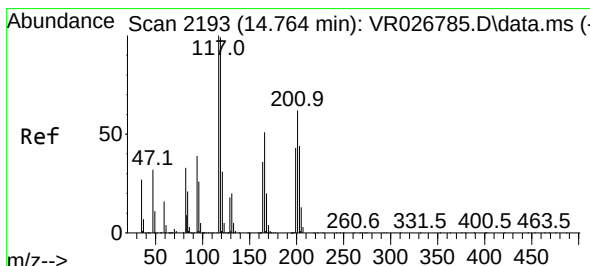
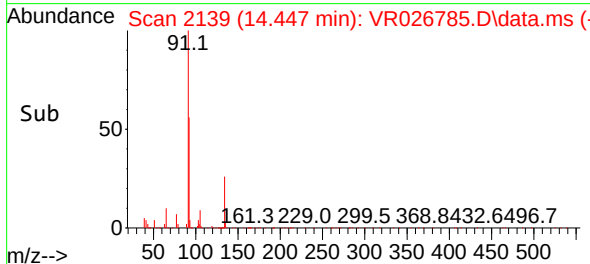
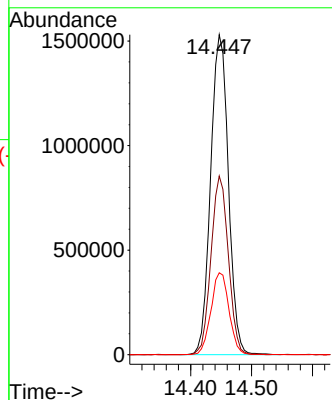
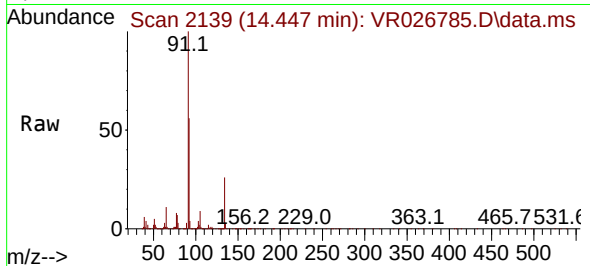
#89
n-Butylbenzene
Concen: 52.107 ug/l
RT: 14.447 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 309927
Ion Ratio Lower Upper
91 100
92 54.6 27.3 81.9
134 26.1 13.1 39.1

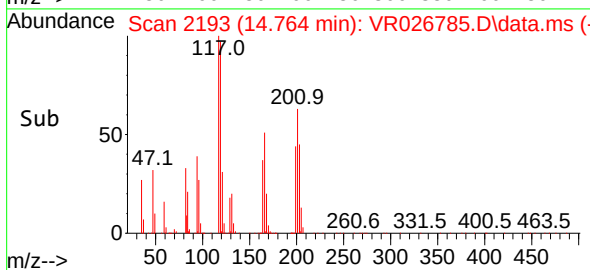
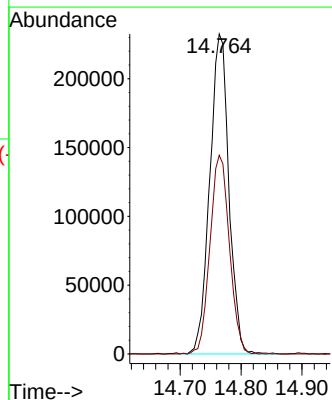
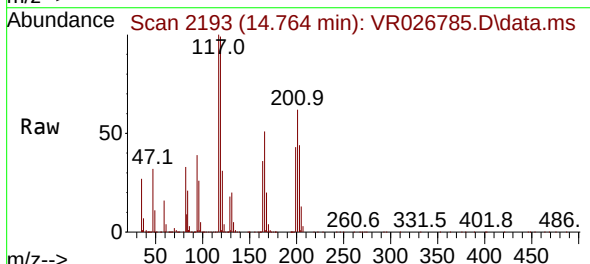
Manual Integrations
APPROVED

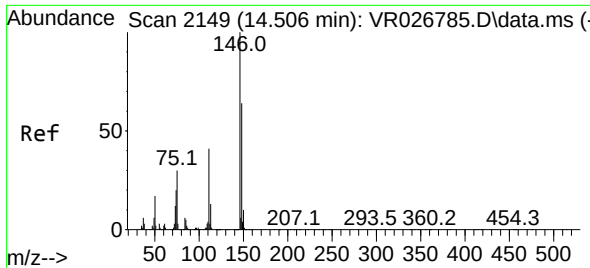
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#90
Hexachloroethane
Concen: 51.566 ug/l
RT: 14.764 min Scan# 2193
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

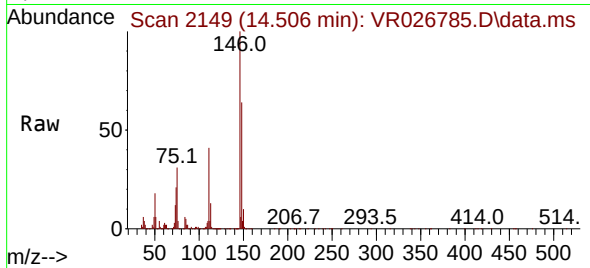
Tgt Ion:117 Resp: 507485
Ion Ratio Lower Upper
117 100
201 63.1 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 51.071 ug/l
RT: 14.506 min Scan# 2149
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

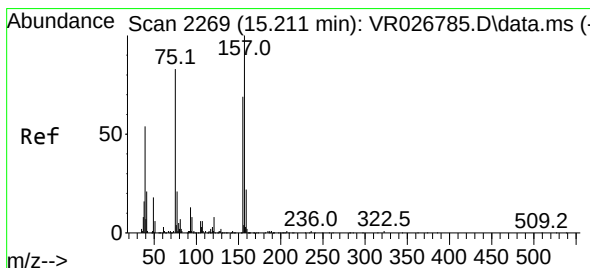
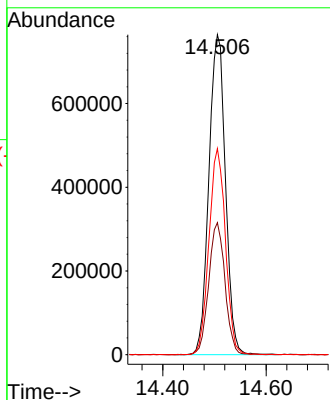
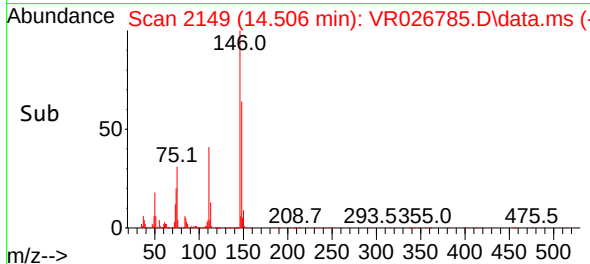
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050



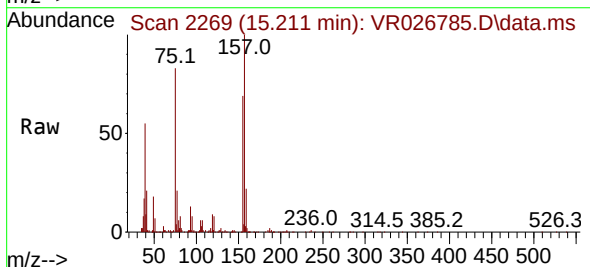
Tgt Ion:146 Resp: 1697969
Ion Ratio Lower Upper
146 100
111 40.6 20.3 60.9
148 64.2 32.1 96.3

Manual Integrations
APPROVED

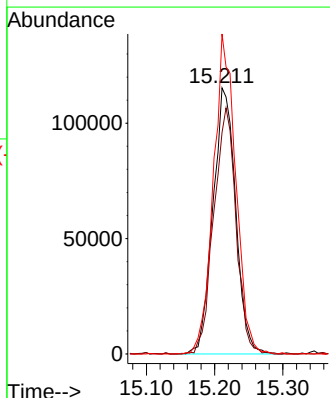
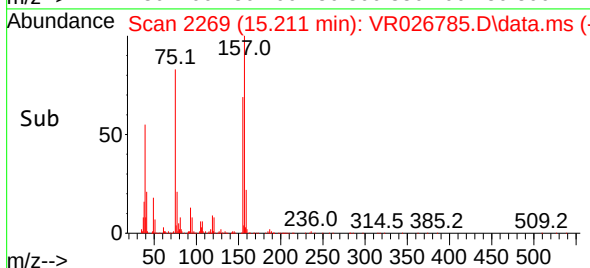
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

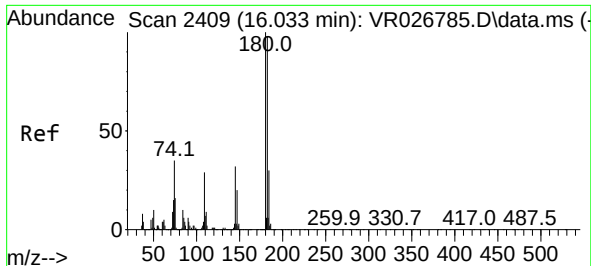


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.689 ug/l
RT: 15.211 min Scan# 2269
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43



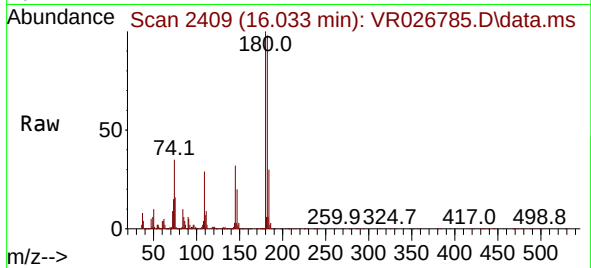
Tgt Ion: 75 Resp: 266634
Ion Ratio Lower Upper
75 100
155 90.7 45.4 136.1
157 118.1 59.1 177.2





#93
1,2,4-Trichlorobenzene
Concen: 55.912 ug/l
RT: 16.033 min Scan# 2409
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

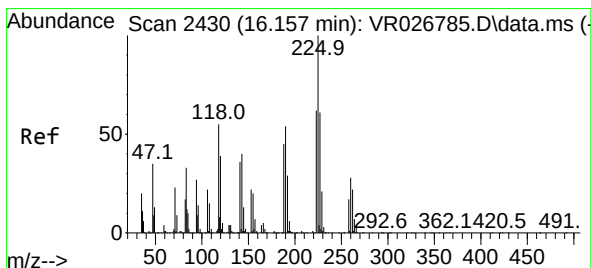
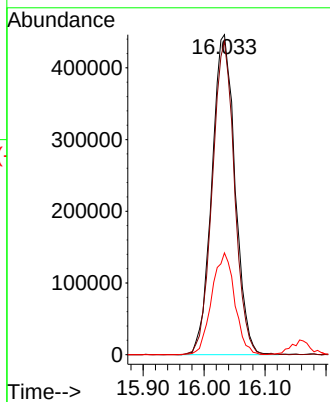
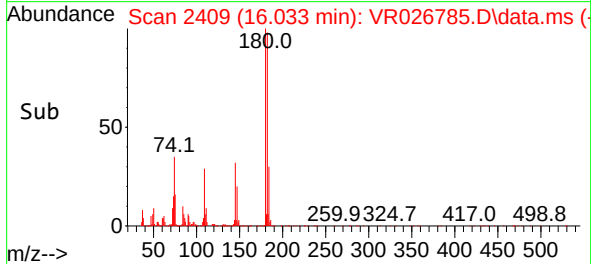
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050



Tgt Ion:180 Resp: 117837
Ion Ratio Lower Upper
180 100
182 93.5 46.8 140.3
145 31.5 15.8 47.3

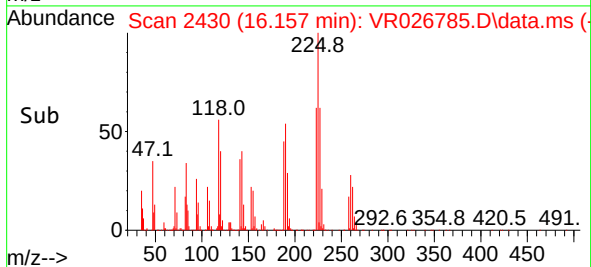
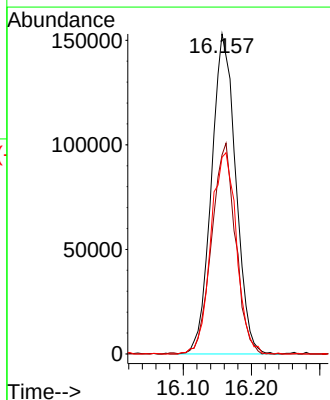
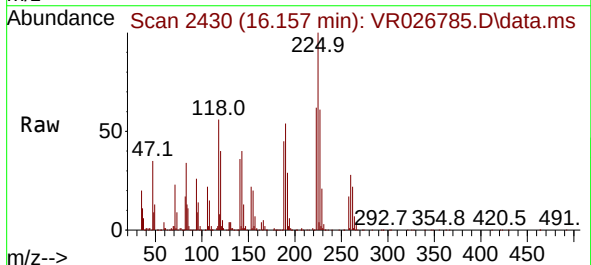
Manual Integrations
APPROVED

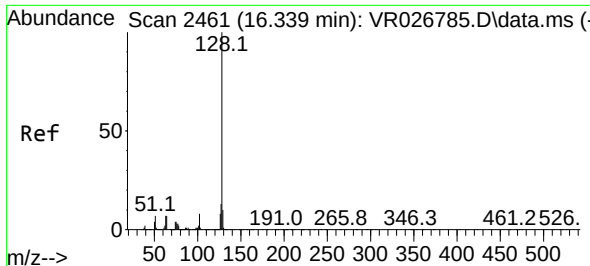
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#94
Hexachlorobutadiene
Concen: 50.677 ug/l
RT: 16.157 min Scan# 2430
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

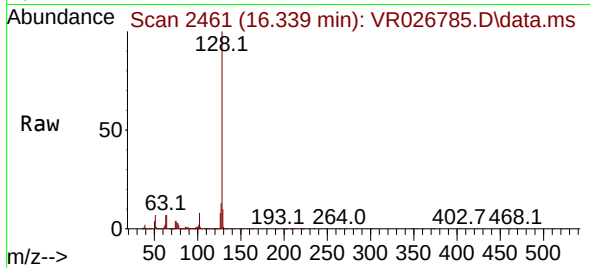
Tgt Ion:225 Resp: 379584
Ion Ratio Lower Upper
225 100
223 64.5 32.3 96.8
227 66.2 33.1 99.3





#95
Naphthalene
Concen: 57.321 ug/l
RT: 16.339 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43

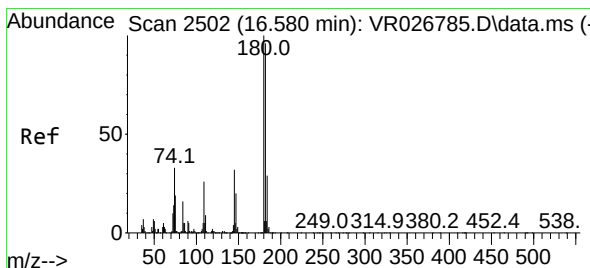
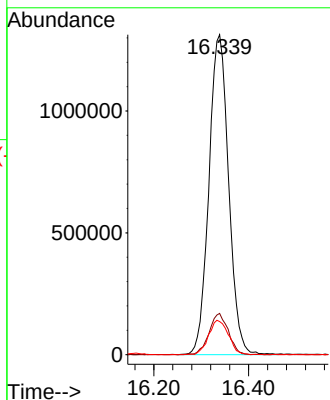
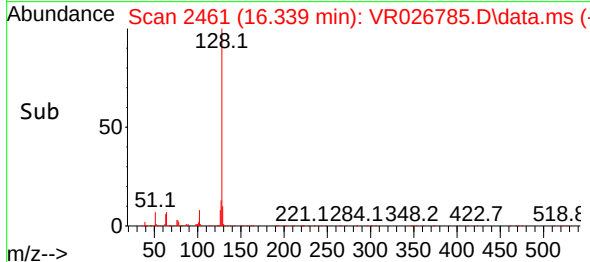
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050



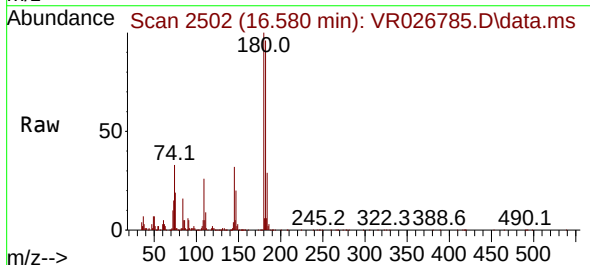
Tgt Ion:128 Resp: 378837
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 55.478 ug/l
RT: 16.580 min Scan# 2502
Delta R.T. 0.000 min
Lab File: VR026785.D
Acq: 22 Oct 2025 14:43



Tgt Ion:180 Resp: 1151760
Ion Ratio Lower Upper
180 100
182 92.3 46.2 138.5
145 32.9 16.4 49.4

