

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR102225\
 Data File : VR026784.D
 Acq On : 22 Oct 2025 14:18
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC020

Quant Time: Oct 24 09:17:31 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	887082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.795	114	1615850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.944	117	1544601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.147	152	966271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.201	65	127403	18.407	ug/l	0.00
Spiked Amount 50.000			Recovery	=	36.820%	
35) Dibromofluoromethane	7.743	113	129138	19.442	ug/l	0.00
Spiked Amount 50.000			Recovery	=	38.880%	
50) Toluene-d8	10.458	98	346455	18.697	ug/l	0.00
Spiked Amount 50.000			Recovery	=	37.400%	
62) 4-Bromofluorobenzene	13.072	95	227028	18.607	ug/l	0.00
Spiked Amount 50.000			Recovery	=	37.220%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.003	85	123755	18.641	ug/l	99
3) Chloromethane	2.214	50	168778	20.197	ug/l	95
4) Vinyl Chloride	2.338	62	197489	19.643	ug/l	97
5) Bromomethane	2.696	94	126697	19.690	ug/l	94
6) Chloroethane	2.855	64	147203	20.380	ug/l	91
7) Trichlorofluoromethane	3.184	101	267774	19.582	ug/l	99
8) Diethyl Ether	3.589	74	123928	18.717	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.936	101	161400	18.728	ug/l	96
10) Methyl Iodide	4.124	142	194643	19.774	ug/l	99
11) Tert butyl alcohol	4.987	59	303200	89.227	ug/l	99
12) 1,1-Dichloroethene	3.918	96	158254	18.416	ug/l #	81
13) Acrolein	3.783	56	196109	87.330	ug/l	96
14) Allyl chloride	4.506	41	361771	20.125	ug/l	99
15) Acrylonitrile	5.170	53	742836	98.950	ug/l	98
16) Acetone	4.000	43	777819	91.253	ug/l	99
17) Carbon Disulfide	4.235	76	302894	19.386	ug/l	97
18) Methyl Acetate	4.512	43	503114	21.117	ug/l	99
19) Methyl tert-butyl Ether	5.240	73	709295	19.405	ug/l	92
20) Methylene Chloride	4.735	84	208202	19.340	ug/l #	93
21) trans-1,2-Dichloroethene	5.228	96	167195	19.129	ug/l	95
22) Diisopropyl ether	6.127	45	754103	19.623	ug/l	97
23) Vinyl Acetate	6.051	43	2543014	100.515	ug/l	98
24) 1,1-Dichloroethane	6.004	63	381334	19.502	ug/l	98
25) 2-Butanone	6.991	43	1118100	91.869	ug/l	98
26) 2,2-Dichloropropane	6.985	77	317960	19.033	ug/l	97
27) cis-1,2-Dichloroethene	6.985	96	242521	19.857	ug/l	95
28) Bromochloromethane	7.344	49	196289	22.217	ug/l	97
29) Tetrahydrofuran	7.379	42	665652	99.092	ug/l	99
30) Chloroform	7.520	83	381199	20.130	ug/l	98
31) Cyclohexane	7.831	56	307304	18.794	ug/l	99
32) 1,1,1-Trichloroethane	7.737	97	301660	19.250	ug/l	95
36) 1,1-Dichloropropene	7.966	75	249685	19.570	ug/l	98
37) Ethyl Acetate	7.091	43	365593	19.559	ug/l	99
38) Carbon Tetrachloride	7.955	117	236043	19.839	ug/l	95
39) Methylcyclohexane	9.347	83	308393	19.221	ug/l	96
40) Benzene	8.225	78	866585	20.276	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	198777	18.042	ug/l #	89
42) 1,2-Dichloroethane	8.301	62	282687	20.187	ug/l	100
43) Isopropyl Acetate	8.342	43	627506	20.048	ug/l	99
44) Trichloroethene	9.071	130	195669	19.183	ug/l	91
45) 1,2-Dichloropropane	9.371	63	219113	19.632	ug/l #	80
46) Dibromomethane	9.471	93	147618	19.928	ug/l	97
47) Bromodichloromethane	9.676	83	315204	20.453	ug/l #	88
48) Methyl methacrylate	9.459	41	294992	20.057	ug/l	98
49) 1,4-Dioxane	9.465	88	121326	374.847	ug/l	100
51) 4-Methyl-2-Pentanone	10.328	43	2076760	101.193	ug/l	95
52) Toluene	10.528	92	572714	19.891	ug/l	97
53) t-1,3-Dichloropropene	10.769	75	338388	19.243	ug/l	93
54) cis-1,3-Dichloropropene	10.164	75	353996	19.350	ug/l	92
55) 1,1,2-Trichloroethane	10.975	97	224575	19.307	ug/l #	92
56) Ethyl methacrylate	10.822	69	403140	18.720	ug/l	98
57) 1,3-Dichloropropane	11.139	76	384435	19.705	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.999	63	81427	92.417	ug/l	98
59) 2-Hexanone	11.186	43	1677678	93.478	ug/l	99
60) Dibromochloromethane	11.362	129	234255	19.698	ug/l	95
61) 1,2-Dibromoethane	11.486	107	226908	19.610	ug/l	100
64) Tetrachloroethene	11.063	164	157630	19.432	ug/l	91
65) Chlorobenzene	11.974	112	671404	19.535	ug/l	93
66) 1,1,1,2-Tetrachloroethane	12.050	131	202807	19.135	ug/l	97
67) Ethyl Benzene	12.062	91	1114615	19.378	ug/l	95
68) m/p-Xylenes	12.185	106	861994	38.184	ug/l	95
69) o-Xylene	12.555	106	438473	19.383	ug/l	94
70) Styrene	12.573	104	787103	19.019	ug/l	97
71) Bromoform	12.755	173	164552	18.807	ug/l #	97
73) Isopropylbenzene	12.902	105	1135303	20.112	ug/l	100
74) N-amyl acetate	12.679	43	597601	18.990	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.184	83	396441	18.988	ug/l	98
76) 1,2,3-Trichloropropane	13.231	75	344353m	19.670	ug/l	
77) Bromobenzene	13.225	156	272919	19.802	ug/l	94
78) n-propylbenzene	13.290	91	1412876	20.281	ug/l	100
79) 2-Chlorotoluene	13.390	91	818462	19.686	ug/l	100
80) 1,3,5-Trimethylbenzene	13.442	105	985033	19.880	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.949	75	150250	20.056	ug/l	93
82) 4-Chlorotoluene	13.495	91	867589	19.880	ug/l	98
83) tert-Butylbenzene	13.748	119	911590	19.391	ug/l	97
84) 1,2,4-Trimethylbenzene	13.795	105	1058809	19.681	ug/l	99
85) sec-Butylbenzene	13.948	105	1381134	20.393	ug/l	99
86) p-Isopropyltoluene	14.077	119	1177348	20.038	ug/l	98
87) 1,3-Dichlorobenzene	14.083	146	619829	19.771	ug/l	99
88) 1,4-Dichlorobenzene	14.171	146	636427	19.558	ug/l	99
89) n-Butylbenzene	14.447	91	1140675	19.841	ug/l	99
90) Hexachloroethane	14.764	117	180516	18.977	ug/l	96
91) 1,2-Dichlorobenzene	14.506	146	616497	19.184	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	15.217	75	91104	18.979	ug/l	96
93) 1,2,4-Trichlorobenzene	16.028	180	416934	20.467	ug/l	96
94) Hexachlorobutadiene	16.157	225	137730	19.024	ug/l	97
95) Naphthalene	16.339	128	1322437	20.701	ug/l	99
96) 1,2,3-Trichlorobenzene	16.580	180	404349	20.150	ug/l	99

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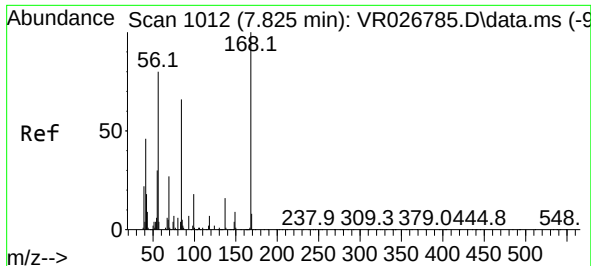
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/27/2025

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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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



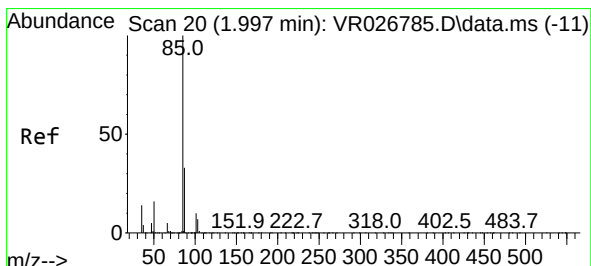
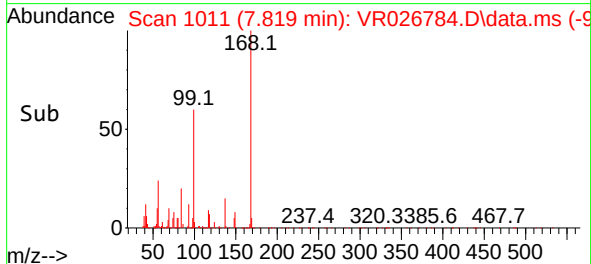
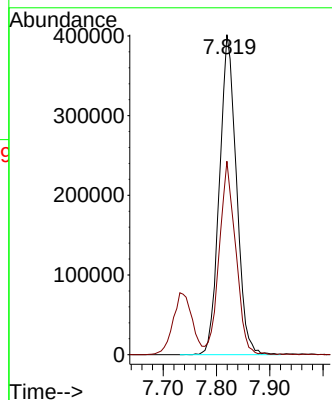
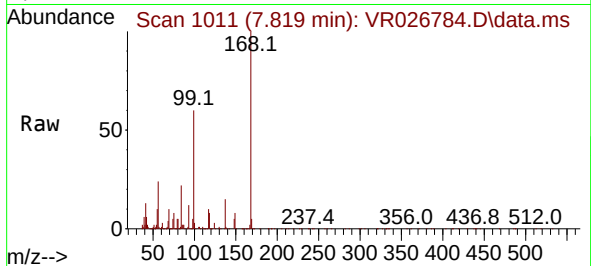
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

Instrument :
MSVOA_R
ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 88708
Ion Ratio Lower Upper
168 100
99 60.2 41.0 61.6

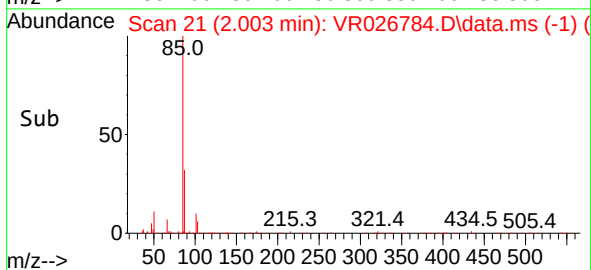
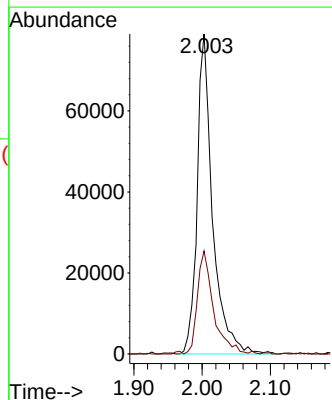
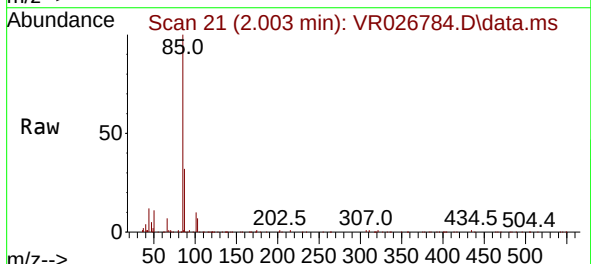
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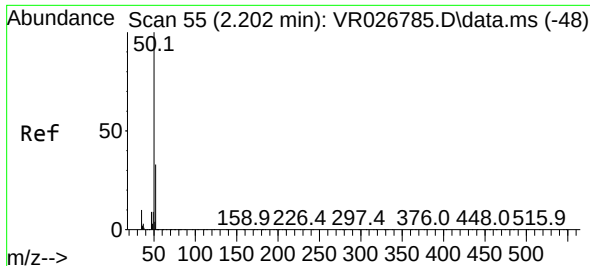
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#2
Dichlorodifluoromethane
Concen: 18.641 ug/l
RT: 2.003 min Scan# 21
Delta R.T. 0.006 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

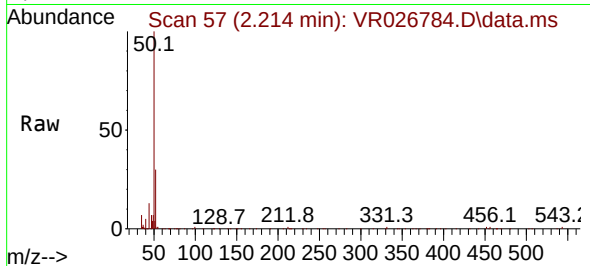
Tgt Ion: 85 Resp: 123755
Ion Ratio Lower Upper
85 100
87 32.2 16.3 48.9





#3
Chloromethane
Concen: 20.197 ug/l
RT: 2.214 min Scan# 51
Delta R.T. 0.012 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

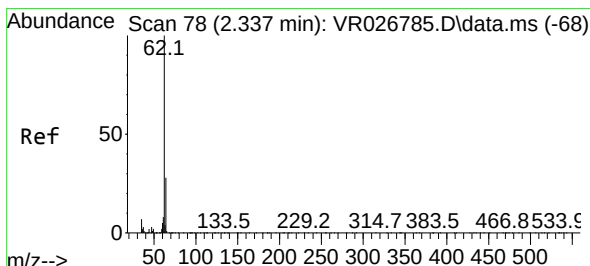
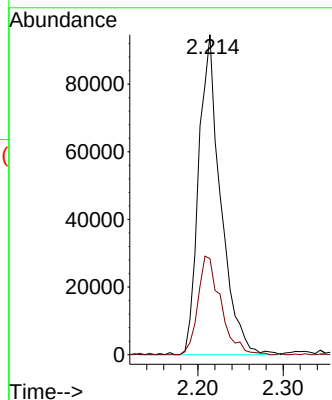
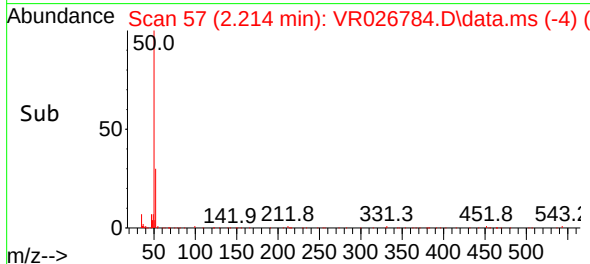
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC020



Tgt Ion: 50 Resp: 168778
Ion Ratio Lower Upper
50 100
52 30.0 26.2 39.2

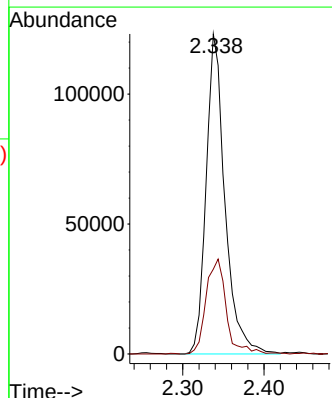
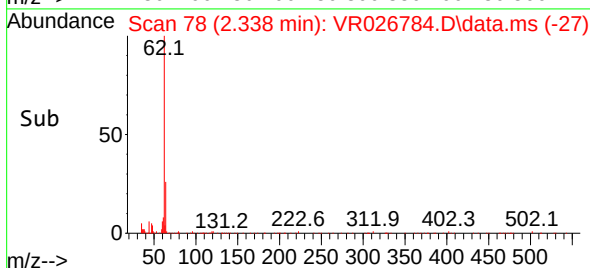
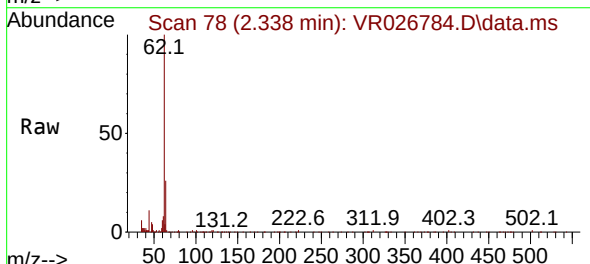
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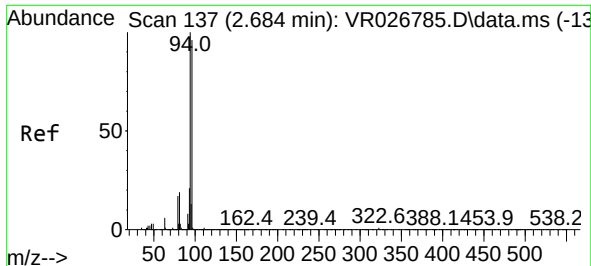
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#4
Vinyl Chloride
Concen: 19.643 ug/l
RT: 2.338 min Scan# 78
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

Tgt Ion: 62 Resp: 197489
Ion Ratio Lower Upper
62 100
64 26.5 22.6 33.8





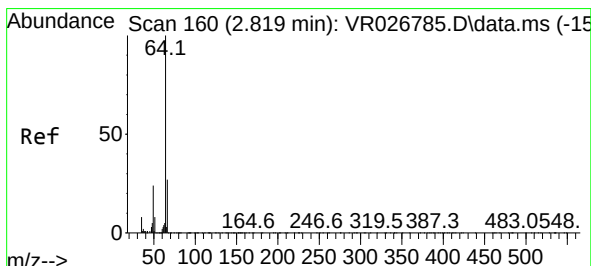
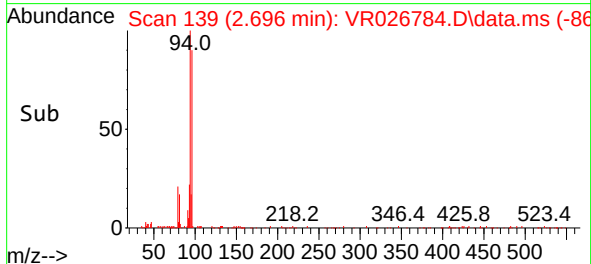
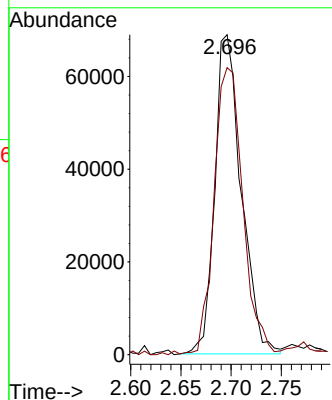
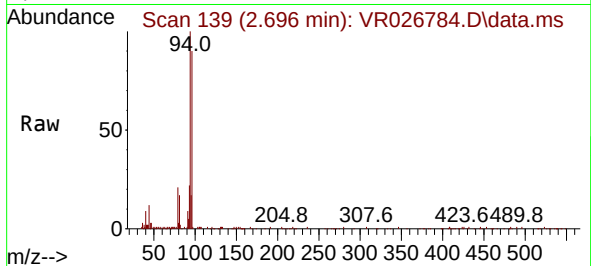
#5
Bromomethane
Concen: 19.690 ug/l
RT: 2.696 min Scan# 11
Delta R.T. 0.012 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

Instrument :
MSVOA_R
ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 12669
Ion Ratio Lower Upper
94 100
96 89.7 76.4 114.6

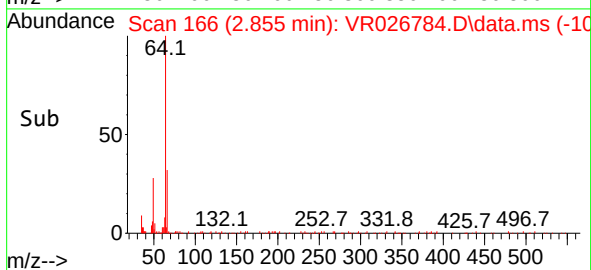
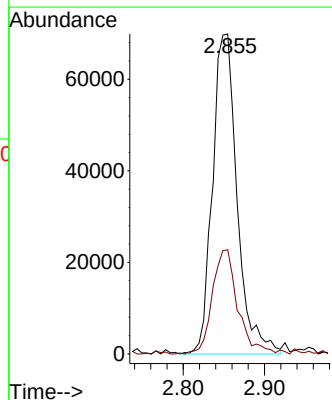
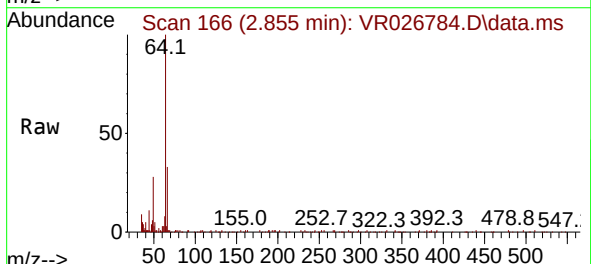
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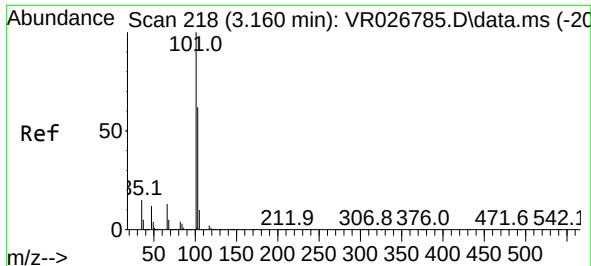
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#6
Chloroethane
Concen: 20.380 ug/l
RT: 2.855 min Scan# 166
Delta R.T. 0.035 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

Tgt Ion: 64 Resp: 147203
Ion Ratio Lower Upper
64 100
66 32.2 22.0 33.0





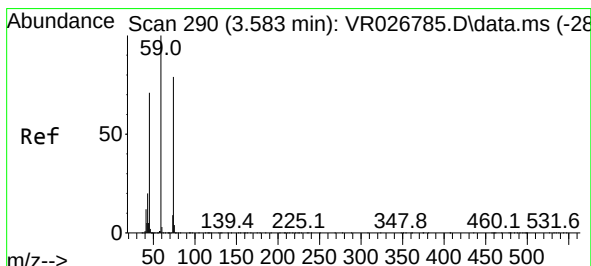
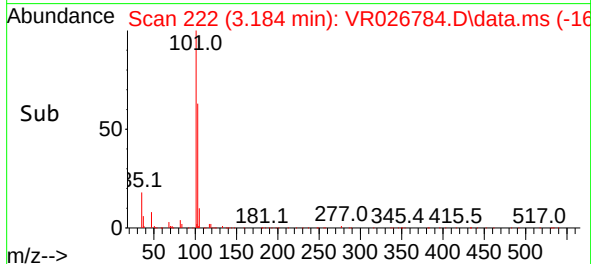
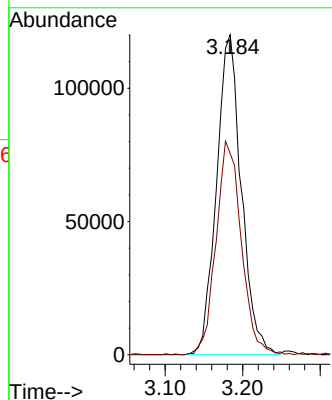
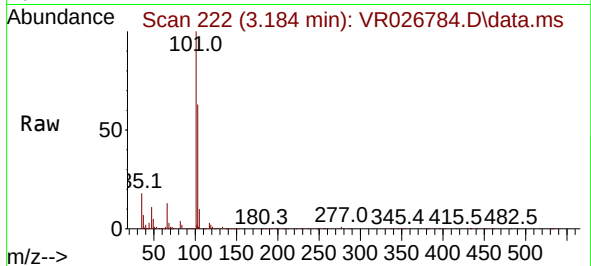
#7
 Trichlorofluoromethane
 Concen: 19.582 ug/l
 RT: 3.184 min Scan# 218
 Delta R.T. 0.024 min
 Lab File: VR026784.D
 Acq: 22 Oct 2025 14:18

Instrument :
 MSVOA_R
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 VSTDICC020

Tgt Ion:101 Resp: 267774
 Ion Ratio Lower Upper
 101 100
 103 62.9 49.6 74.4

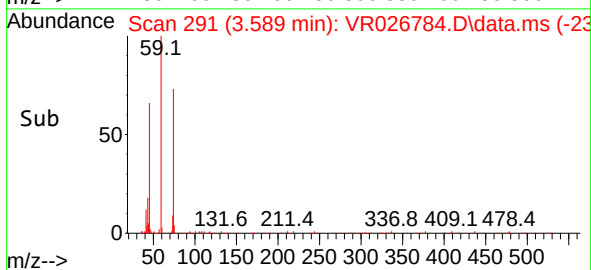
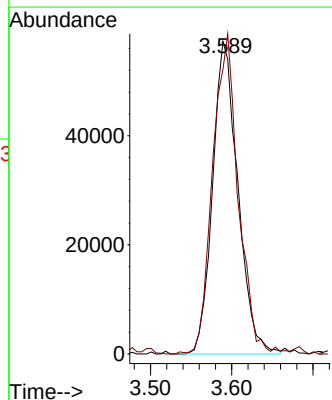
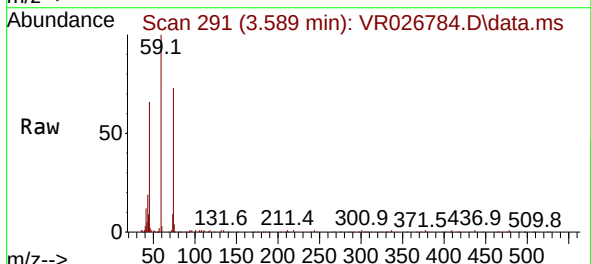
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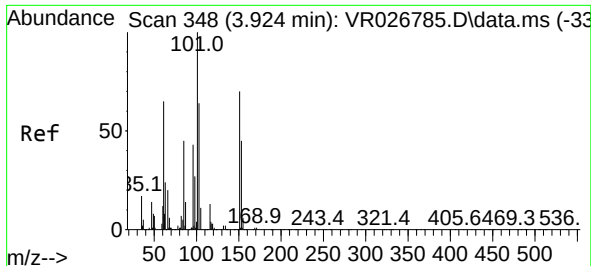
Reviewed By :John Carlone 10/24/2025
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#8
 Diethyl Ether
 Concen: 18.717 ug/l
 RT: 3.589 min Scan# 291
 Delta R.T. 0.006 min
 Lab File: VR026784.D
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Tgt Ion: 74 Resp: 123928
 Ion Ratio Lower Upper
 74 100
 45 102.9 47.3 141.9





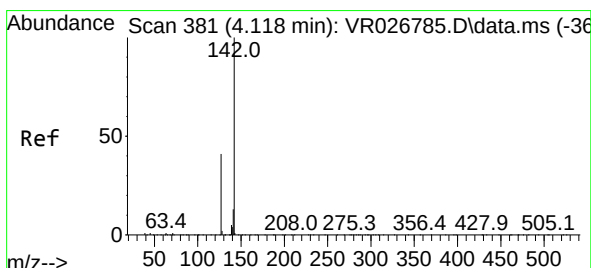
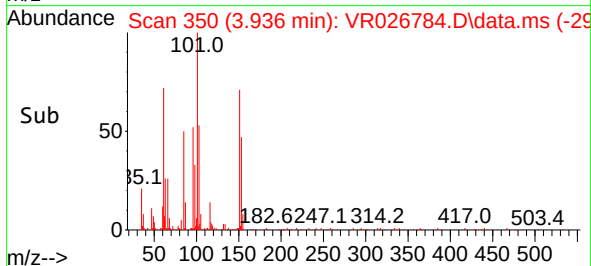
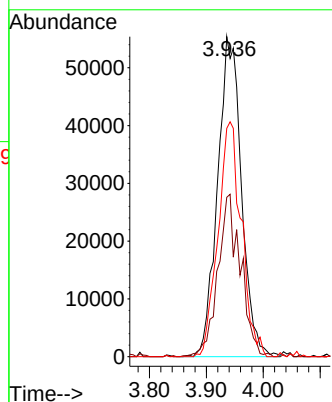
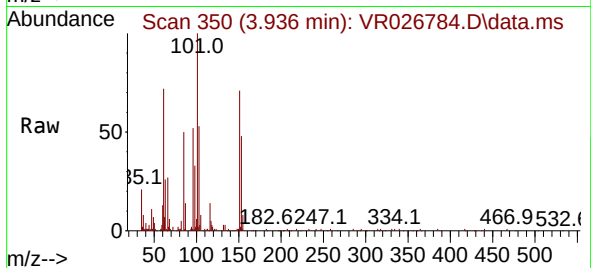
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1,1,2-Trichlorotrifluoroethane
Concen: 18.728 ug/l
RT: 3.936 min Scan# 348
Delta R.T. 0.012 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

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Tgt Ion:101 Resp: 161400
Ion Ratio Lower Upper
101 100
85 48.3 36.6 54.8
151 72.1 55.5 83.3

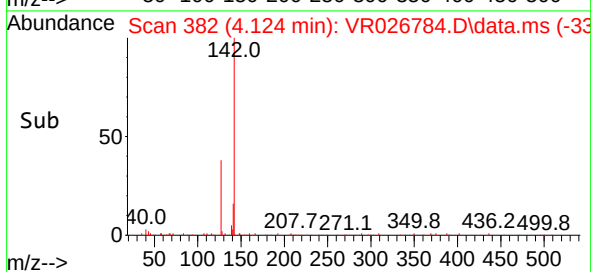
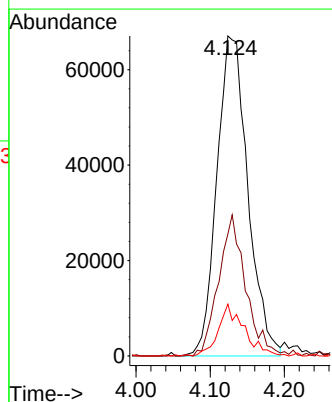
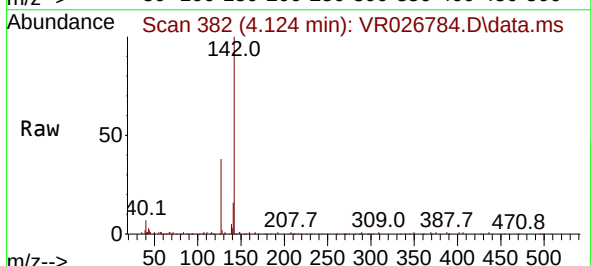
Manual Integrations
APPROVED

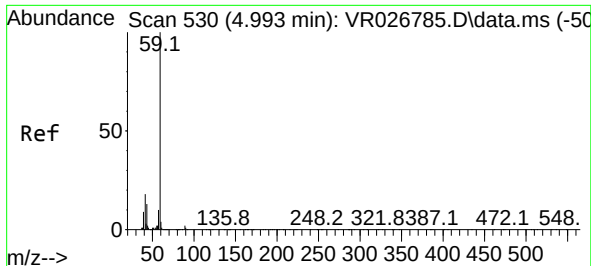
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#10
Methyl Iodide
Concen: 19.774 ug/l
RT: 4.124 min Scan# 382
Delta R.T. 0.006 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

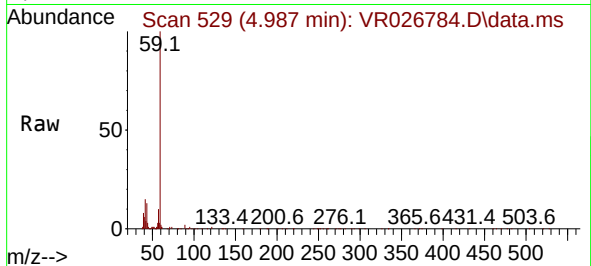
Tgt Ion:142 Resp: 194643
Ion Ratio Lower Upper
142 100
127 38.6 31.8 47.6
141 13.6 10.9 16.3





#11
Tert butyl alcohol
Concen: 89.227 ug/l
RT: 4.987 min Scan# 51
Delta R.T. -0.006 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

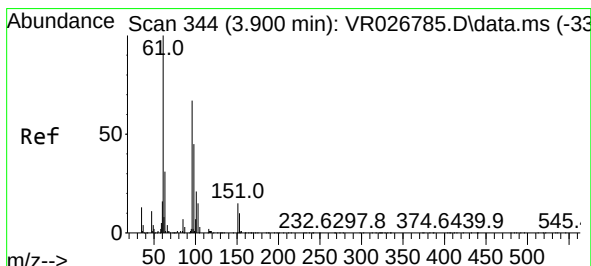
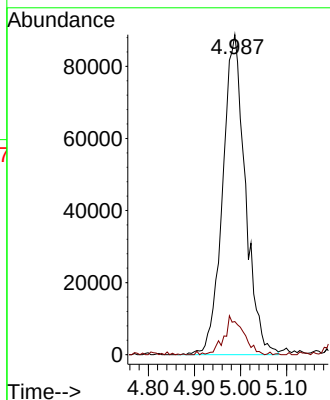
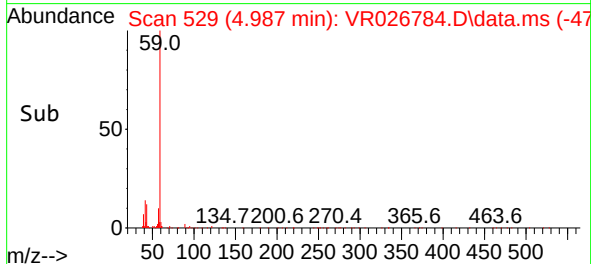
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020



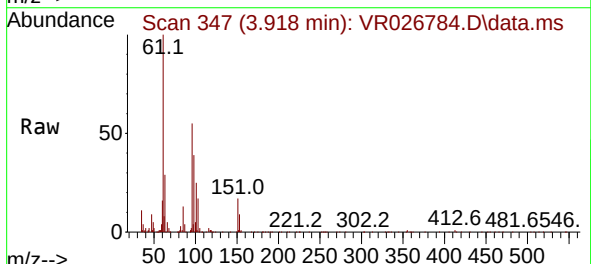
Tgt Ion: 59 Resp: 303200
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

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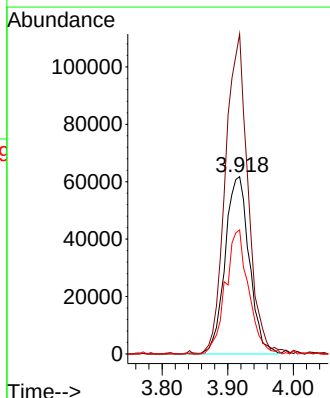
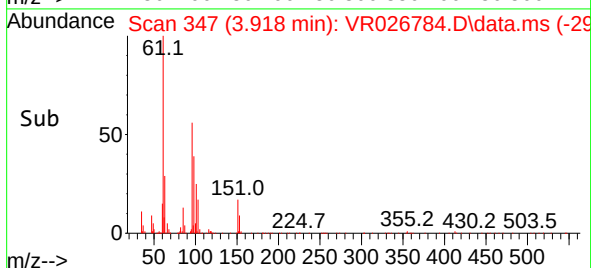
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

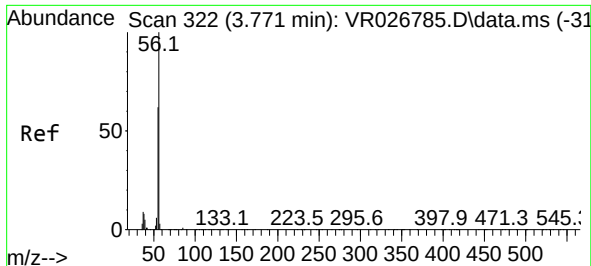


#12
1,1-Dichloroethene
Concen: 18.416 ug/l
RT: 3.918 min Scan# 347
Delta R.T. 0.018 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18



Tgt Ion: 96 Resp: 158254
Ion Ratio Lower Upper
96 100
61 180.4 119.0 178.6#
98 69.9 53.0 79.6





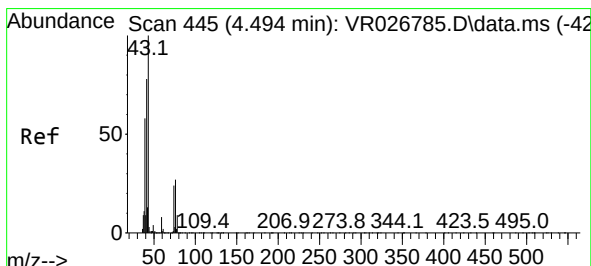
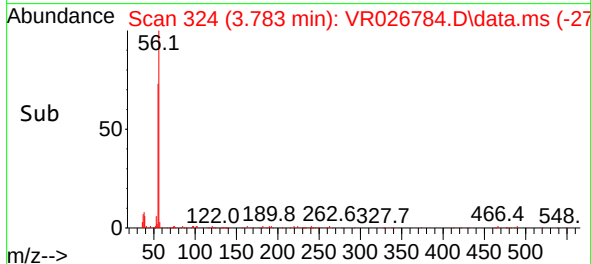
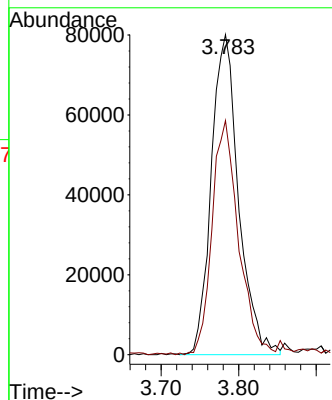
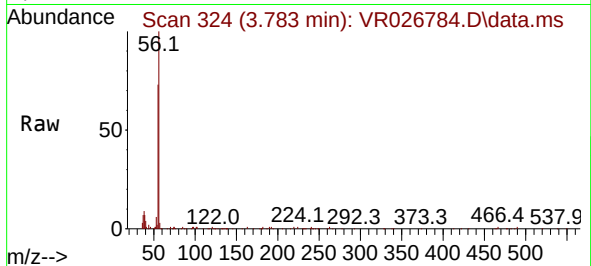
#13
Acrolein
Concen: 87.330 ug/l
RT: 3.783 min Scan# 31
Delta R.T. 0.012 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

Instrument :
MSVOA_R
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 196109
Ion Ratio Lower Upper
56 100
55 70.8 54.2 81.2

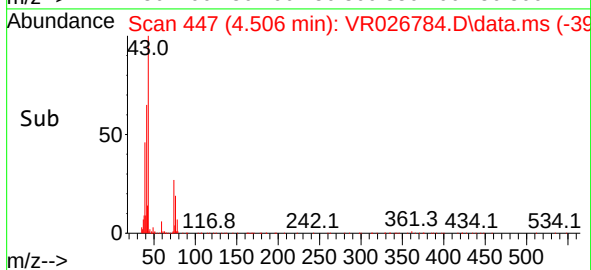
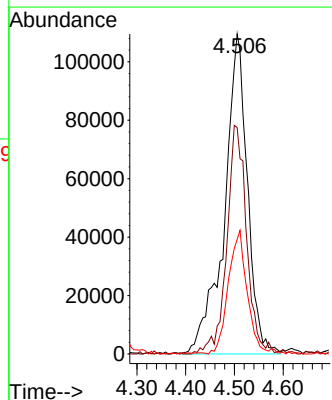
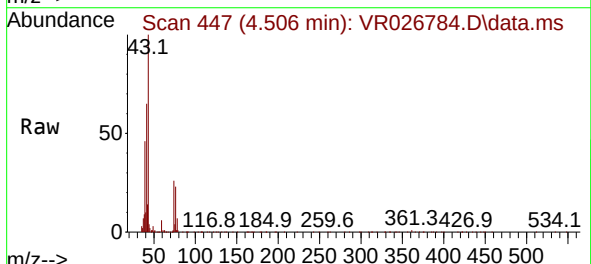
Manual Integrations
APPROVED

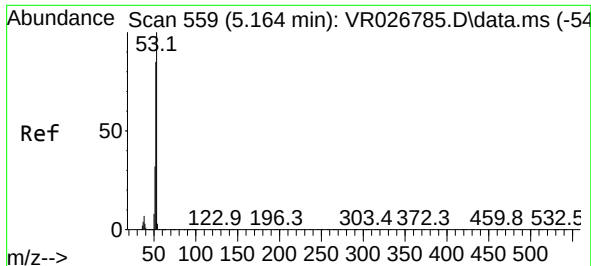
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#14
Allyl chloride
Concen: 20.125 ug/l
RT: 4.506 min Scan# 447
Delta R.T. 0.012 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

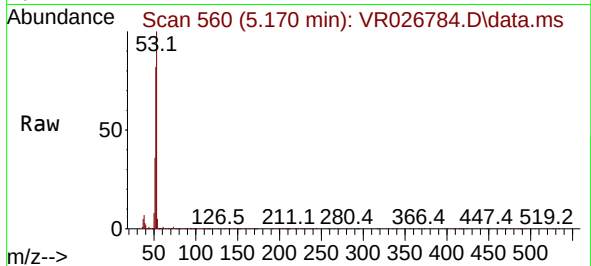
Tgt Ion: 41 Resp: 361771
Ion Ratio Lower Upper
41 100
39 61.0 49.0 73.6
76 31.1 24.0 36.0





#15
Acrylonitrile
Concen: 98.950 ug/l
RT: 5.170 min Scan# 50
Delta R.T. 0.006 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

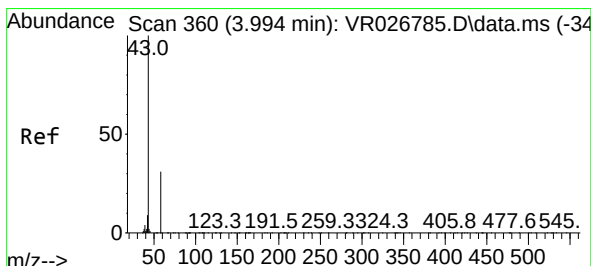
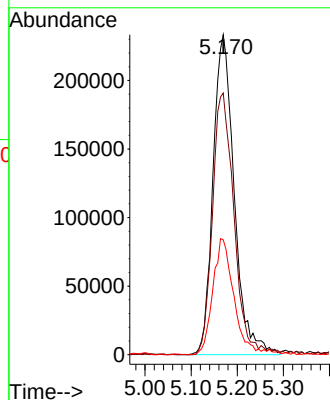
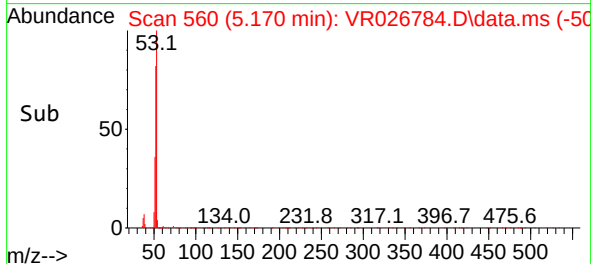
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 742830
Ion Ratio Lower Upper
53 100
52 83.3 65.8 98.8
51 36.5 27.7 41.5

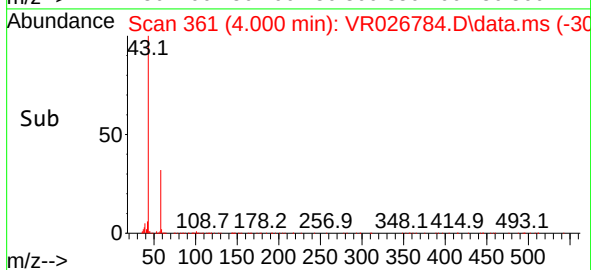
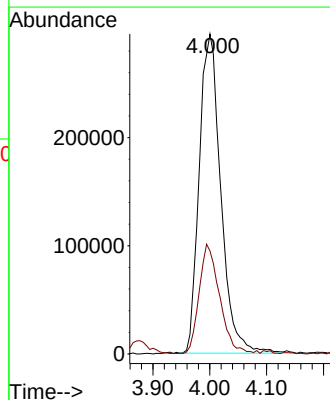
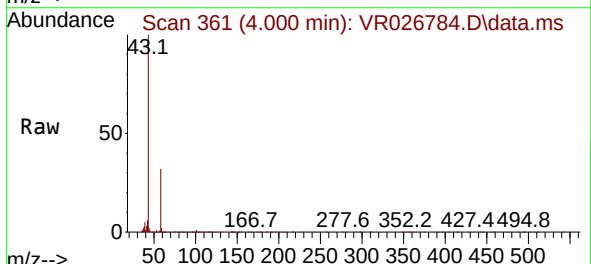
Manual Integrations
APPROVED

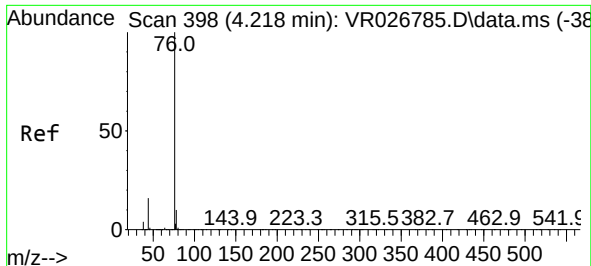
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#16
Acetone
Concen: 91.253 ug/l
RT: 4.000 min Scan# 361
Delta R.T. 0.006 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

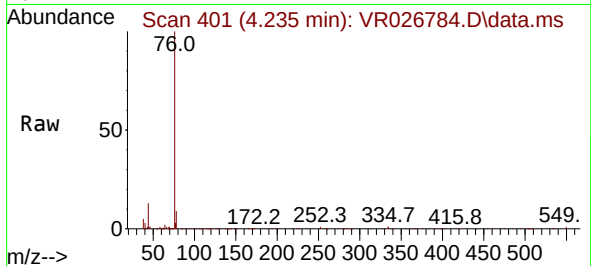
Tgt Ion: 43 Resp: 777819
Ion Ratio Lower Upper
43 100
58 32.1 26.2 39.4





#17
Carbon Disulfide
Concen: 19.386 ug/l
RT: 4.235 min Scan# 401
Delta R.T. 0.018 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

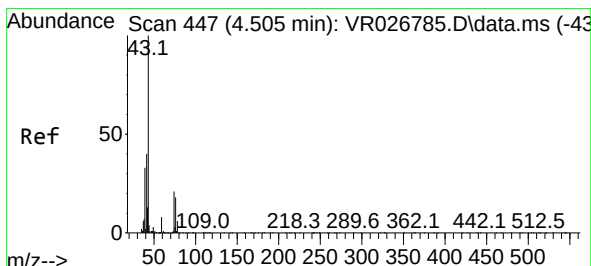
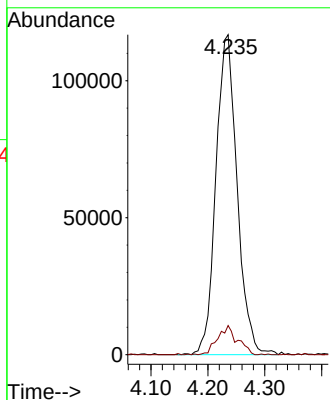
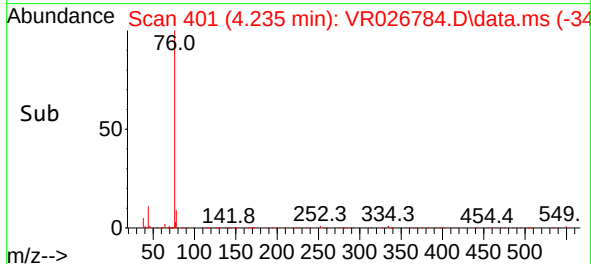
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020



Tgt Ion: 76 Resp: 302894
Ion Ratio Lower Upper
76 100
78 9.1 8.2 12.2

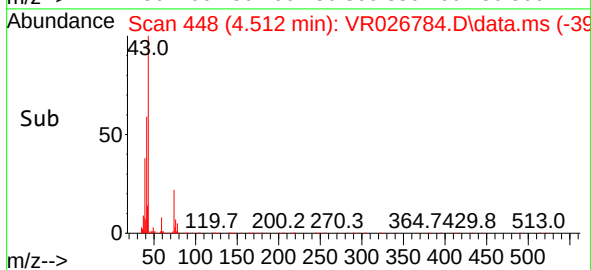
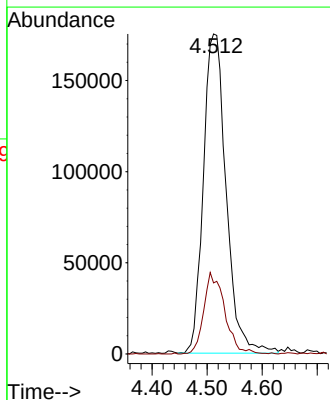
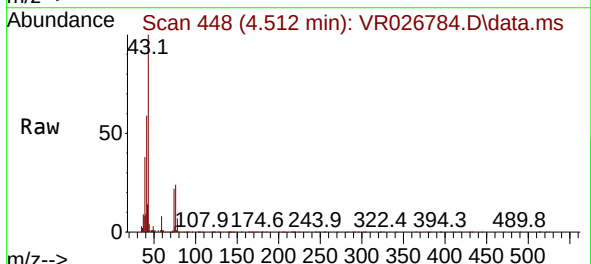
Manual Integrations
APPROVED

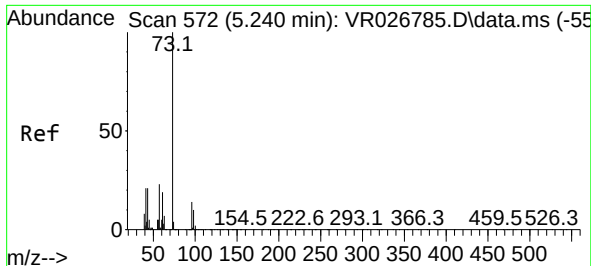
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#18
Methyl Acetate
Concen: 21.117 ug/l
RT: 4.512 min Scan# 448
Delta R.T. 0.006 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

Tgt Ion: 43 Resp: 503114
Ion Ratio Lower Upper
43 100
74 23.5 18.5 27.7





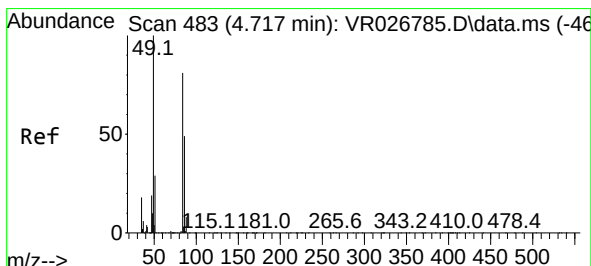
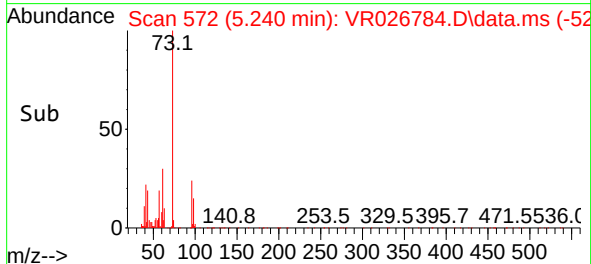
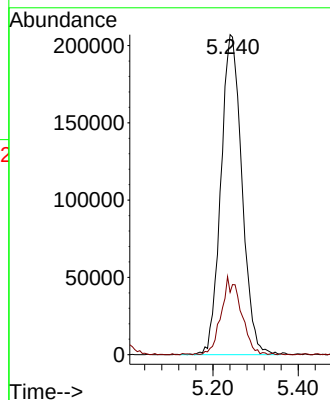
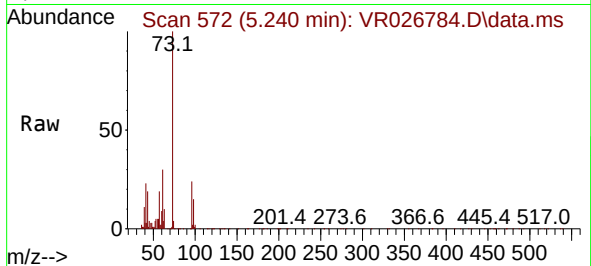
#19
Methyl tert-butyl Ether
Concen: 19.405 ug/l
RT: 5.240 min Scan# 51
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

Instrument :
MSVOA_R
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 70929
Ion Ratio Lower Upper
73 100
57 19.5 18.6 28.0

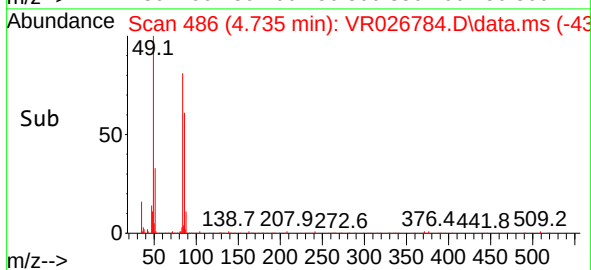
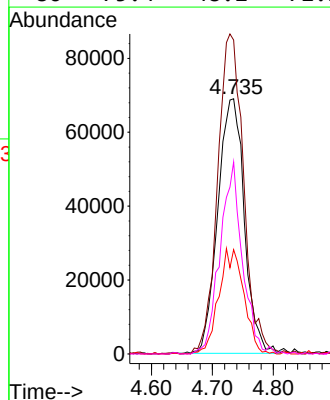
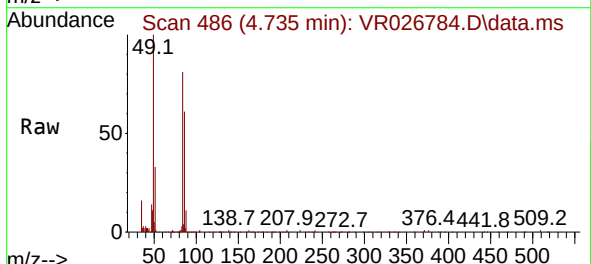
Manual Integrations
APPROVED

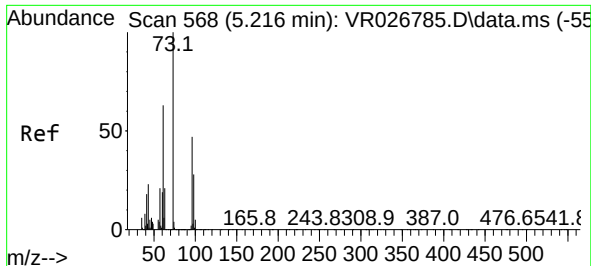
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#20
Methylene Chloride
Concen: 19.340 ug/l
RT: 4.735 min Scan# 486
Delta R.T. 0.018 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

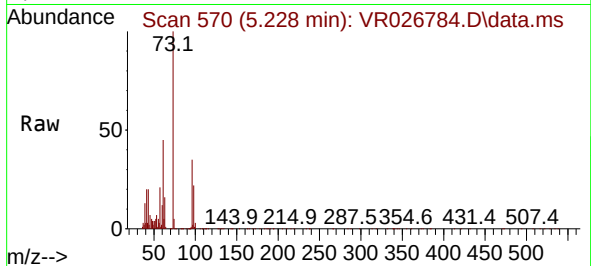
Tgt Ion: 84 Resp: 208202
Ion Ratio Lower Upper
84 100
49 123.3 99.0 148.6
51 41.0 28.6 42.8
86 75.4 48.2 72.2#





#21
trans-1,2-Dichloroethene
Concen: 19.129 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.012 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

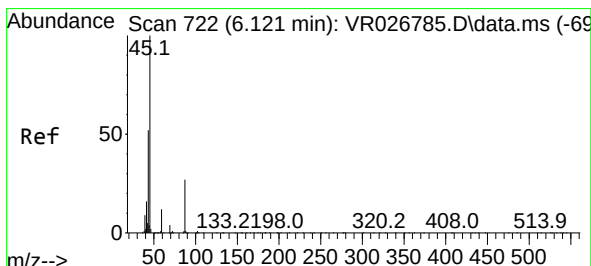
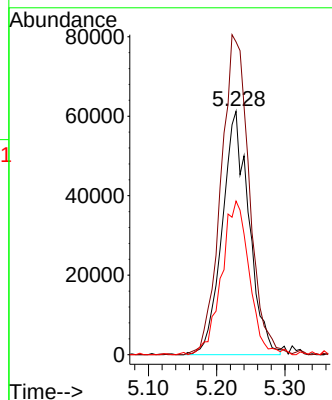
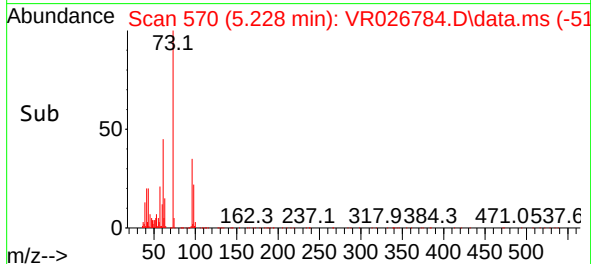
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 16719
Ion Ratio Lower Upper
96 100
61 127.9 107.4 161.0
98 62.7 48.1 72.1

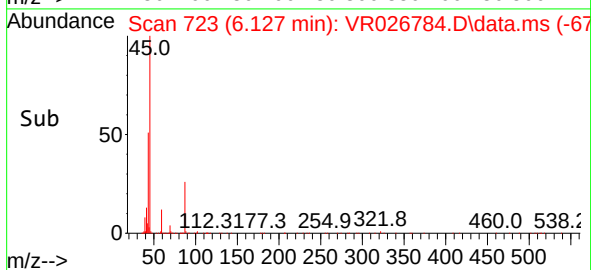
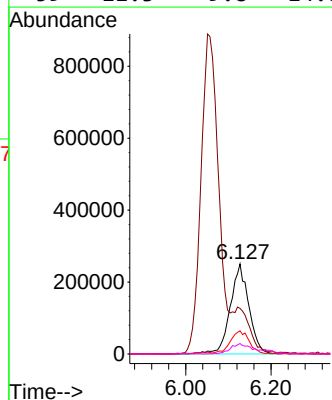
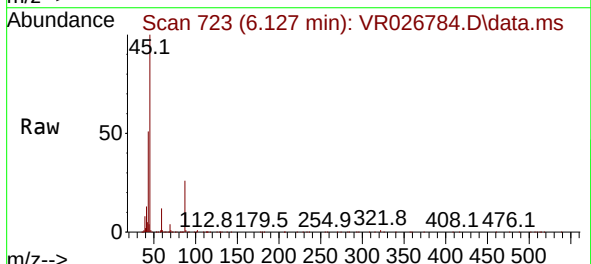
Manual Integrations
APPROVED

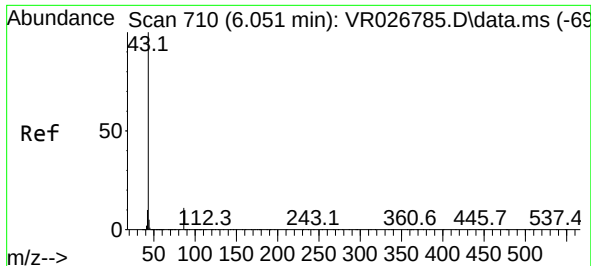
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#22
Diisopropyl ether
Concen: 19.623 ug/l
RT: 6.127 min Scan# 723
Delta R.T. 0.006 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

Tgt Ion: 45 Resp: 754103
Ion Ratio Lower Upper
45 100
43 50.3 41.8 62.8
87 25.8 21.8 32.8
59 11.3 9.8 14.8





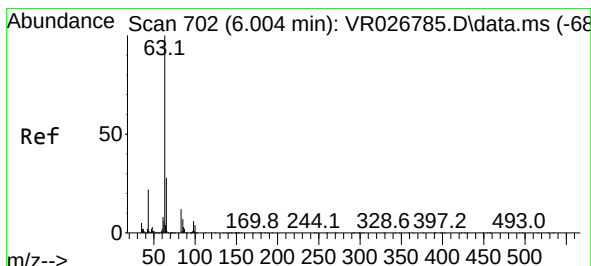
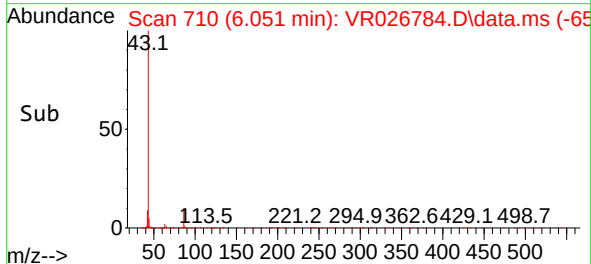
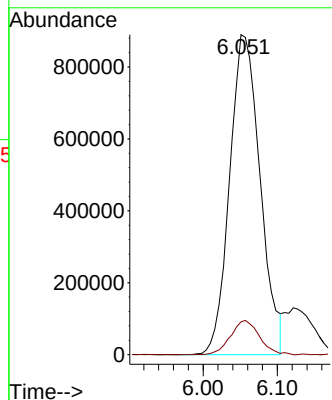
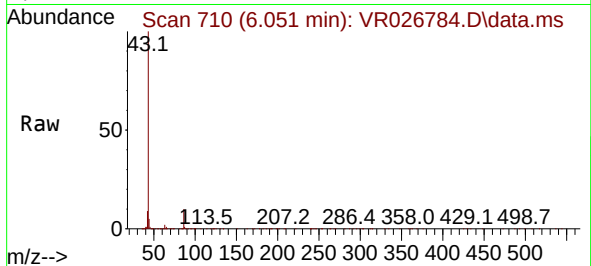
#23
 Vinyl Acetate
 Concen: 100.515 ug/l
 RT: 6.051 min Scan# 710
 Delta R.T. 0.000 min
 Lab File: VR026784.D
 Acq: 22 Oct 2025 14:18

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 2543014
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.7 13.1

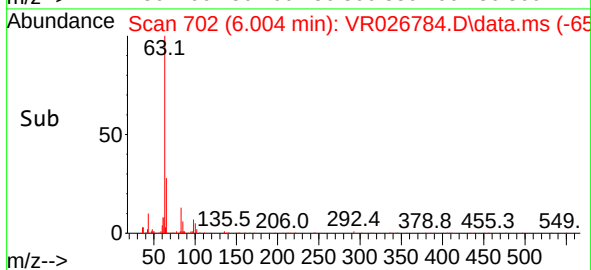
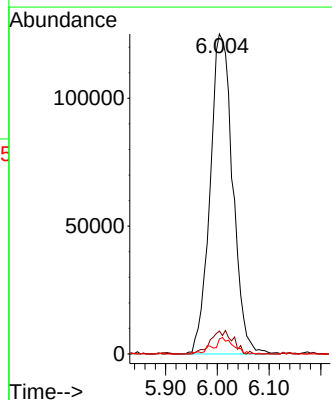
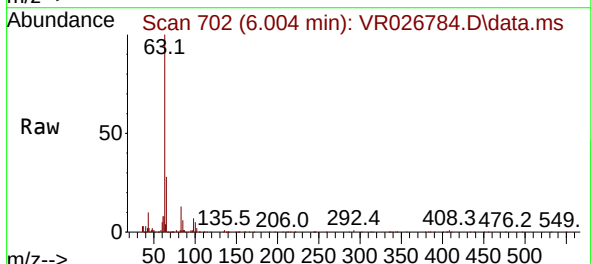
Manual Integrations
 APPROVED

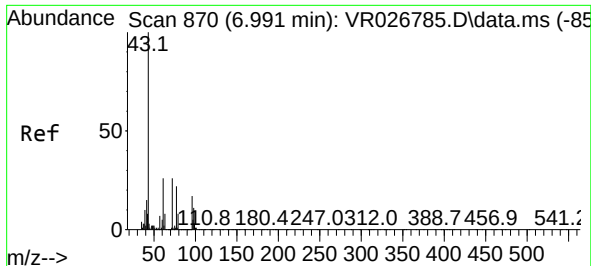
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#24
 1,1-Dichloroethane
 Concen: 19.502 ug/l
 RT: 6.004 min Scan# 702
 Delta R.T. 0.000 min
 Lab File: VR026784.D
 Acq: 22 Oct 2025 14:18

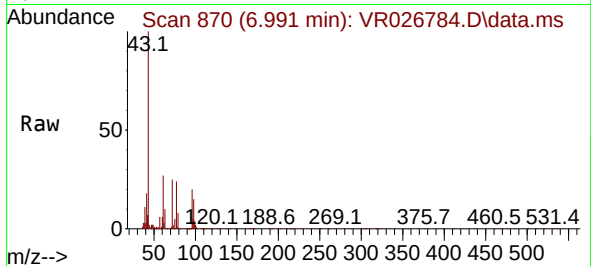
Tgt Ion: 63 Resp: 381334
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 4.6 2.1 6.3





#25
2-Butanone
Concen: 91.869 ug/l
RT: 6.991 min Scan# 870
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

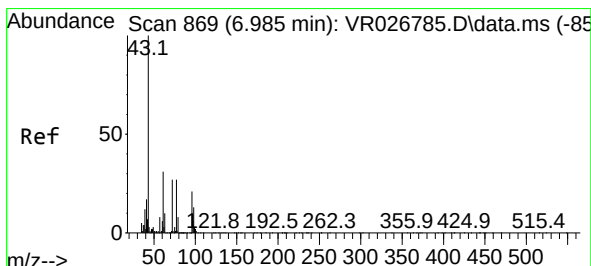
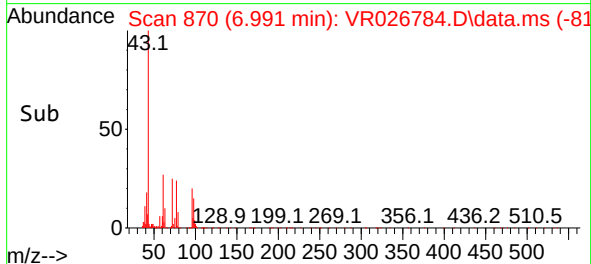
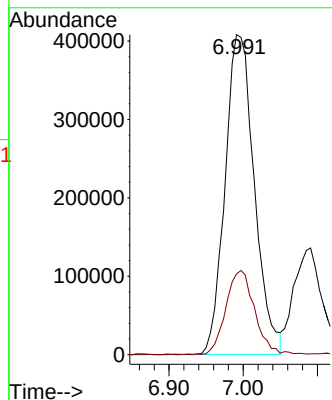
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 1118100
Ion Ratio Lower Upper
43 100
72 25.3 21.0 31.4

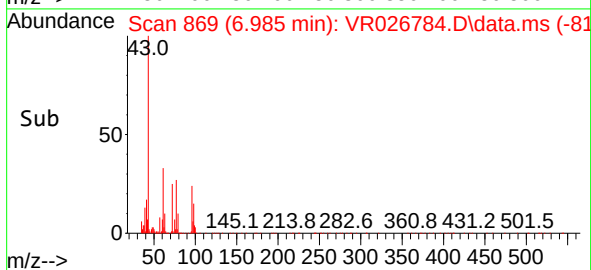
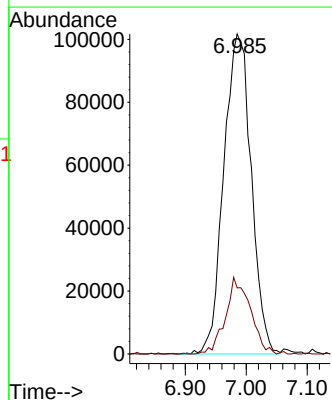
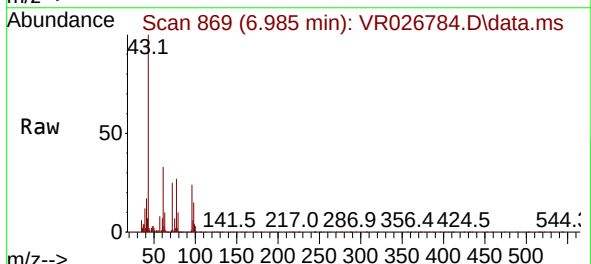
Manual Integrations
APPROVED

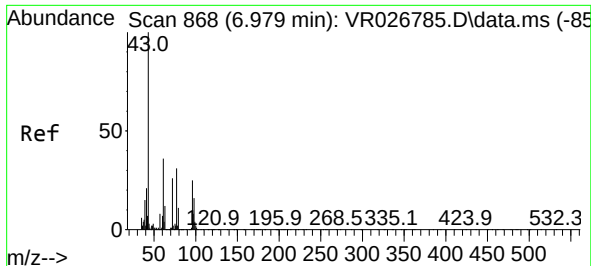
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#26
2,2-Dichloropropane
Concen: 19.033 ug/l
RT: 6.985 min Scan# 869
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

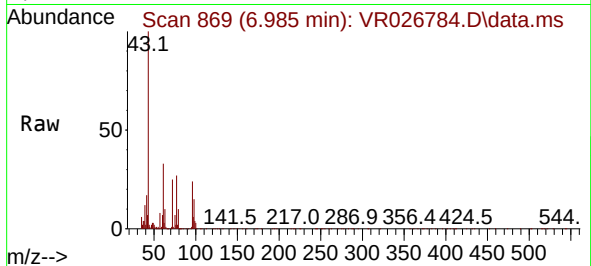
Tgt Ion: 77 Resp: 317960
Ion Ratio Lower Upper
77 100
97 21.6 11.6 34.7





#27
cis-1,2-Dichloroethene
Concen: 19.857 ug/l
RT: 6.985 min Scan# 80
Delta R.T. 0.006 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

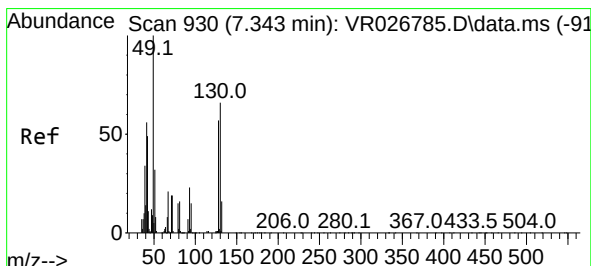
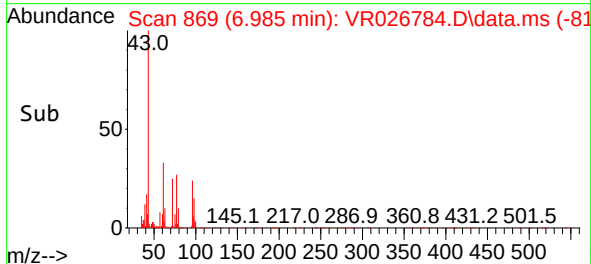
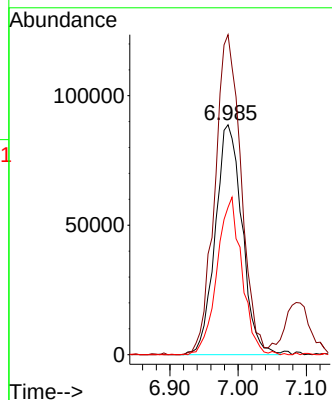
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 24252
Ion Ratio Lower Upper
96 100
61 136.9 0.0 291.0
98 63.6 0.0 127.8

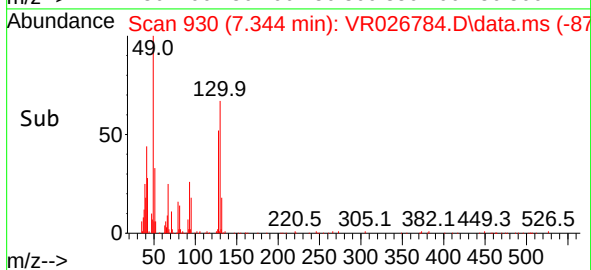
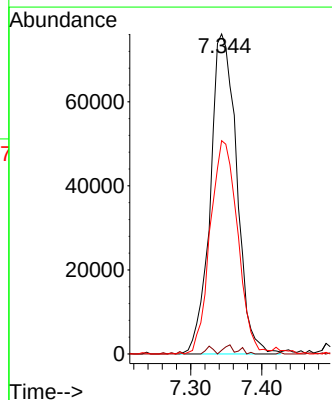
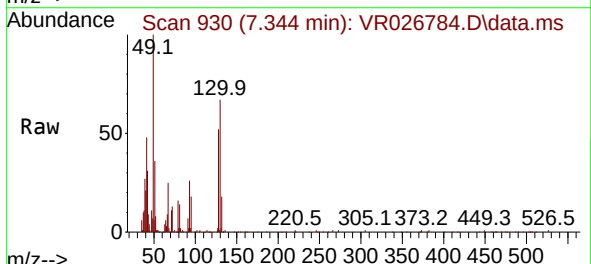
Manual Integrations
APPROVED

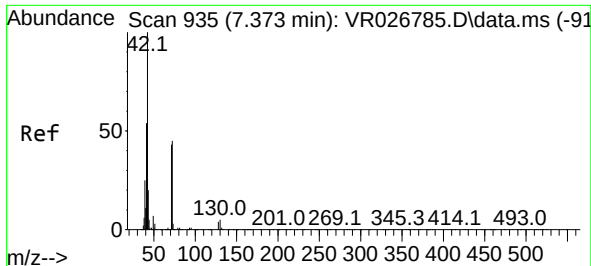
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#28
Bromochloromethane
Concen: 22.217 ug/l
RT: 7.344 min Scan# 930
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

Tgt Ion: 49 Resp: 196289
Ion Ratio Lower Upper
49 100
129 1.1 0.0 2.6
130 69.3 53.8 80.6





#29

Tetrahydrofuran

Concen: 99.092 ug/l

RT: 7.379 min Scan# 91

Delta R.T. 0.006 min

Lab File: VR026784.D

Acq: 22 Oct 2025 14:18

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC020

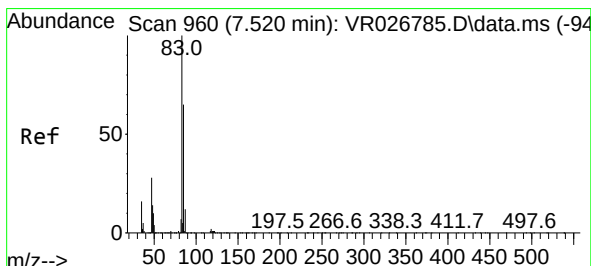
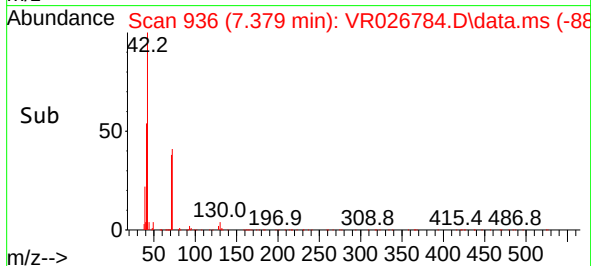
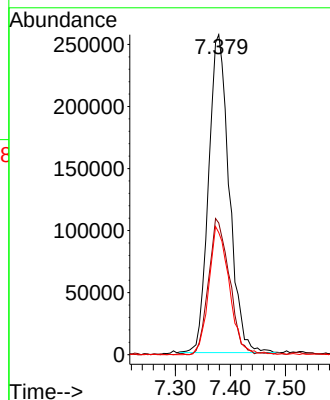
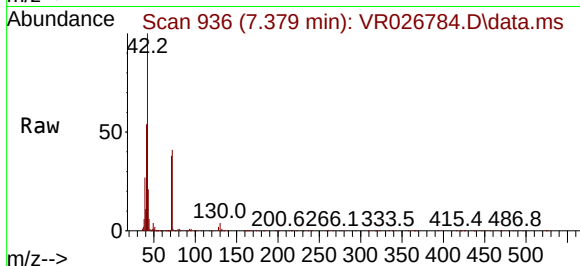
Tgt Ion:	42	Resp:	66565
Ion	Ratio	Lower	Upper
42	100		
72	43.4	35.4	53.0
71	40.1	32.8	49.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#30

Chloroform

Concen: 20.130 ug/l

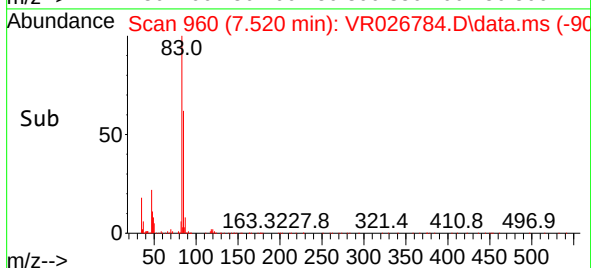
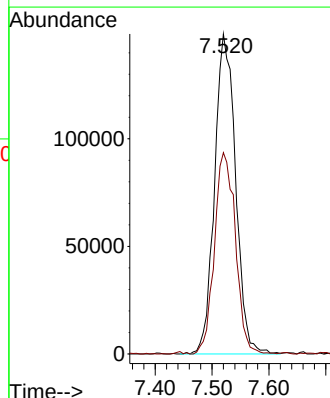
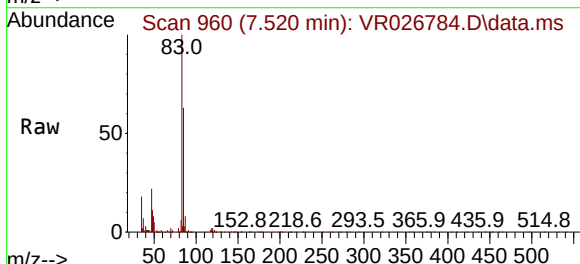
RT: 7.520 min Scan# 960

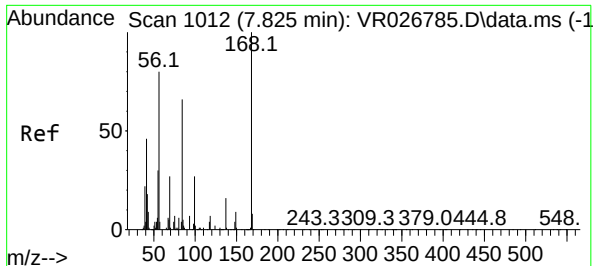
Delta R.T. 0.000 min

Lab File: VR026784.D

Acq: 22 Oct 2025 14:18

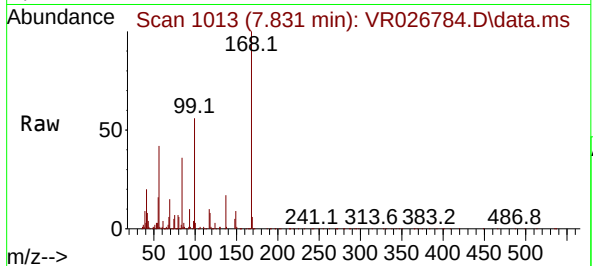
Tgt Ion:	83	Resp:	381199
Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.7	77.5





#31
Cyclohexane
Concen: 18.794 ug/l
RT: 7.831 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

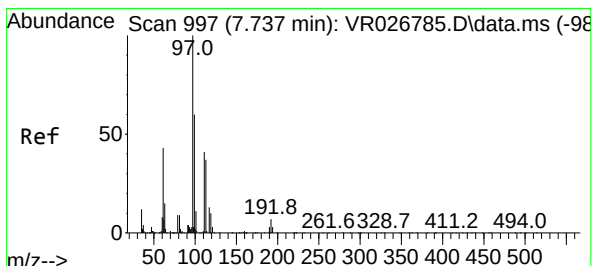
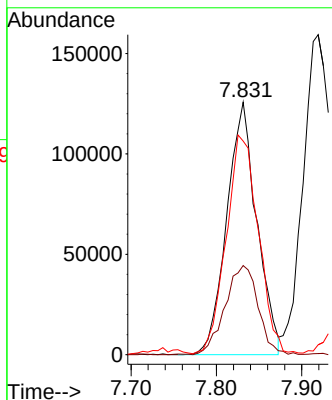
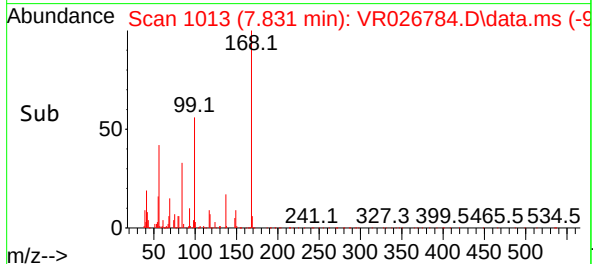
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 307304
Ion Ratio Lower Upper
56 100
69 35.0 26.9 40.3
84 82.6 66.1 99.1

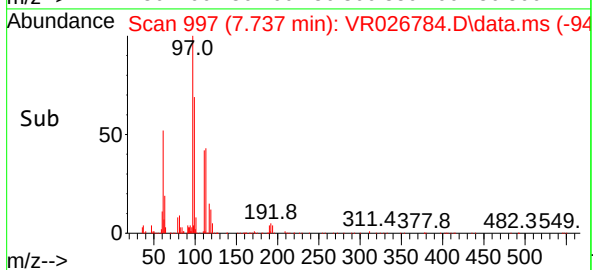
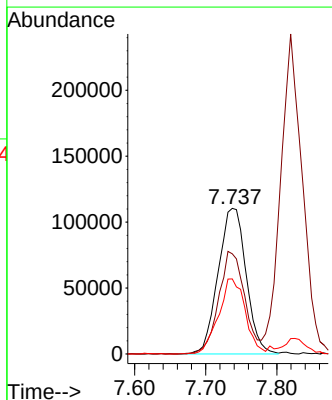
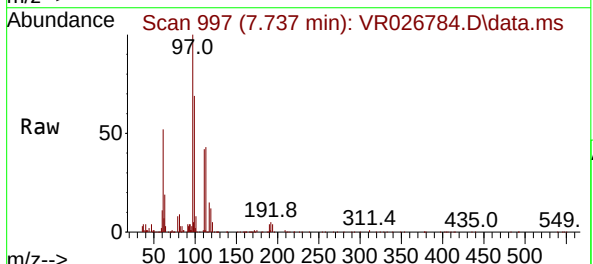
Manual Integrations
APPROVED

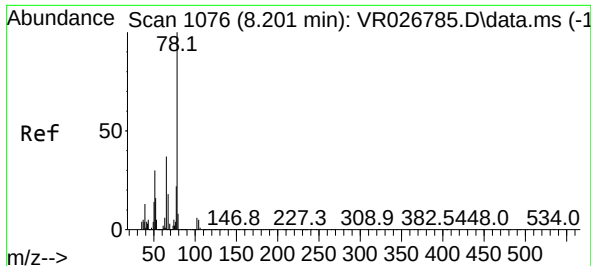
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#32
1,1,1-Trichloroethane
Concen: 19.250 ug/l
RT: 7.737 min Scan# 997
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

Tgt Ion: 97 Resp: 301660
Ion Ratio Lower Upper
97 100
99 65.8 49.5 74.3
61 49.3 36.9 55.3





#33

1,2-Dichloroethane-d4

Concen: 18.407 ug/l

RT: 8.201 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VR026784.D

Acq: 22 Oct 2025 14:18

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 12740

Ion Ratio Lower Upper

65 100

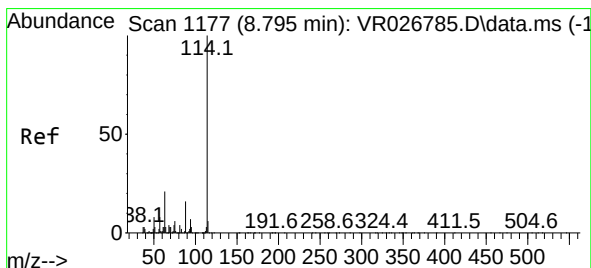
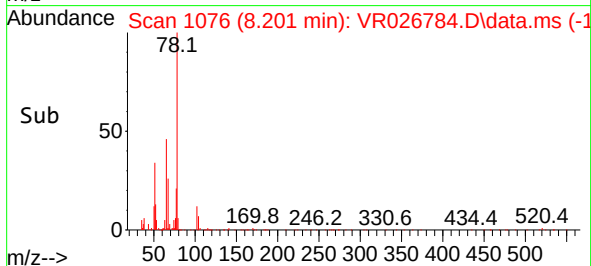
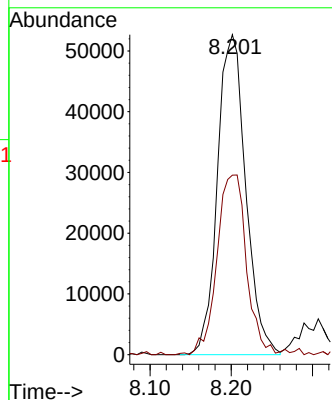
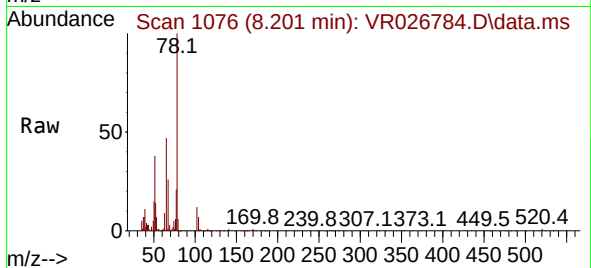
67 58.5 0.0 108.2

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: VR026784.D

Acq: 22 Oct 2025 14:18

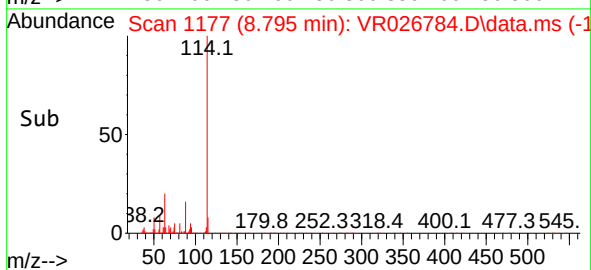
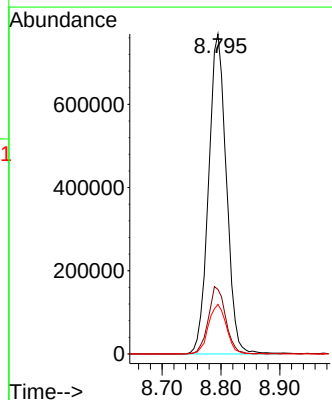
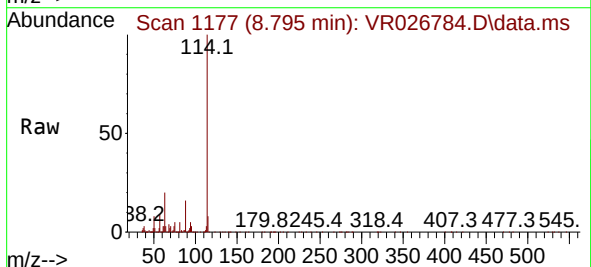
Tgt Ion:114 Resp: 1615850

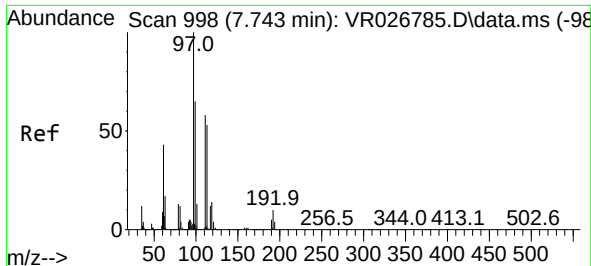
Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.4

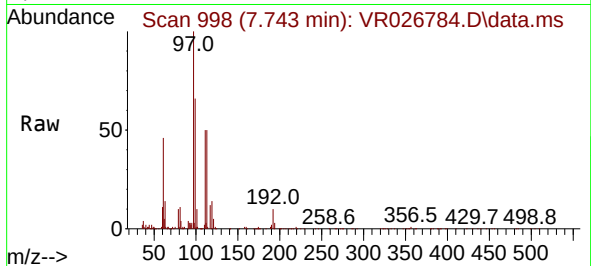
88 15.5 0.0 31.4





#35
Dibromofluoromethane
Concen: 19.442 ug/l
RT: 7.743 min Scan# 998
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

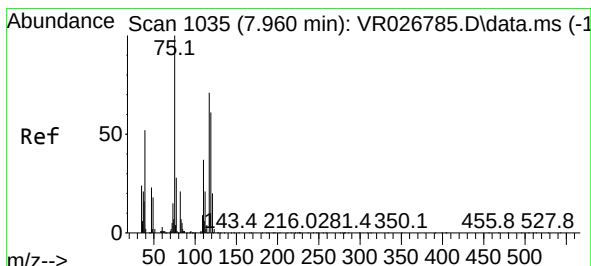
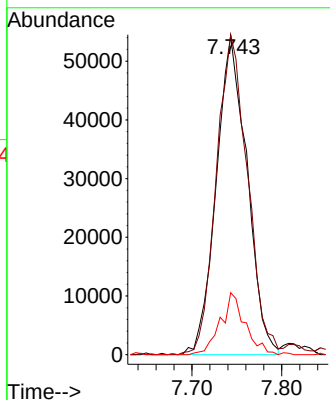
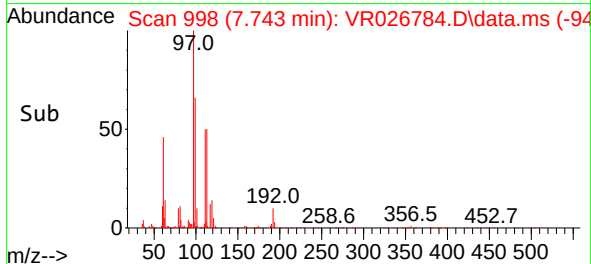
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020



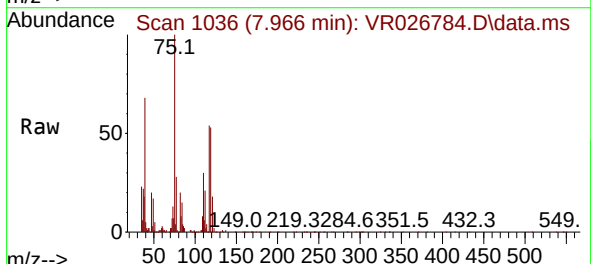
Tgt Ion: 113 Resp: 129138
Ion Ratio Lower Upper
113 100
111 101.9 86.0 129.0
192 15.5 14.6 22.0

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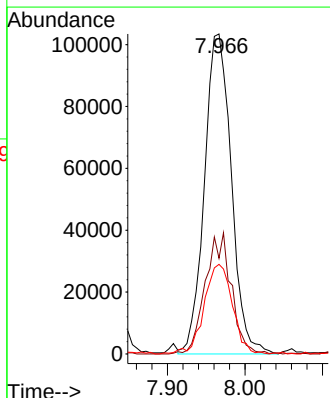
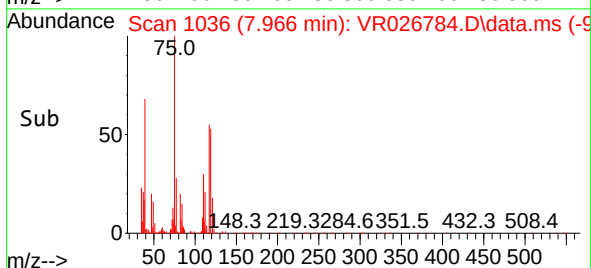
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

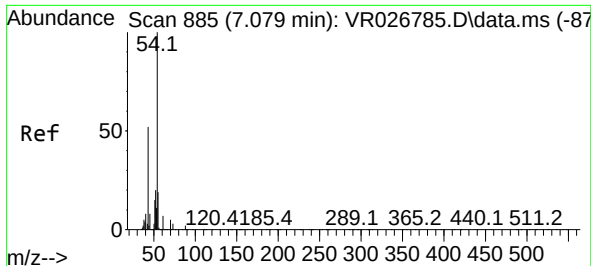


#36
1,1-Dichloropropene
Concen: 19.570 ug/l
RT: 7.966 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18



Tgt Ion: 75 Resp: 249685
Ion Ratio Lower Upper
75 100
110 36.4 17.4 52.2
77 29.4 23.8 35.8





#37

Ethyl Acetate

Concen: 19.559 ug/l

RT: 7.091 min Scan# 885

Delta R.T. 0.012 min

Lab File: VR026784.D

Acq: 22 Oct 2025 14:18

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 36559

Ion Ratio Lower Upper

43 100

61 13.7 11.0 16.6

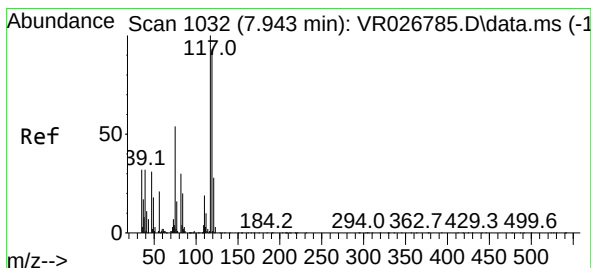
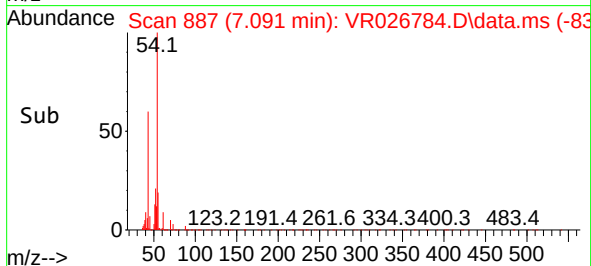
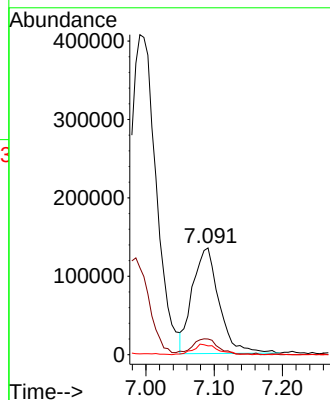
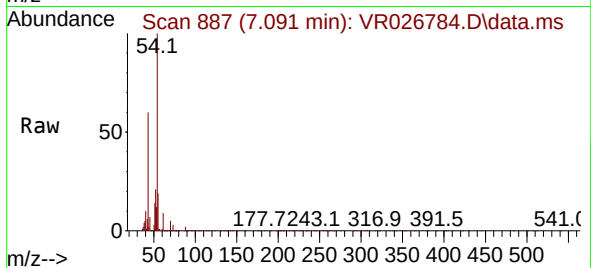
70 9.2 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#38

Carbon Tetrachloride

Concen: 19.839 ug/l

RT: 7.955 min Scan# 1034

Delta R.T. 0.012 min

Lab File: VR026784.D

Acq: 22 Oct 2025 14:18

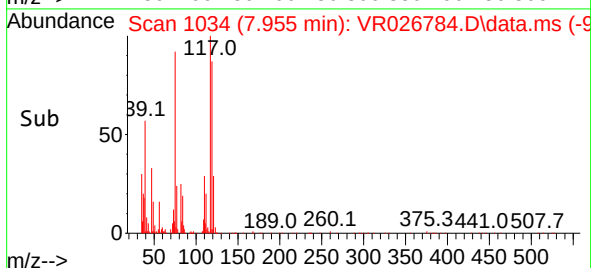
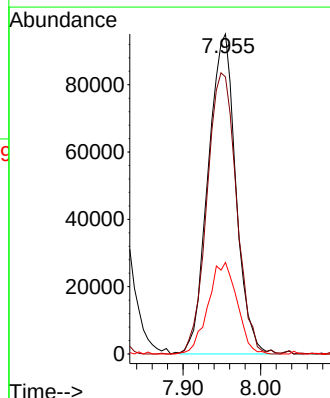
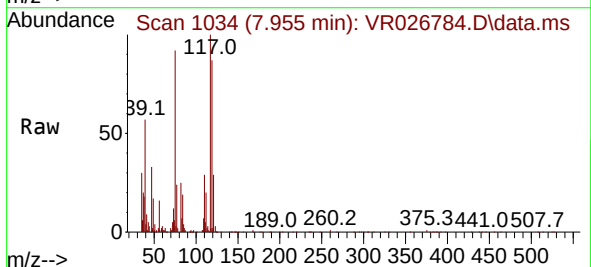
Tgt Ion:117 Resp: 236043

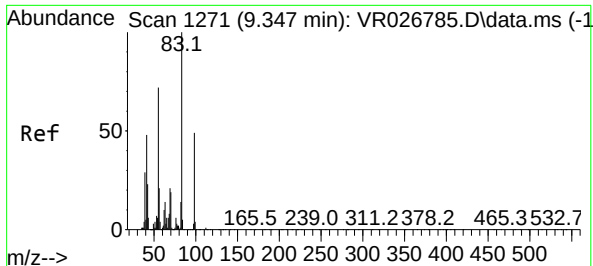
Ion Ratio Lower Upper

117 100

119 86.3 74.3 111.5

121 28.6 22.6 33.8





#39

Methylcyclohexane

Concen: 19.221 ug/l

RT: 9.347 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VR026784.D

Acq: 22 Oct 2025 14:18

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC020

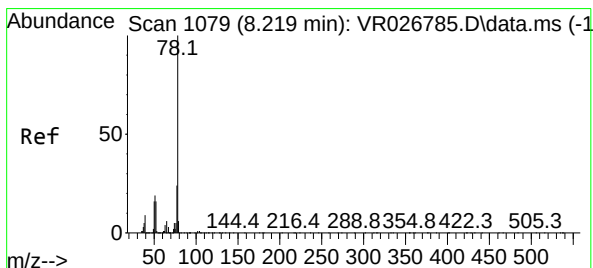
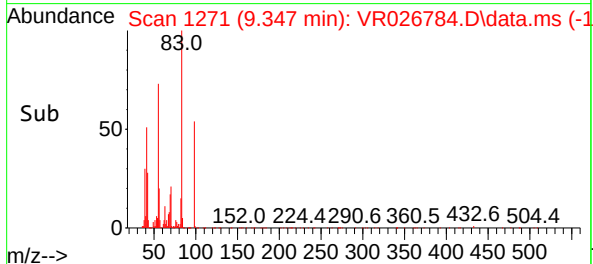
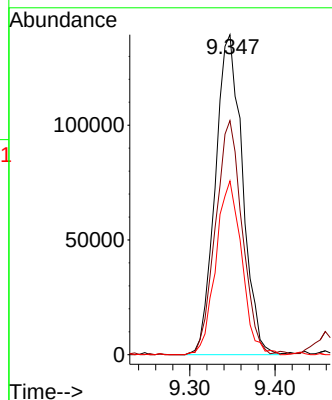
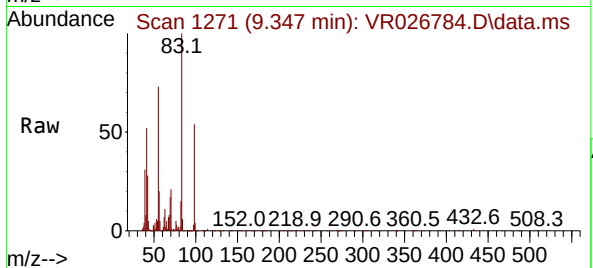
Tgt Ion: 83 Resp: 30839
 Ion Ratio Lower Upper
 83 100
 55 73.2 57.1 85.7
 98 54.3 39.4 59.2

Manual Integrations

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Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#40

Benzene

Concen: 20.276 ug/l

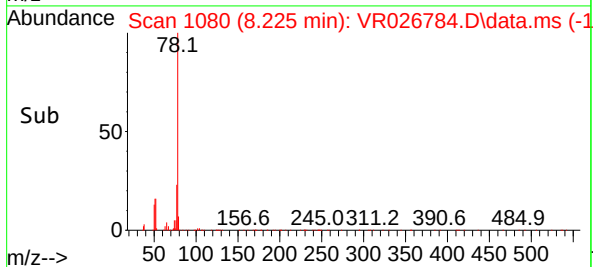
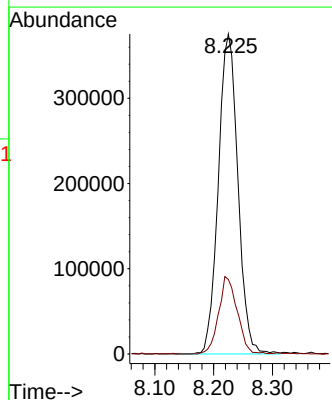
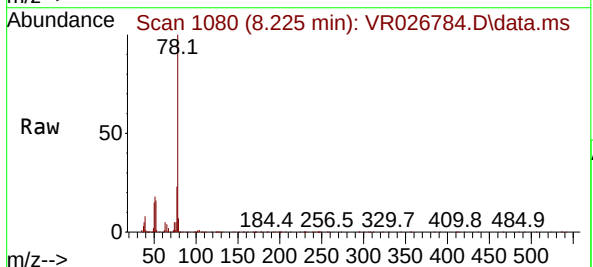
RT: 8.225 min Scan# 1080

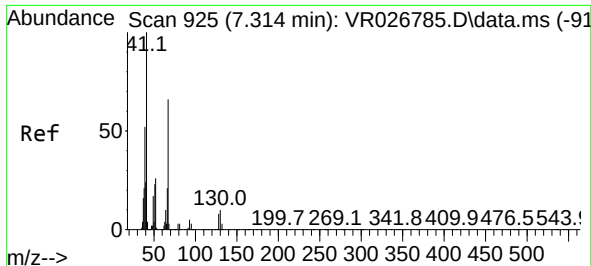
Delta R.T. 0.006 min

Lab File: VR026784.D

Acq: 22 Oct 2025 14:18

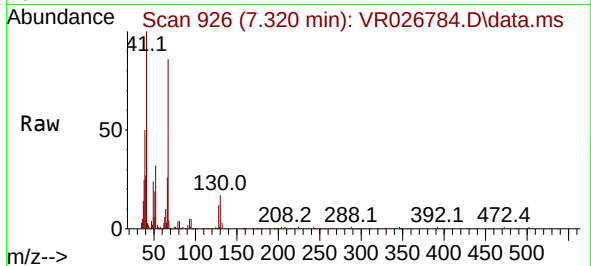
Tgt Ion: 78 Resp: 866585
 Ion Ratio Lower Upper
 78 100
 77 23.3 19.3 28.9





#41
Methacrylonitrile
Concen: 18.042 ug/l
RT: 7.320 min Scan# 91
Delta R.T. 0.006 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

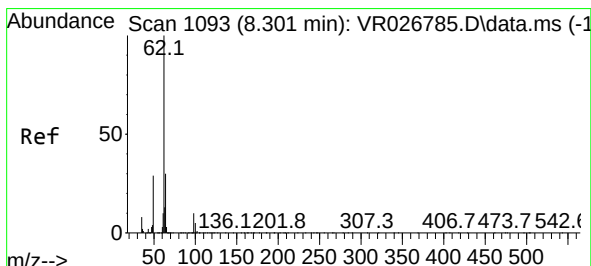
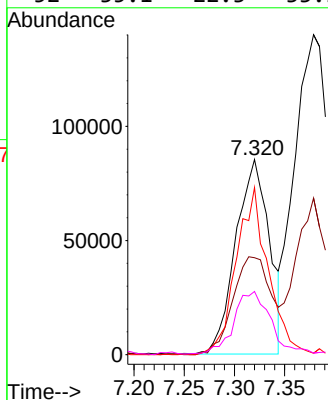
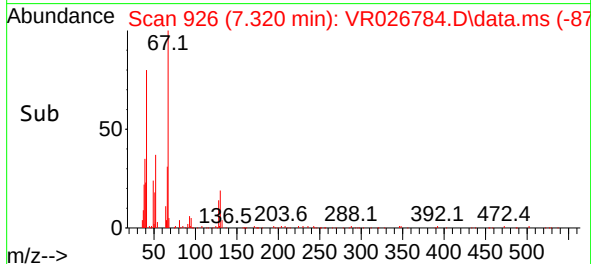
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 19877
Ion Ratio Lower Upper
41 100
39 56.7 40.3 60.5
67 81.4 57.3 85.9
52 35.1 22.3 33.5#

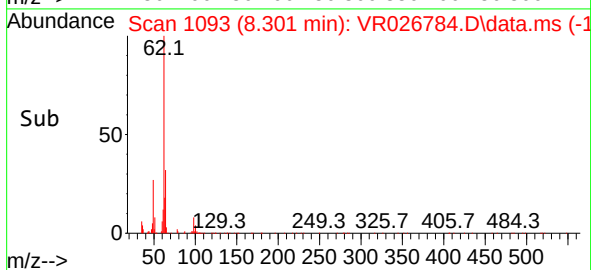
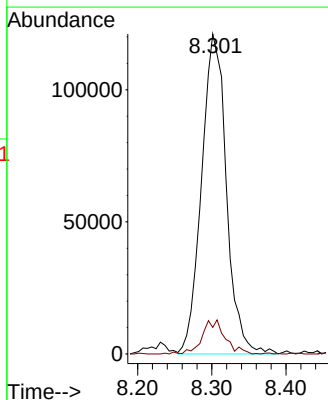
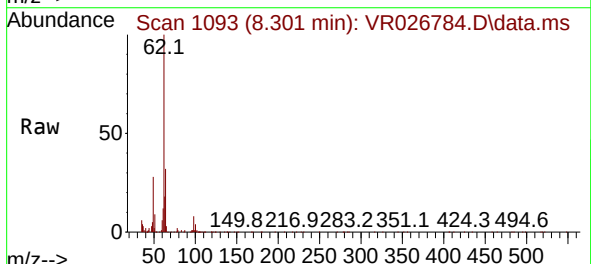
Manual Integrations
APPROVED

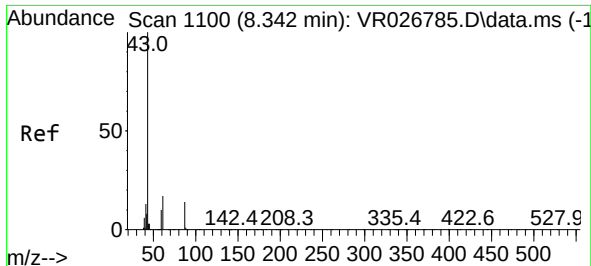
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#42
1,2-Dichloroethane
Concen: 20.187 ug/l
RT: 8.301 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

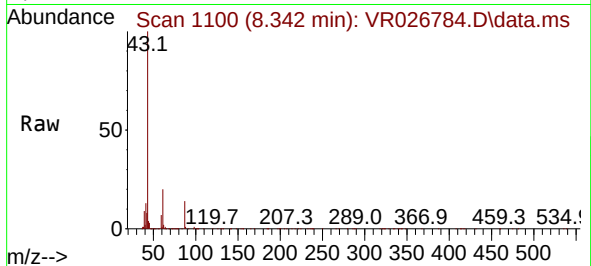
Tgt Ion: 62 Resp: 282687
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.4





#43
Isopropyl Acetate
Concen: 20.048 ug/l
RT: 8.342 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

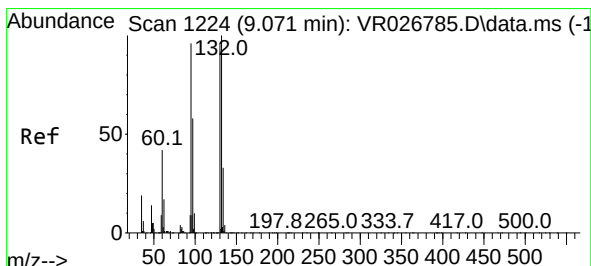
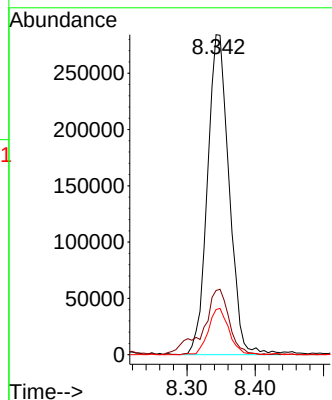
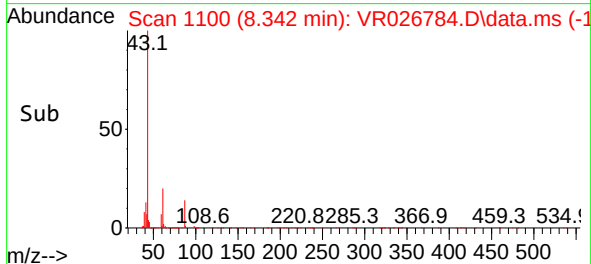
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 627500
Ion Ratio Lower Upper
43 100
61 24.7 20.0 30.0
87 13.8 10.5 15.7

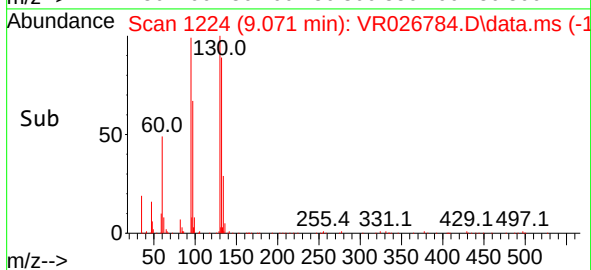
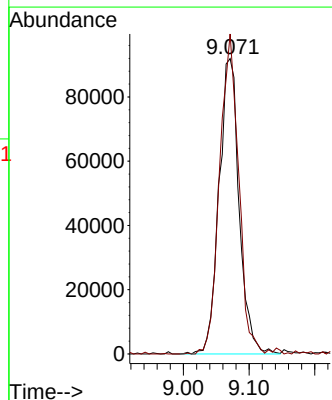
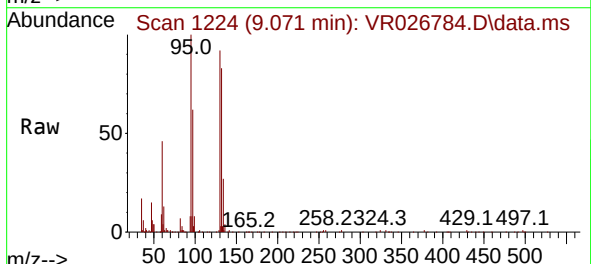
Manual Integrations
APPROVED

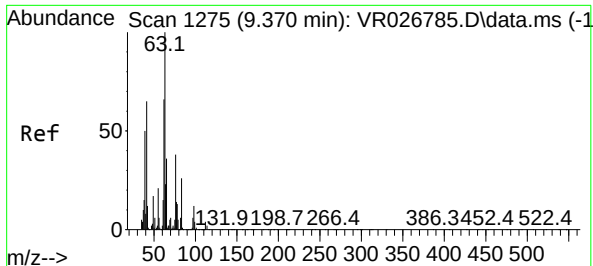
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#44
Trichloroethene
Concen: 19.183 ug/l
RT: 9.071 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

Tgt Ion:130 Resp: 195669
Ion Ratio Lower Upper
130 100
95 108.4 0.0 198.6





#45

1,2-Dichloropropane

Concen: 19.632 ug/l

RT: 9.371 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VR026784.D

Acq: 22 Oct 2025 14:18

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 21911

Ion Ratio Lower Upper

63 100

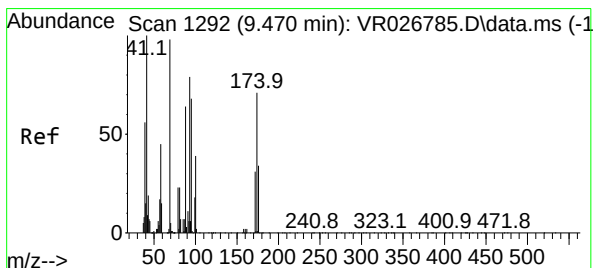
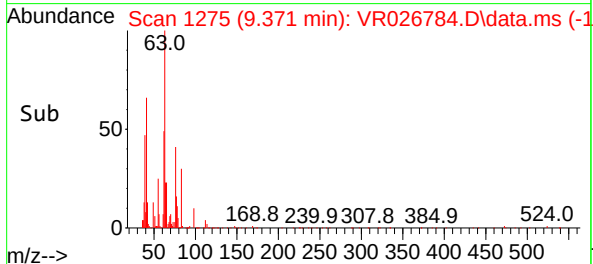
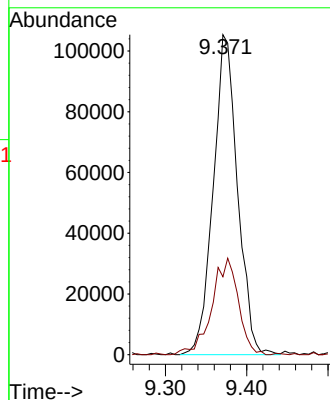
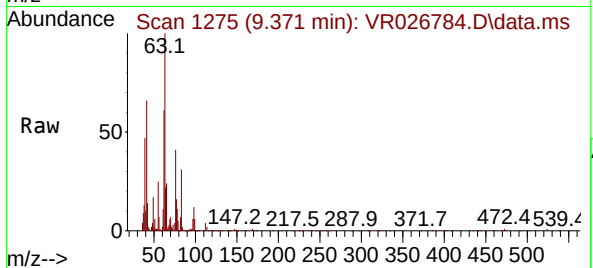
65 24.1 28.6 43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#46

Dibromomethane

Concen: 19.928 ug/l

RT: 9.471 min Scan# 1292

Delta R.T. 0.000 min

Lab File: VR026784.D

Acq: 22 Oct 2025 14:18

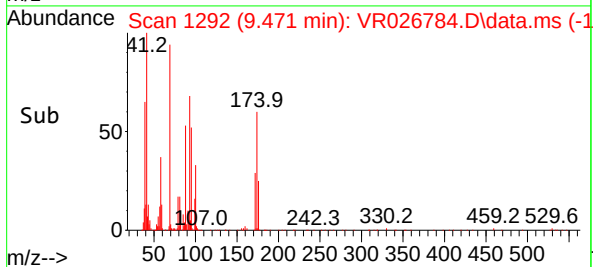
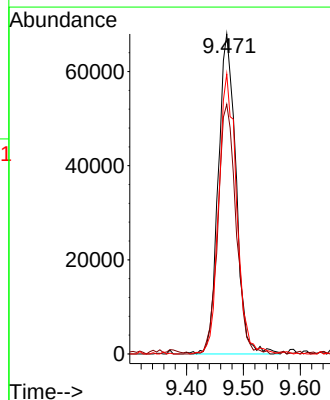
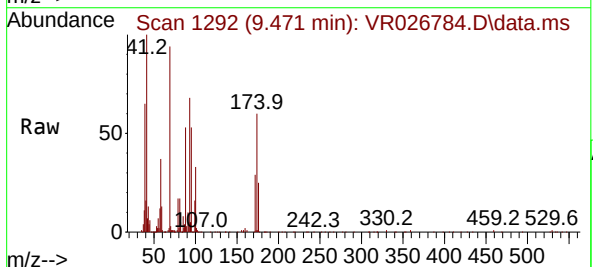
Tgt Ion: 93 Resp: 147618

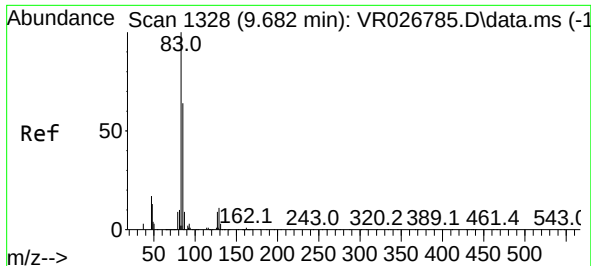
Ion Ratio Lower Upper

93 100

95 79.4 67.0 100.4

174 87.9 71.1 106.7





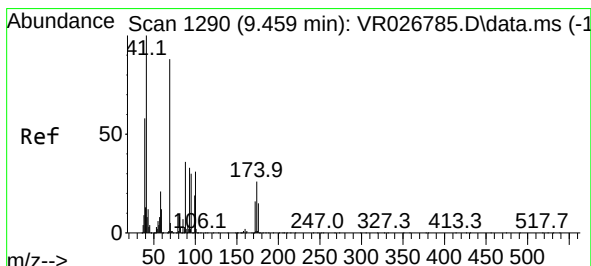
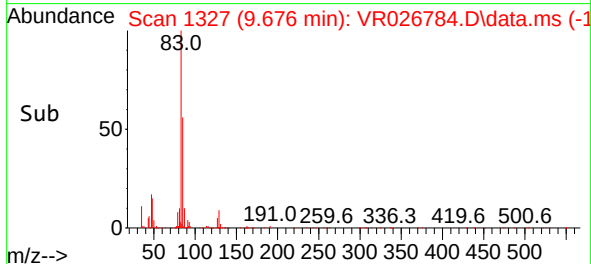
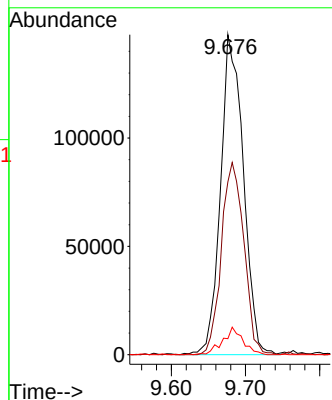
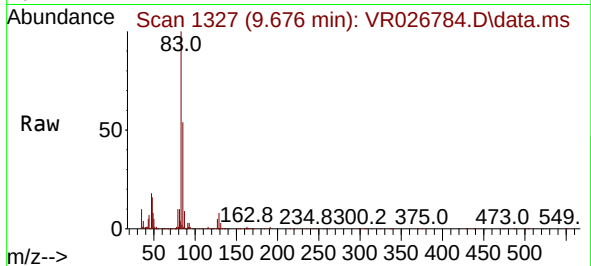
#47
Bromodichloromethane
Concen: 20.453 ug/l
RT: 9.676 min Scan# 1327
Delta R.T. -0.006 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 315204
Ion Ratio Lower Upper
83 100
85 54.0 51.0 76.4
127 5.0 6.9 10.3

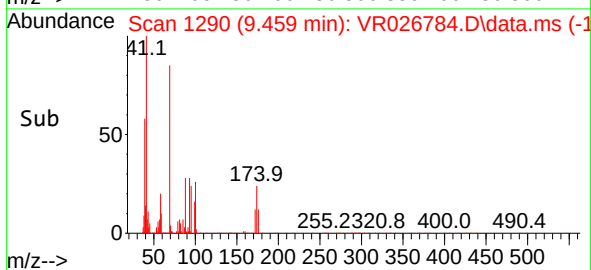
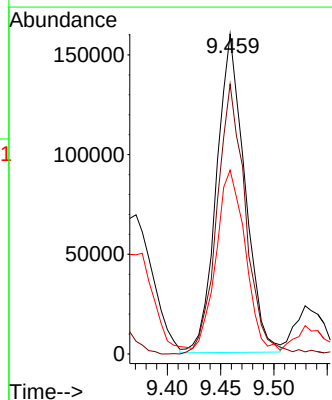
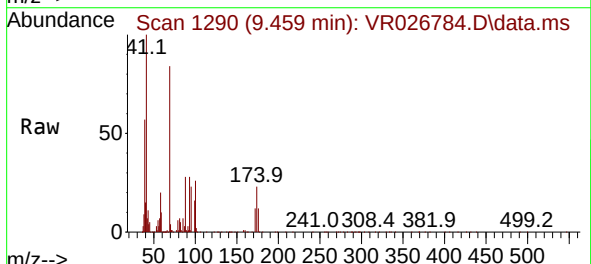
Manual Integrations
APPROVED

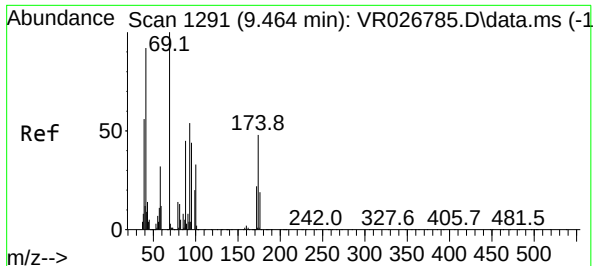
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#48
Methyl methacrylate
Concen: 20.057 ug/l
RT: 9.459 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

Tgt Ion: 41 Resp: 294992
Ion Ratio Lower Upper
41 100
69 85.1 70.2 105.4
39 60.3 48.7 73.1





#49

1,4-Dioxane

Concen: 374.847 ug/l

RT: 9.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VR026784.D

Acq: 22 Oct 2025 14:18

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 121320

Ion Ratio Lower Upper

88 100

43 29.9 23.4 35.2

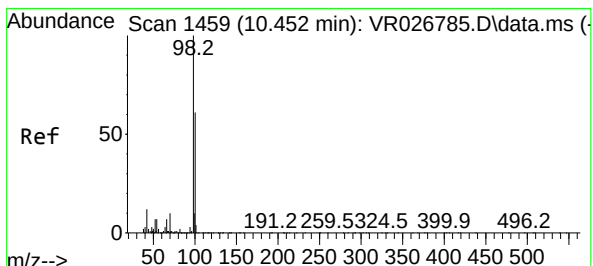
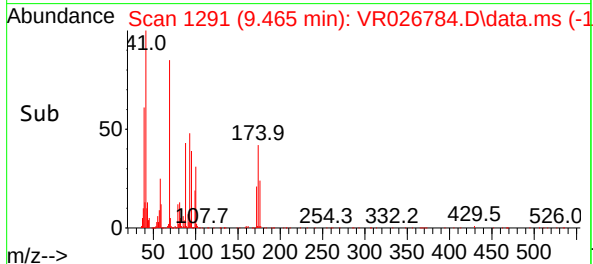
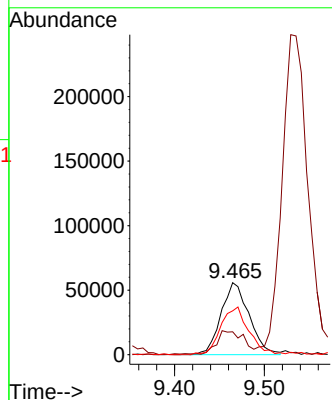
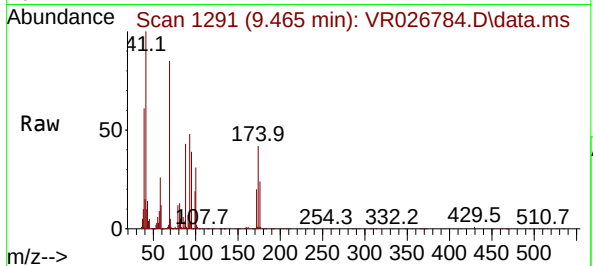
58 65.9 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#50

Toluene-d8

Concen: 18.697 ug/l

RT: 10.458 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VR026784.D

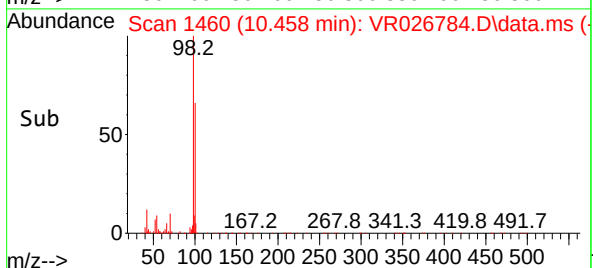
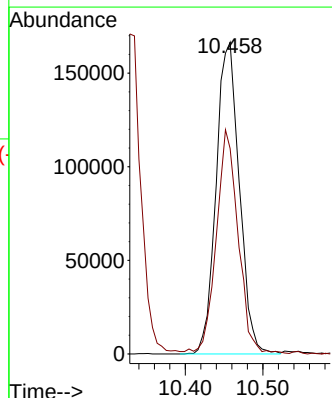
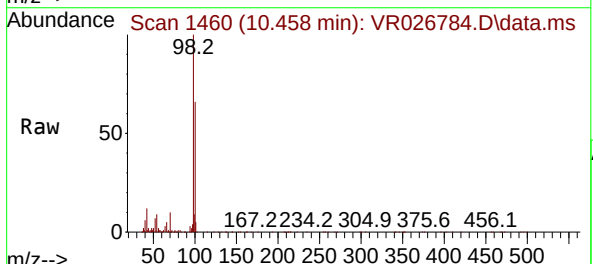
Acq: 22 Oct 2025 14:18

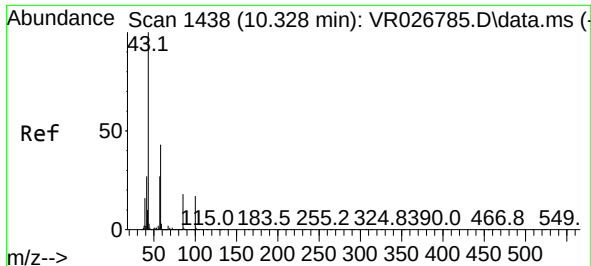
Tgt Ion: 98 Resp: 346455

Ion Ratio Lower Upper

98 100

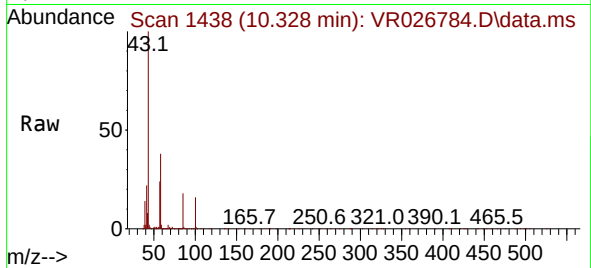
100 67.4 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 101.193 ug/l
RT: 10.328 min Scan# 1438
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

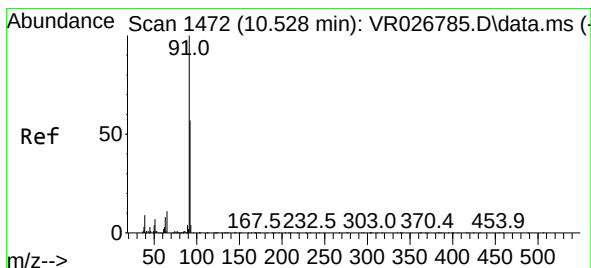
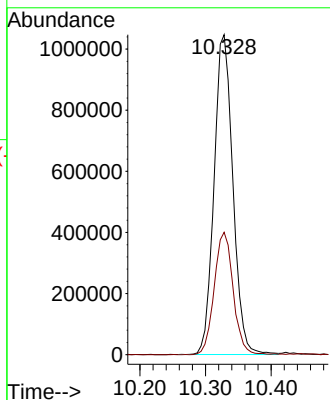
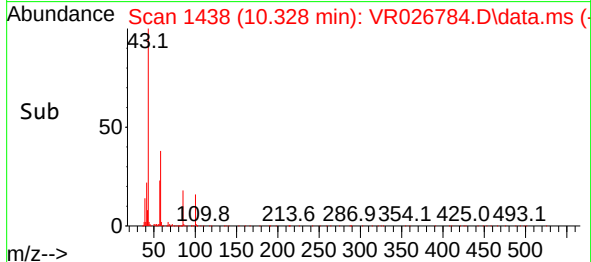
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 2076760
Ion Ratio Lower Upper
43 100
58 38.6 33.1 49.7

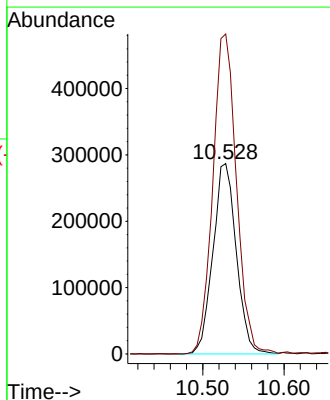
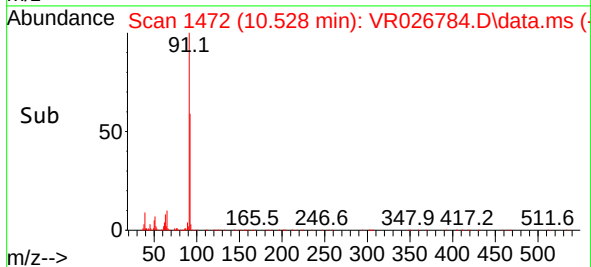
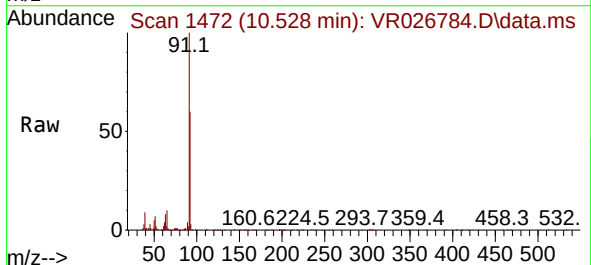
Manual Integrations
APPROVED

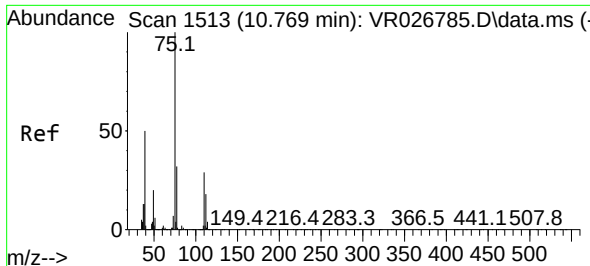
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#52
Toluene
Concen: 19.891 ug/l
RT: 10.528 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

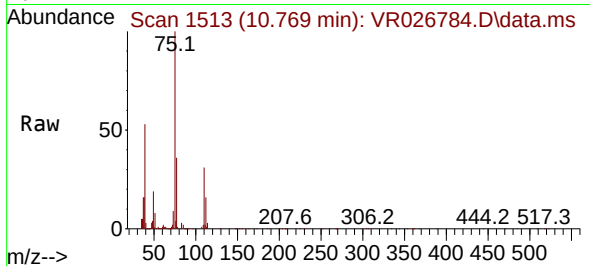
Tgt Ion: 92 Resp: 572714
Ion Ratio Lower Upper
92 100
91 170.0 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 19.243 ug/l
RT: 10.769 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

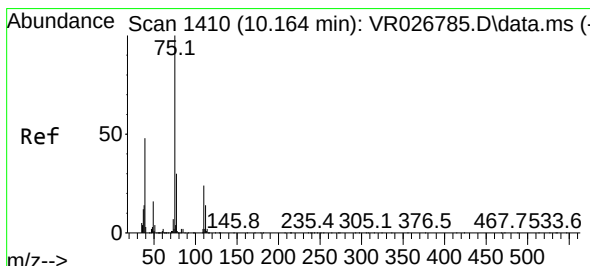
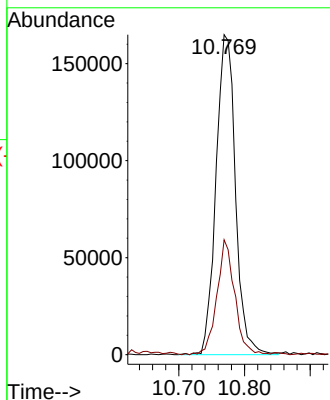
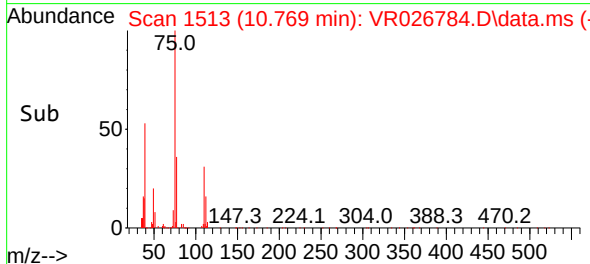
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020



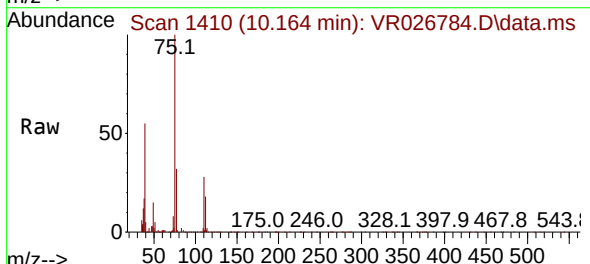
Tgt Ion: 75 Resp: 33838
Ion Ratio Lower Upper
75 100
77 35.7 25.4 38.2

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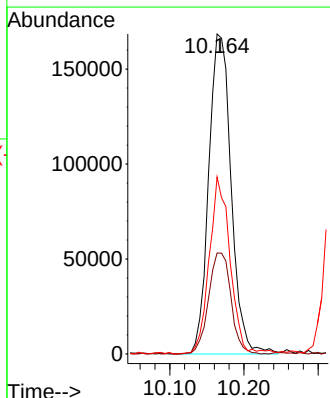
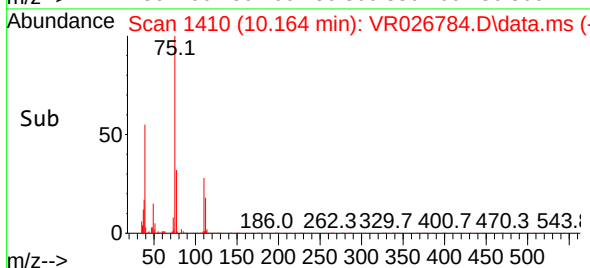
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

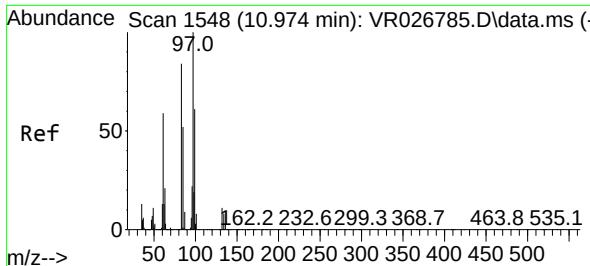


#54
cis-1,3-Dichloropropene
Concen: 19.350 ug/l
RT: 10.164 min Scan# 1410
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18



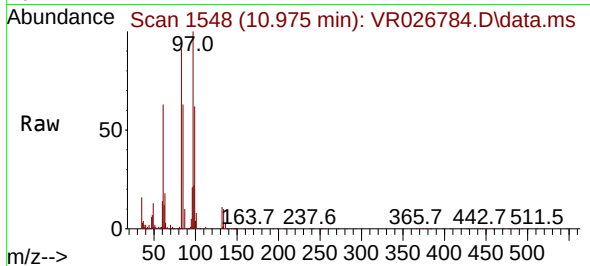
Tgt Ion: 75 Resp: 353996
Ion Ratio Lower Upper
75 100
77 31.5 23.7 35.5
39 55.3 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 19.307 ug/l
RT: 10.975 min Scan# 1548
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

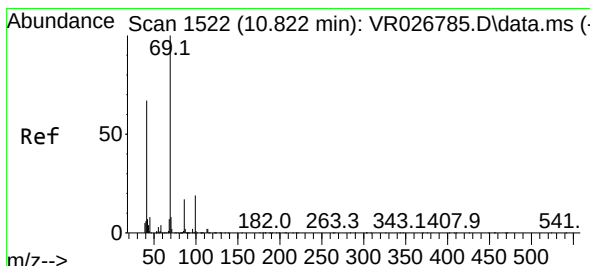
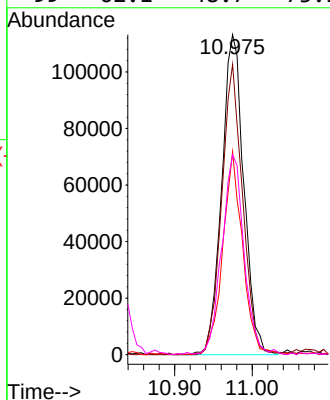
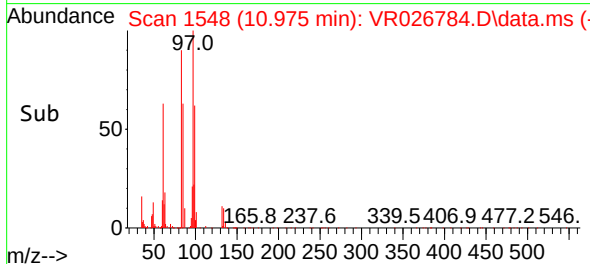
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020



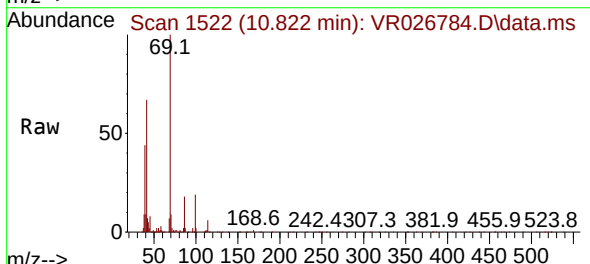
Tgt Ion: 97 Resp: 224579
Ion Ratio Lower Upper
97 100
83 90.7 67.0 100.6
85 63.3 41.8 62.8
99 62.1 48.7 73.1

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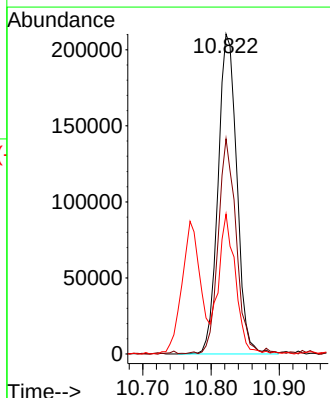
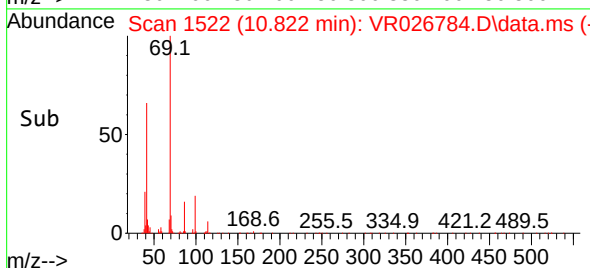
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

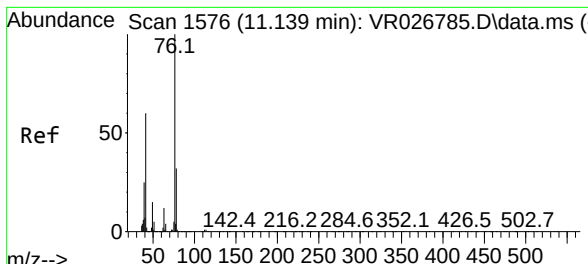


#56
Ethyl methacrylate
Concen: 18.720 ug/l
RT: 10.822 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18



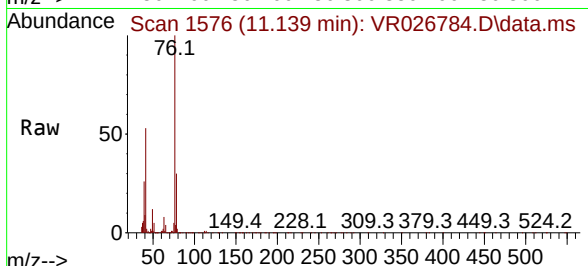
Tgt Ion: 69 Resp: 403140
Ion Ratio Lower Upper
69 100
41 63.9 52.7 79.1
39 39.1 30.6 46.0





#57
 1,3-Dichloropropane
 Concen: 19.705 ug/l
 RT: 11.139 min Scan# 1576
 Delta R.T. 0.000 min
 Lab File: VR026784.D
 Acq: 22 Oct 2025 14:18

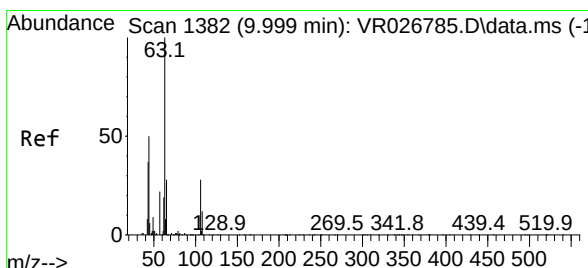
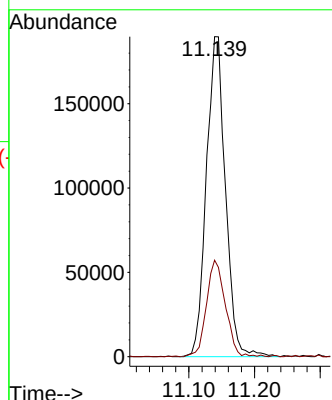
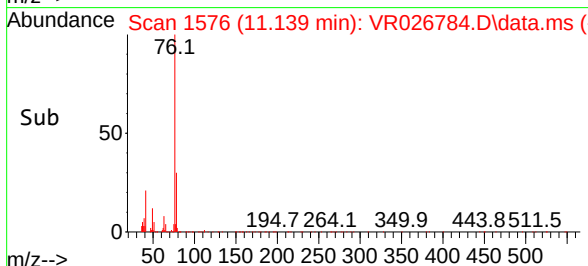
Instrument : MSVOA_R
 ClientSampleId : VSTDIC020



Tgt Ion: 76 Resp: 38443
 Ion Ratio Lower Upper
 76 100
 78 29.8 26.7 40.1

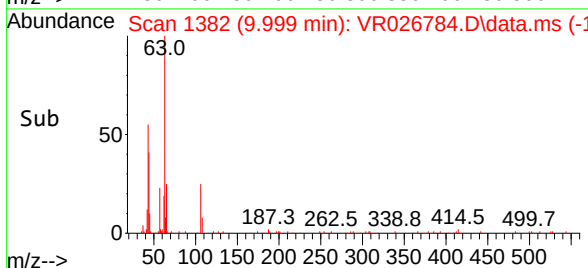
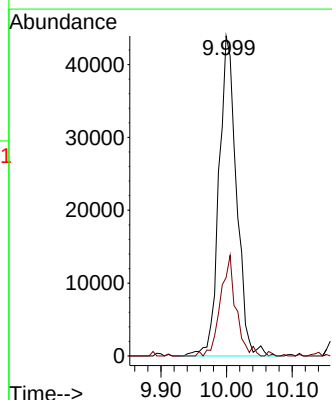
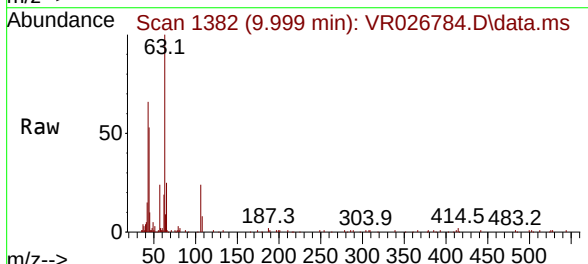
Manual Integrations
 APPROVED

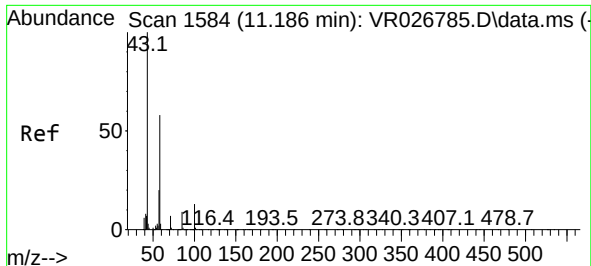
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.417 ug/l
 RT: 9.999 min Scan# 1382
 Delta R.T. 0.000 min
 Lab File: VR026784.D
 Acq: 22 Oct 2025 14:18

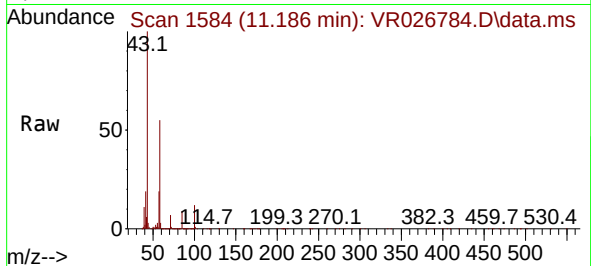
Tgt Ion: 63 Resp: 81427
 Ion Ratio Lower Upper
 63 100
 106 27.9 23.0 34.4





#59
2-Hexanone
Concen: 93.478 ug/l
RT: 11.186 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

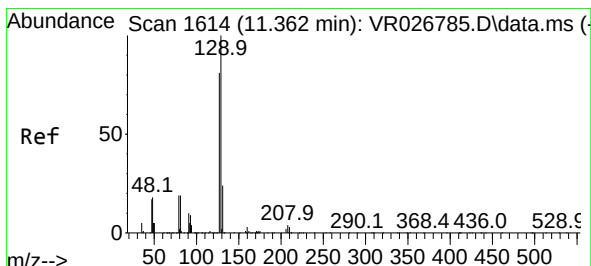
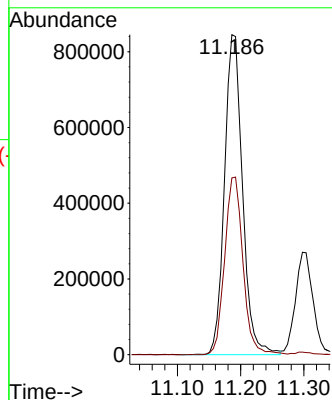
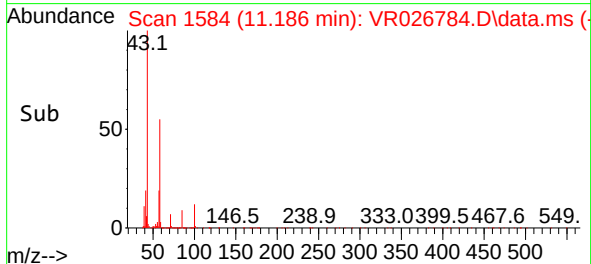
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC020



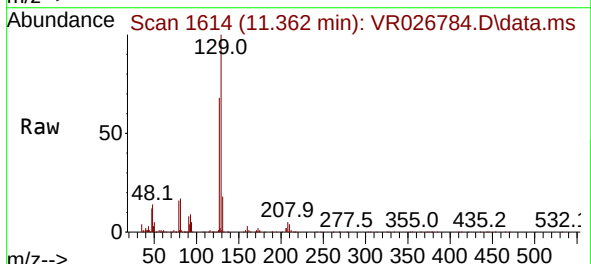
Tgt Ion: 43 Resp: 1677678
Ion Ratio Lower Upper
43 100
58 56.4 28.4 85.2

Manual Integrations
APPROVED

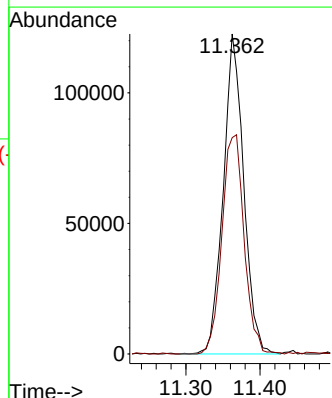
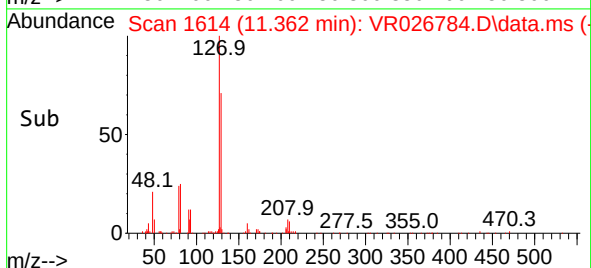
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

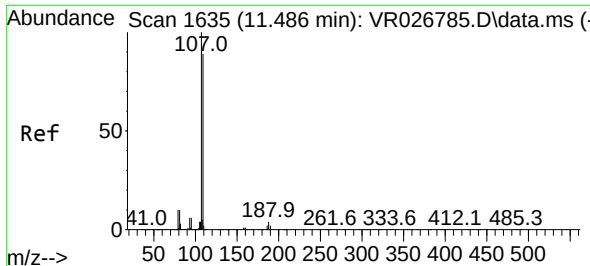


#60
Dibromochloromethane
Concen: 19.698 ug/l
RT: 11.362 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18



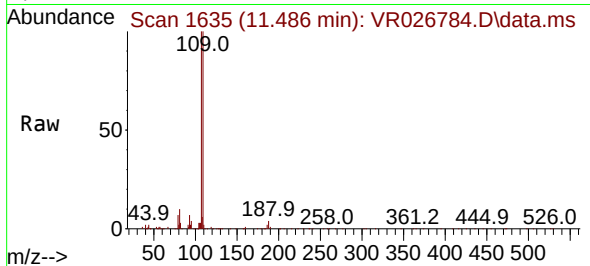
Tgt Ion:129 Resp: 234255
Ion Ratio Lower Upper
129 100
127 74.7 39.5 118.3





#61
1,2-Dibromoethane
Concen: 19.610 ug/l
RT: 11.486 min Scan# 1635
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

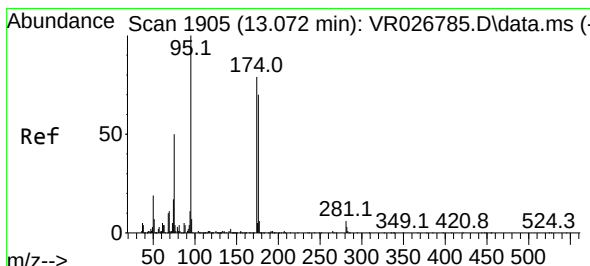
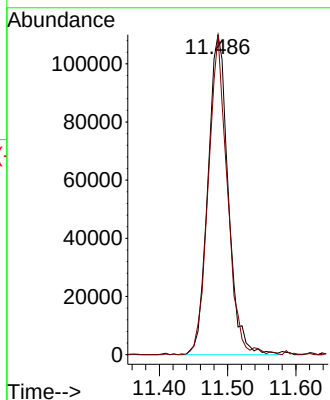
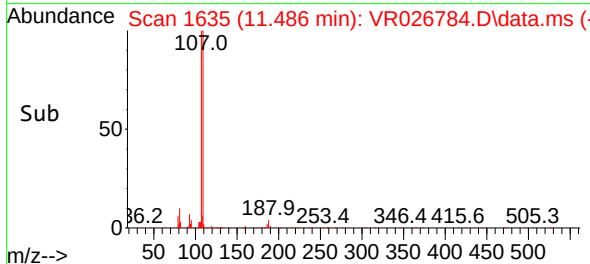
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020



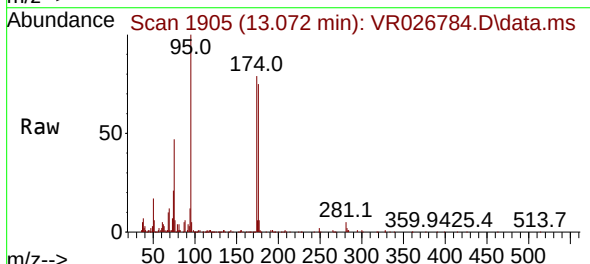
Tgt Ion:107 Resp: 226908
Ion Ratio Lower Upper
107 100
109 92.5 73.9 110.9

Manual Integrations
APPROVED

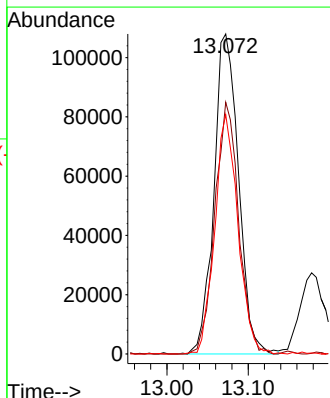
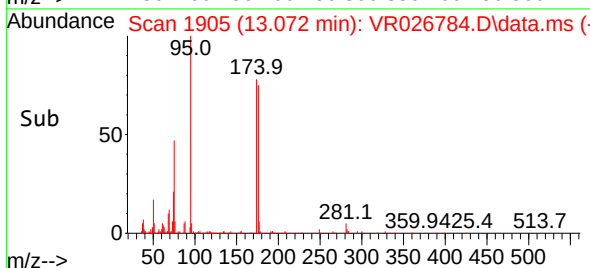
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

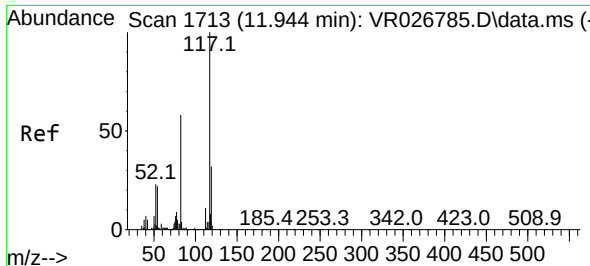


#62
4-Bromofluorobenzene
Concen: 18.607 ug/l
RT: 13.072 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18



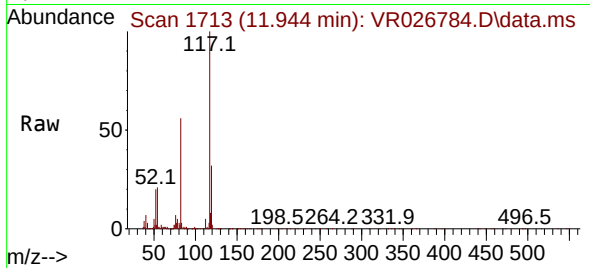
Tgt Ion: 95 Resp: 227028
Ion Ratio Lower Upper
95 100
174 76.2 0.0 150.0
176 70.8 0.0 149.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.944 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

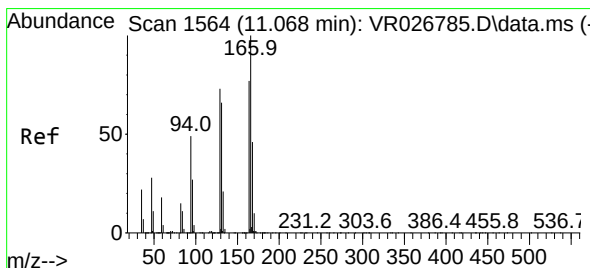
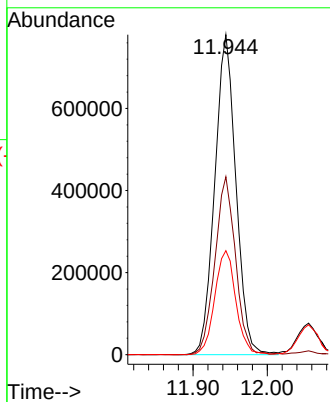
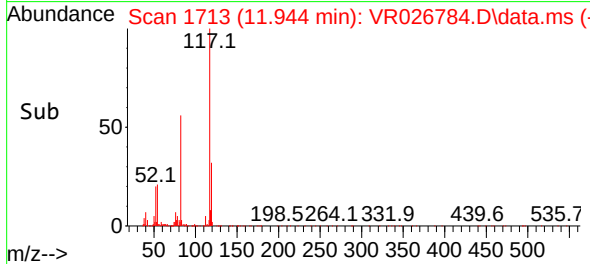
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020



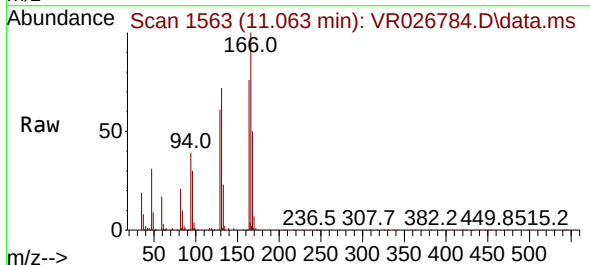
Tgt Ion:117 Resp: 154460
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.2
119 32.5 25.4 38.2

Manual Integrations
APPROVED

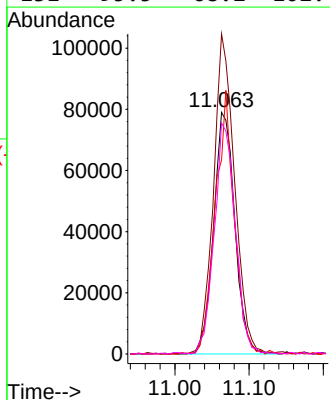
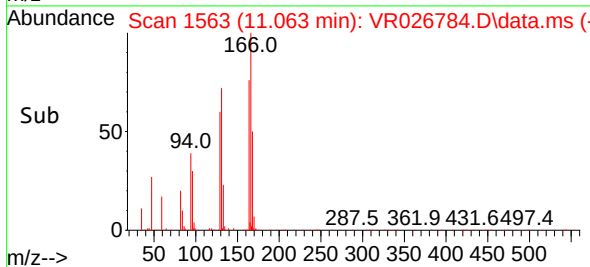
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

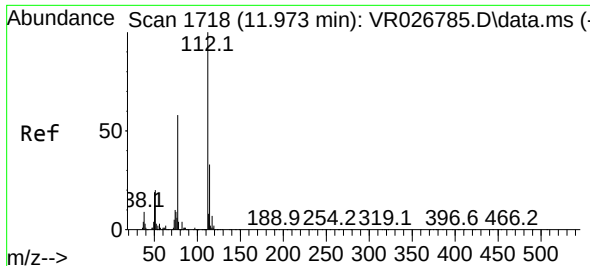


#64
Tetrachloroethene
Concen: 19.432 ug/l
RT: 11.063 min Scan# 1563
Delta R.T. -0.006 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18



Tgt Ion:164 Resp: 157630
Ion Ratio Lower Upper
164 100
166 132.4 103.8 155.8
129 80.3 76.0 114.0
131 95.5 68.2 102.4





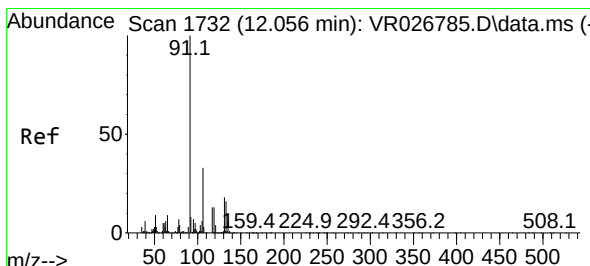
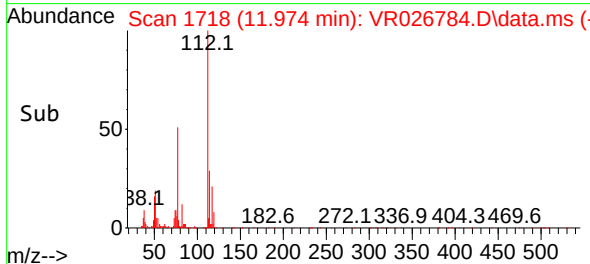
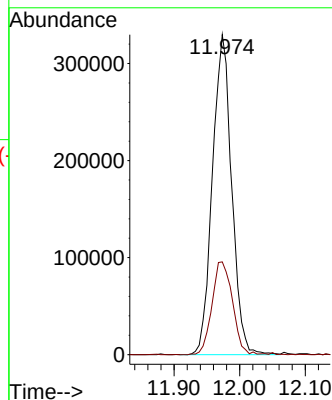
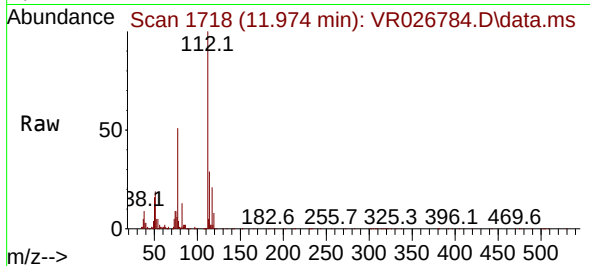
#65
Chlorobenzene
Concen: 19.535 ug/l
RT: 11.974 min Scan# 1718
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 671404
Ion Ratio Lower Upper
112 100
114 29.0 26.2 39.2

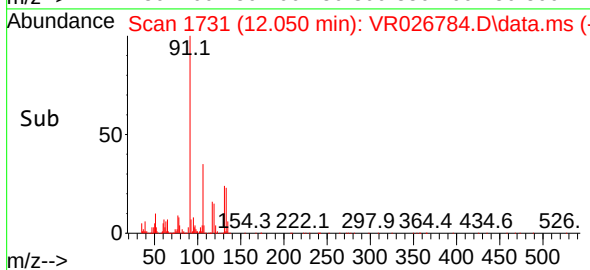
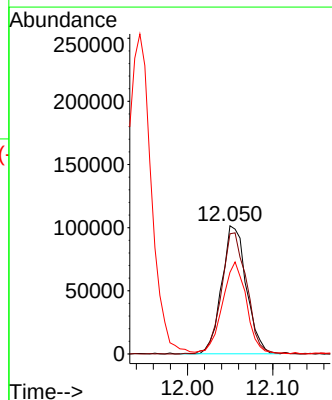
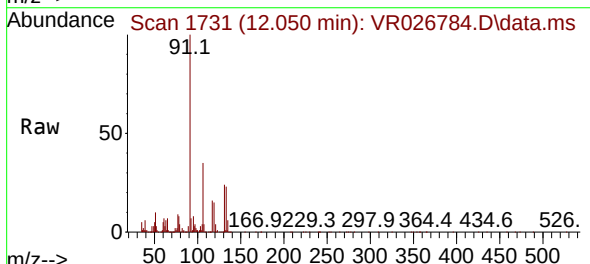
Manual Integrations
APPROVED

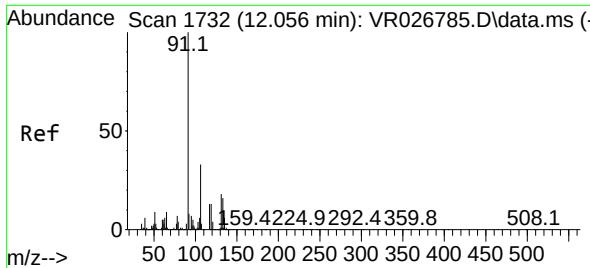
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.135 ug/l
RT: 12.050 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

Tgt Ion:131 Resp: 202807
Ion Ratio Lower Upper
131 100
133 97.1 47.3 141.9
119 70.3 33.9 101.7





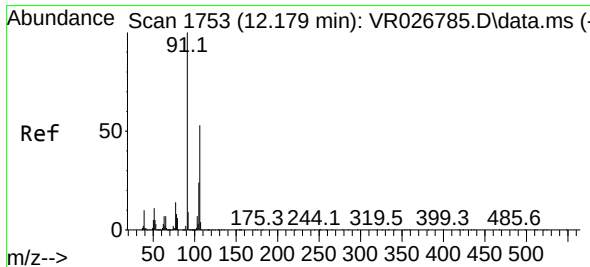
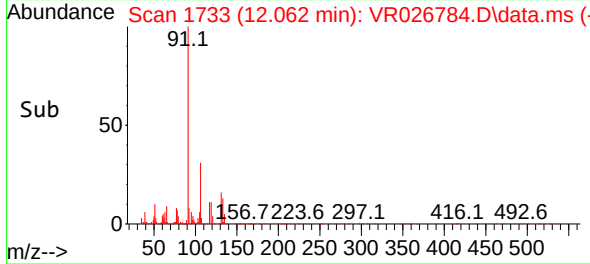
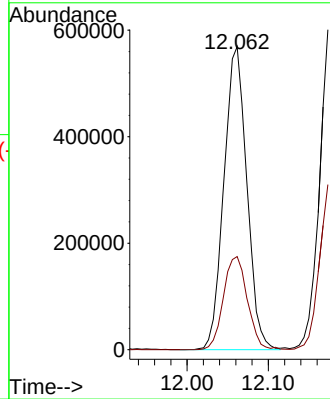
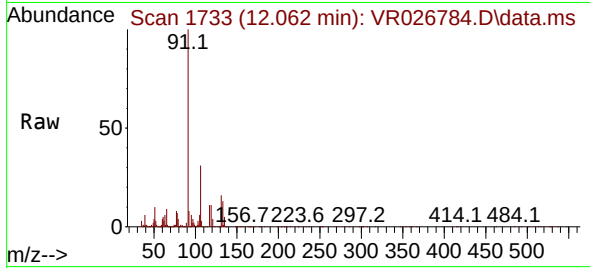
#67
Ethyl Benzene
Concen: 19.378 ug/l
RT: 12.062 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

Instrument :
MSVOA_R
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 111461
Ion Ratio Lower Upper
91 100
106 30.7 26.8 40.2

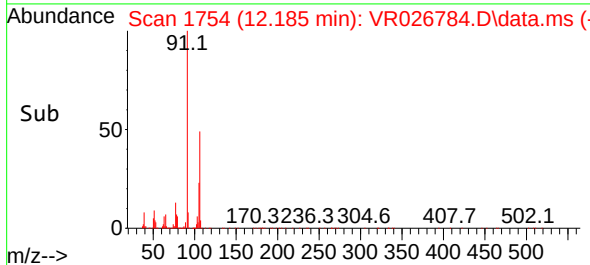
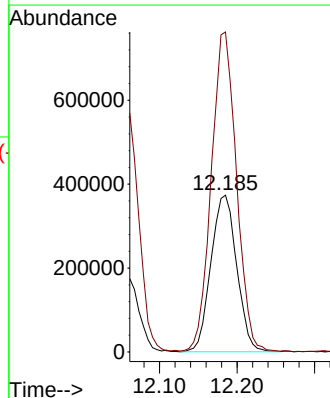
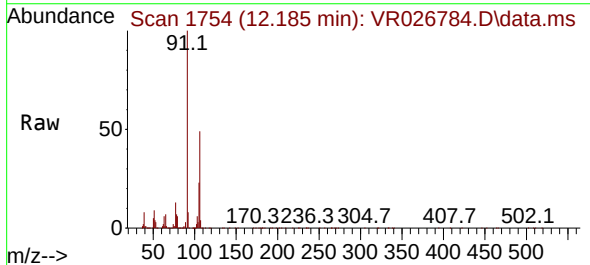
Manual Integrations
APPROVED

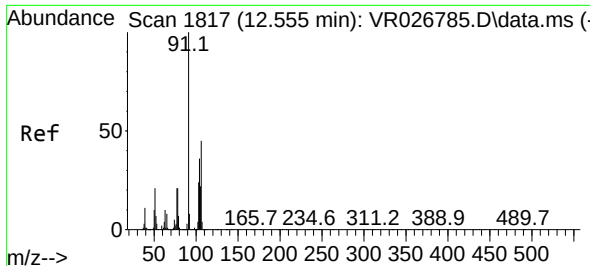
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#68
m/p-Xylenes
Concen: 38.184 ug/l
RT: 12.185 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

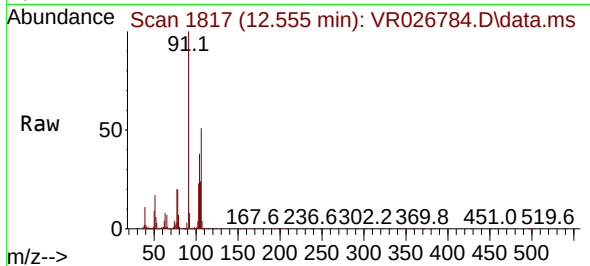
Tgt Ion:106 Resp: 861994
Ion Ratio Lower Upper
106 100
91 200.0 153.7 230.5





#69
o-Xylene
Concen: 19.383 ug/l
RT: 12.555 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

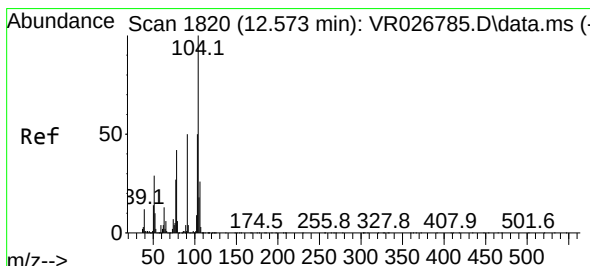
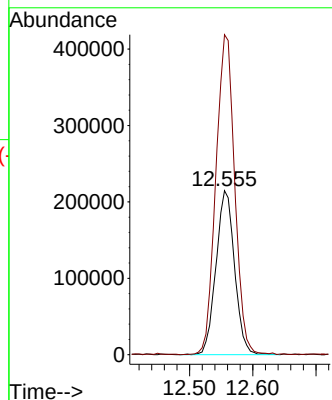
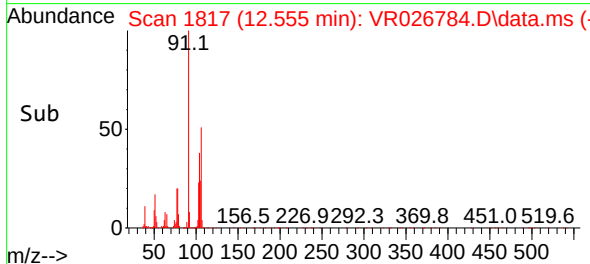
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC020



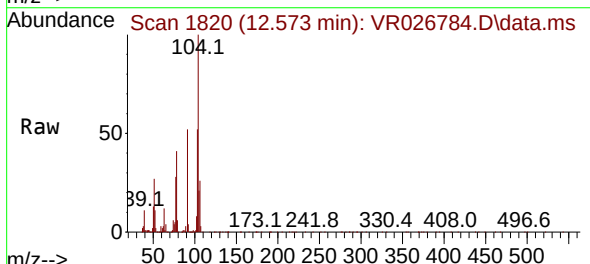
Tgt Ion:106 Resp: 43847
Ion Ratio Lower Upper
106 100
91 198.1 104.0 312.0

Manual Integrations
APPROVED

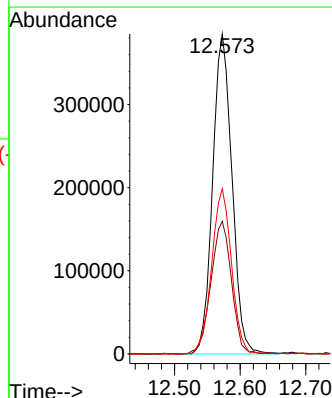
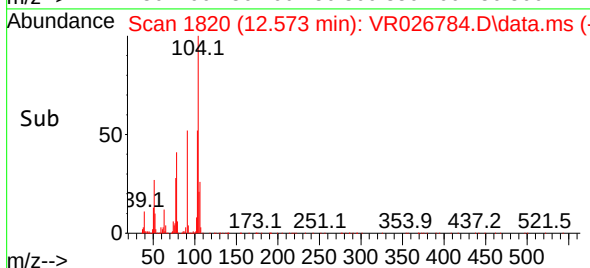
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

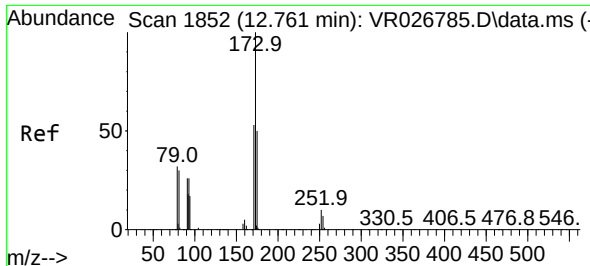


#70
Styrene
Concen: 19.019 ug/l
RT: 12.573 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18



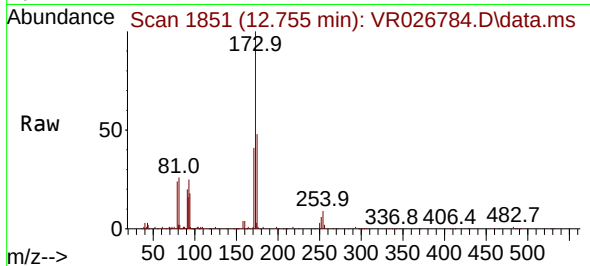
Tgt Ion:104 Resp: 787103
Ion Ratio Lower Upper
104 100
78 43.9 38.0 57.0
103 52.9 43.2 64.8





#71
Bromoform
Concen: 18.807 ug/l
RT: 12.755 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

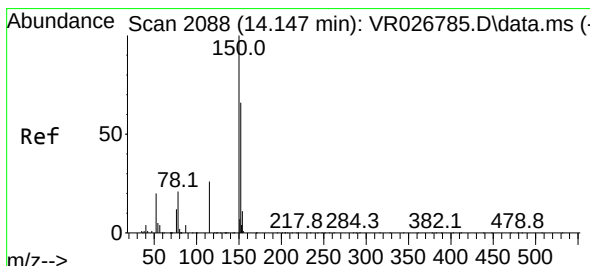
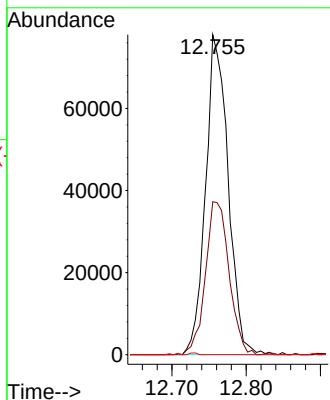
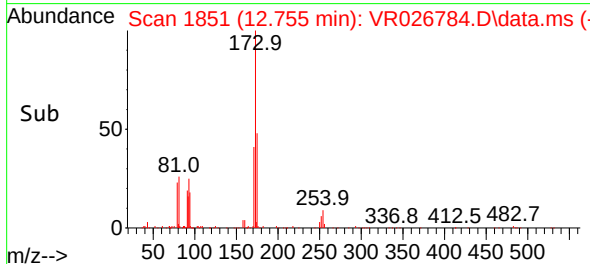
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020



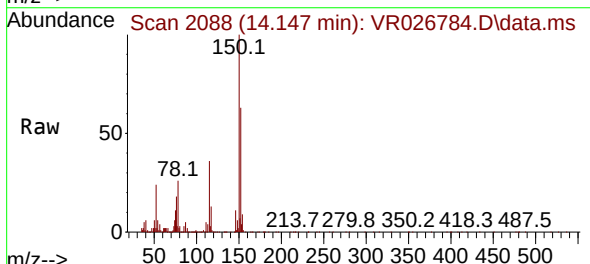
Tgt Ion:173 Resp: 164552
Ion Ratio Lower Upper
173 100
175 50.2 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

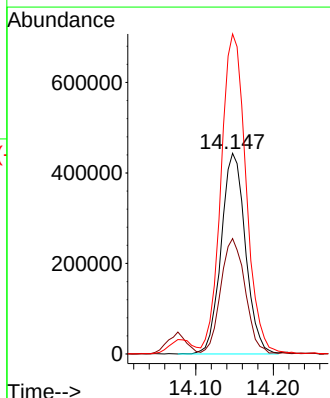
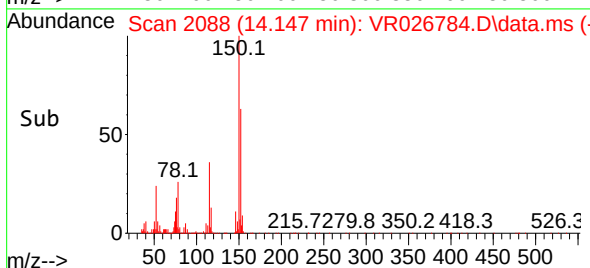
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

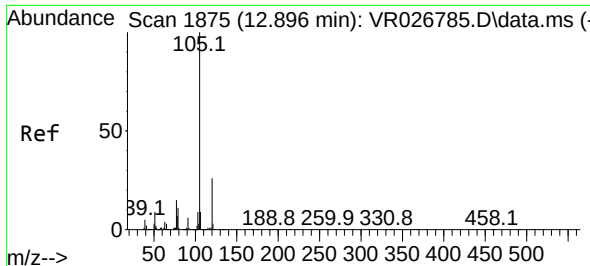


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.147 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18



Tgt Ion:152 Resp: 966271
Ion Ratio Lower Upper
152 100
115 57.8 29.9 89.7
150 163.4 0.0 340.0





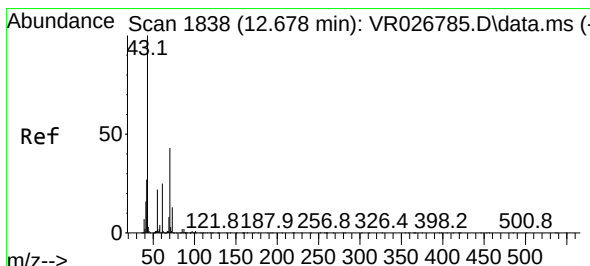
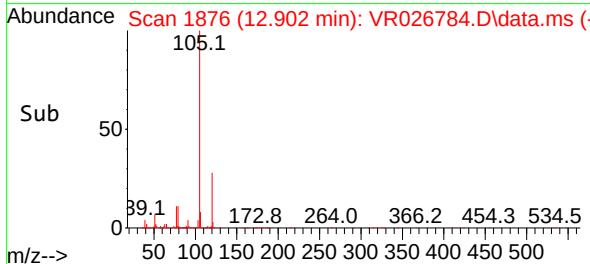
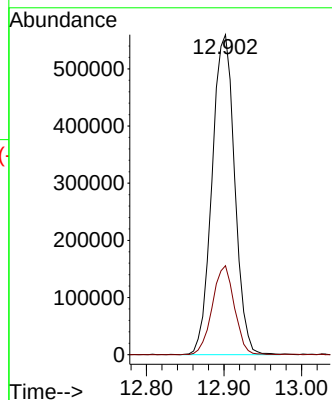
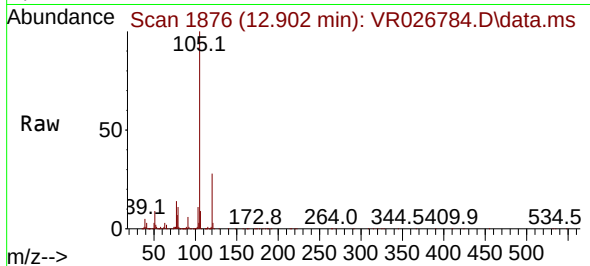
#73
Isopropylbenzene
Concen: 20.112 ug/l
RT: 12.902 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

Instrument :
MSVOA_R
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 113530
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.8

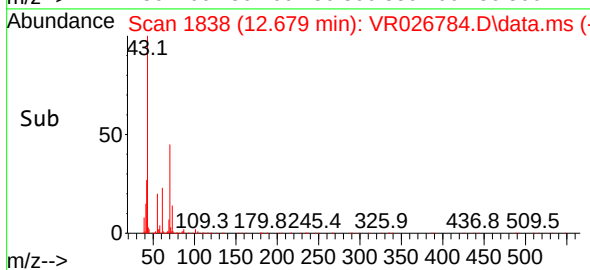
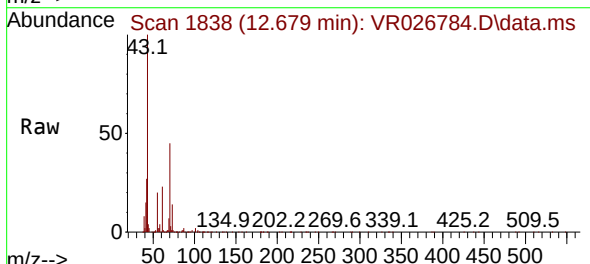
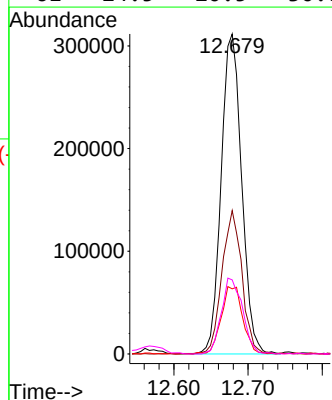
Manual Integrations
APPROVED

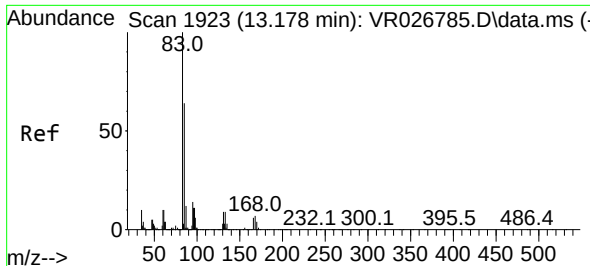
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#74
N-ethyl acetate
Concen: 18.990 ug/l
RT: 12.679 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

Tgt Ion: 43 Resp: 597601
Ion Ratio Lower Upper
43 100
70 43.8 35.2 52.8
55 22.2 17.8 26.6
61 24.5 20.5 30.7





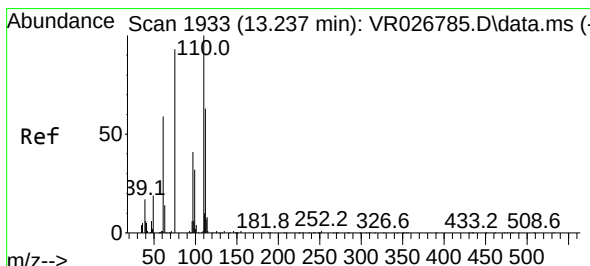
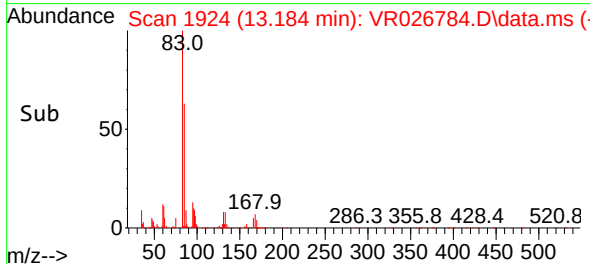
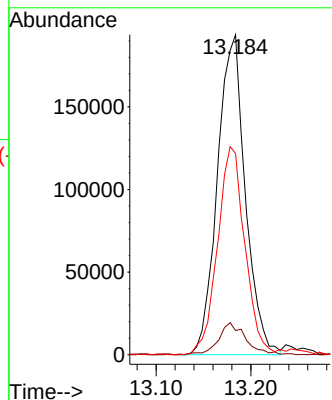
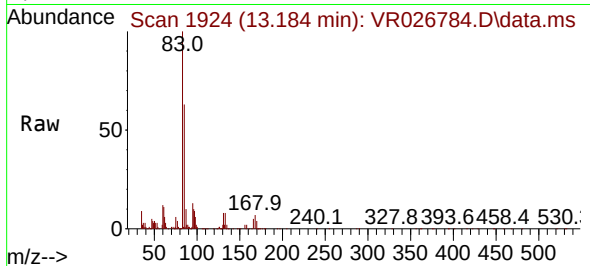
#75
1,1,2,2-Tetrachloroethane
Concen: 18.988 ug/l
RT: 13.184 min Scan# 1924
Delta R.T. 0.006 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

Instrument :
MSVOA_R
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 39644
Ion Ratio Lower Upper
83 100
131 9.8 4.4 13.2
85 63.5 32.4 97.0

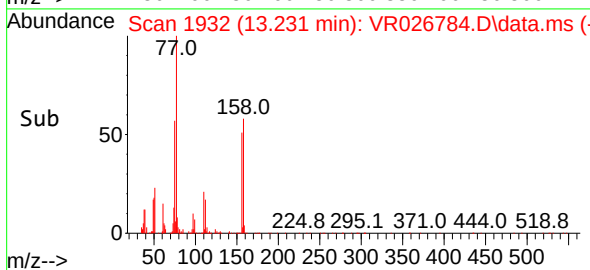
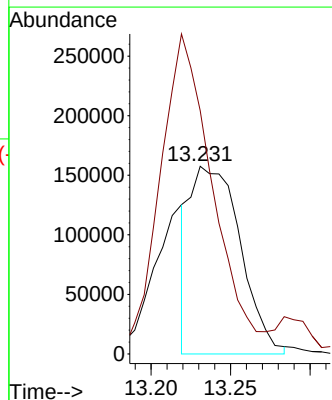
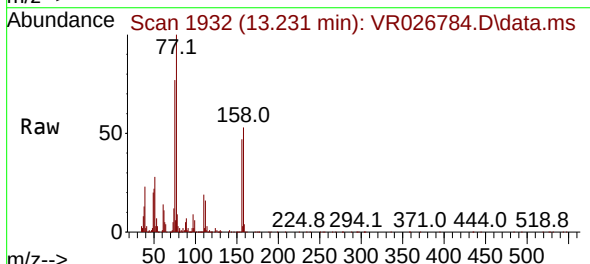
Manual Integrations
APPROVED

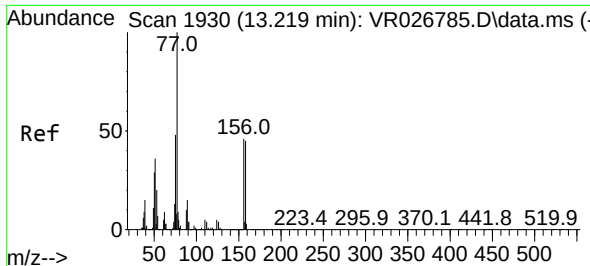
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#76
1,2,3-Trichloropropane
Concen: 19.670 ug/l m
RT: 13.231 min Scan# 1932
Delta R.T. -0.006 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

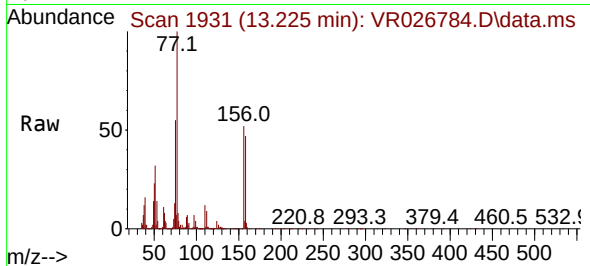
Tgt Ion: 75 Resp: 344353
Ion Ratio Lower Upper
75 100
77 179.8 87.9 263.7





#77
Bromobenzene
Concen: 19.802 ug/l
RT: 13.225 min Scan# 1931
Delta R.T. 0.006 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

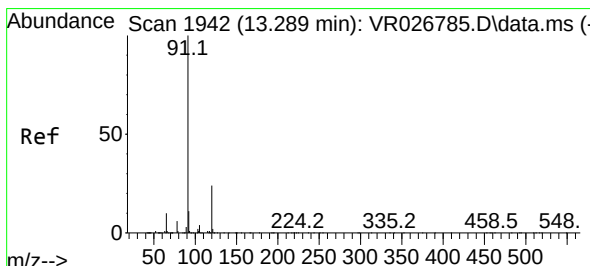
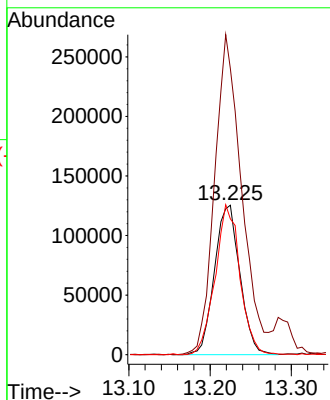
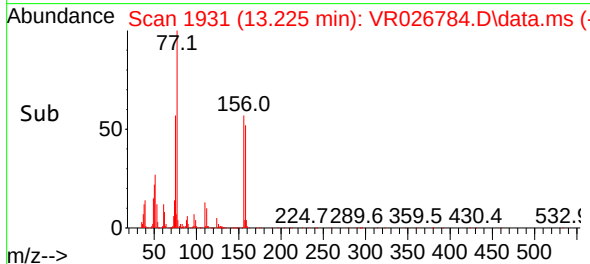
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020



Tgt Ion:156 Resp: 272919
Ion Ratio Lower Upper
156 100
77 226.9 120.5 361.5
158 97.9 49.6 148.8

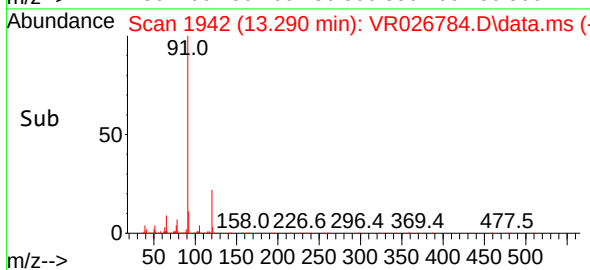
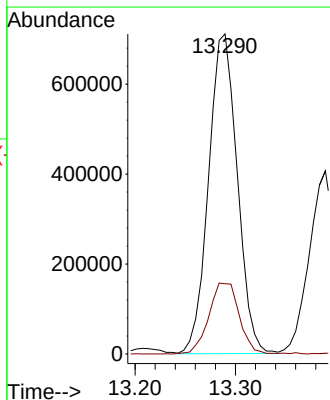
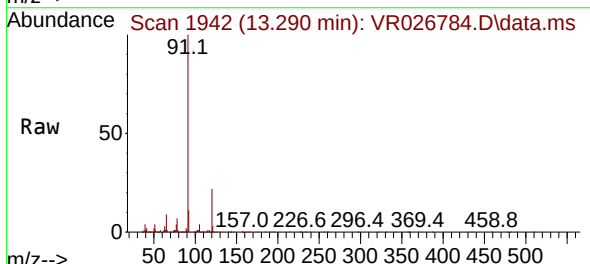
Manual Integrations
APPROVED

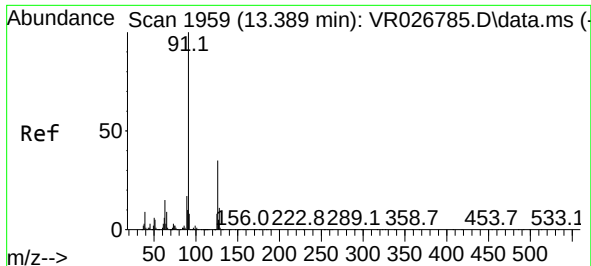
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#78
n-propylbenzene
Concen: 20.281 ug/l
RT: 13.290 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

Tgt Ion: 91 Resp: 1412876
Ion Ratio Lower Upper
91 100
120 23.4 11.7 35.1





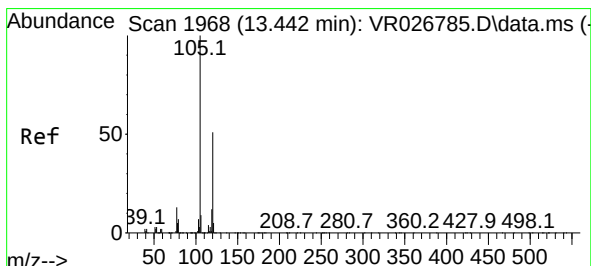
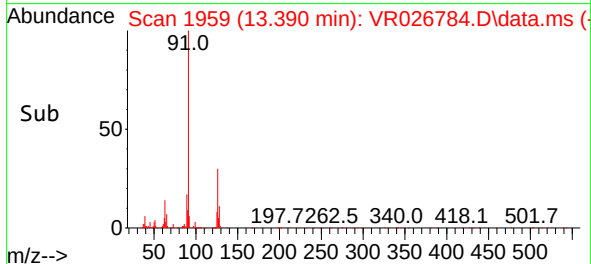
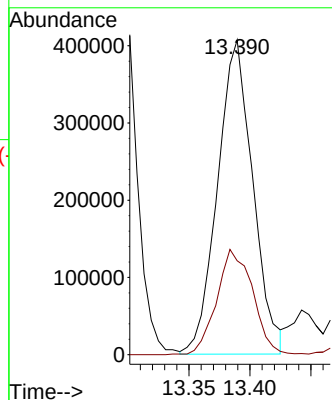
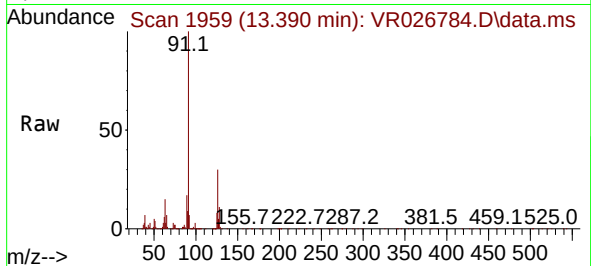
#79
2-Chlorotoluene
Concen: 19.686 ug/l
RT: 13.390 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 818462
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.5

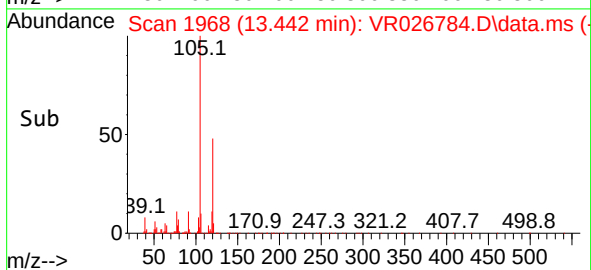
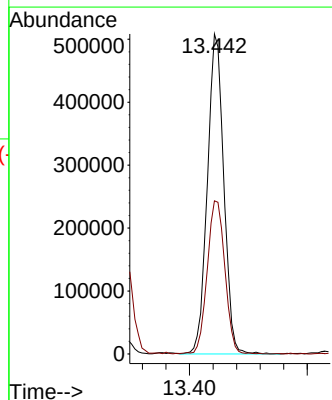
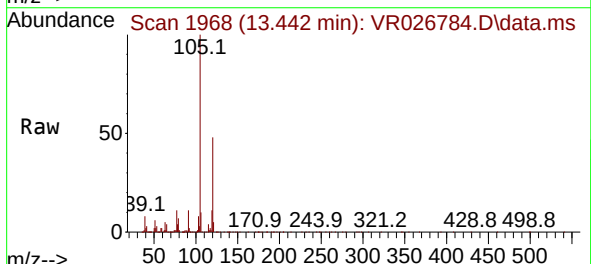
Manual Integrations
APPROVED

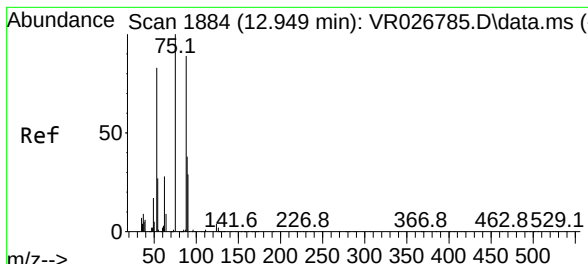
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.880 ug/l
RT: 13.442 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

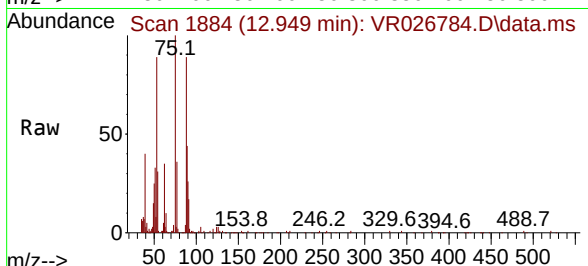
Tgt Ion:105 Resp: 985033
Ion Ratio Lower Upper
105 100
120 51.5 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 20.056 ug/l
RT: 12.949 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

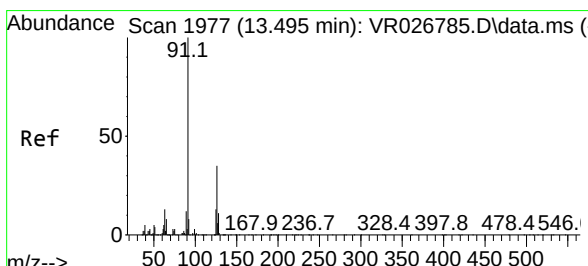
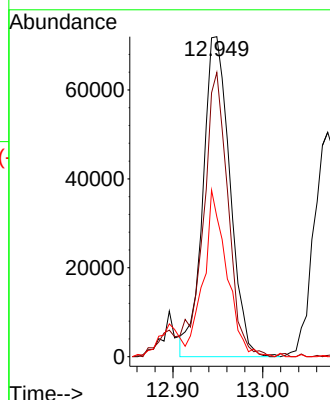
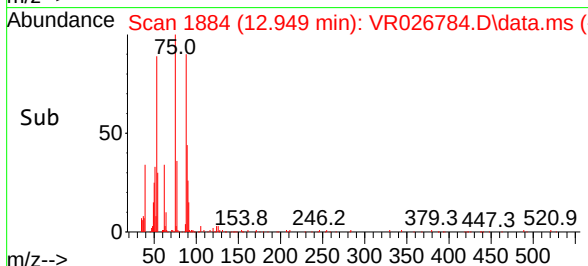
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 150250
Ion Ratio Lower Upper
75 100
53 81.8 72.6 109.0
89 44.7 36.2 54.2

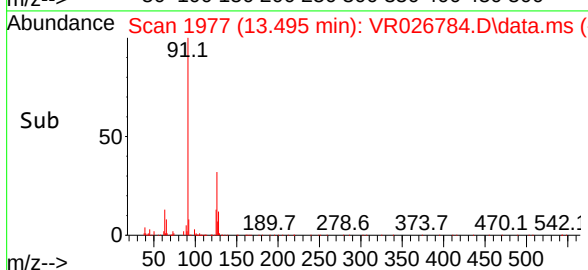
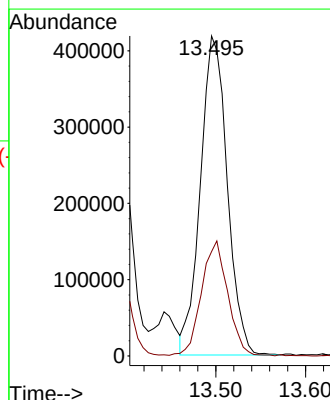
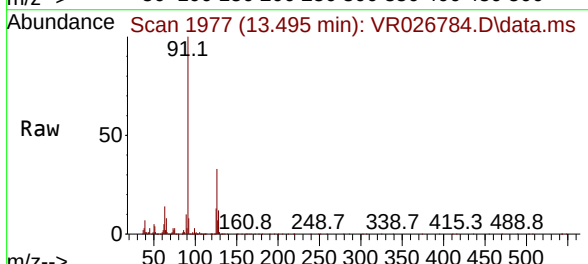
Manual Integrations
APPROVED

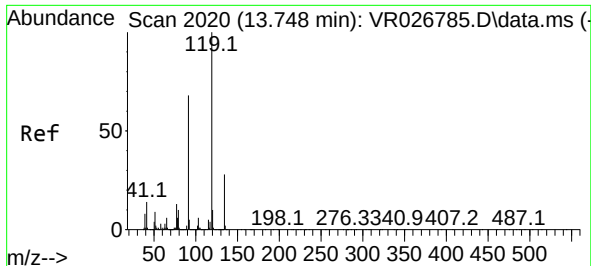
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#82
4-Chlorotoluene
Concen: 19.880 ug/l
RT: 13.495 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

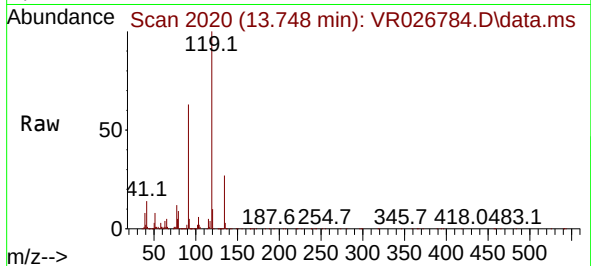
Tgt Ion: 91 Resp: 867589
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.5





#83
tert-Butylbenzene
Concen: 19.391 ug/l
RT: 13.748 min Scan# 2020
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

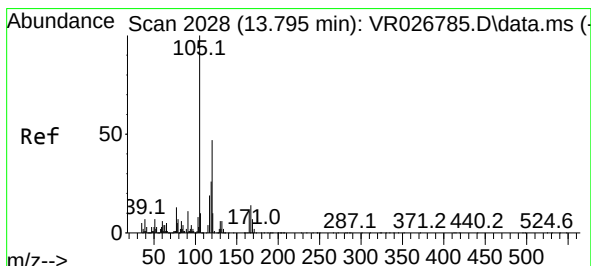
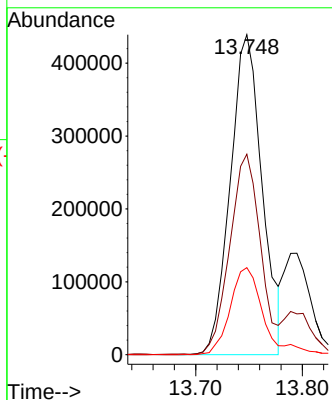
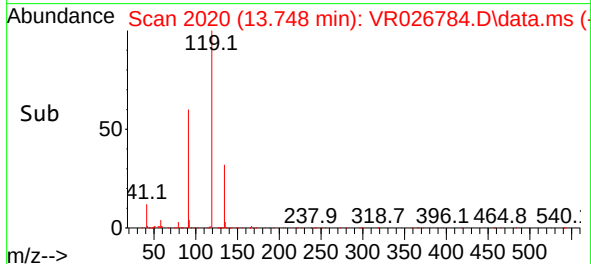
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020



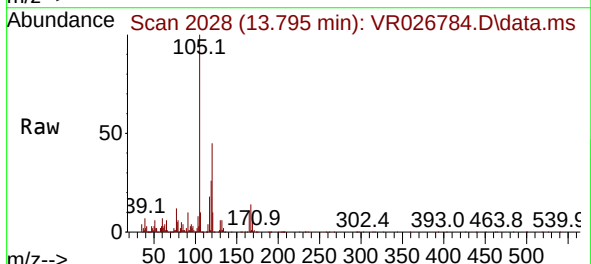
Tgt Ion:119 Resp: 911590
Ion Ratio Lower Upper
119 100
91 60.6 32.0 96.0
134 28.3 13.9 41.6

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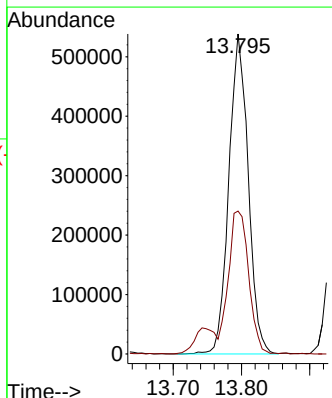
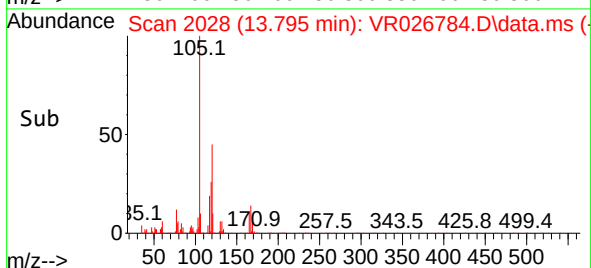
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

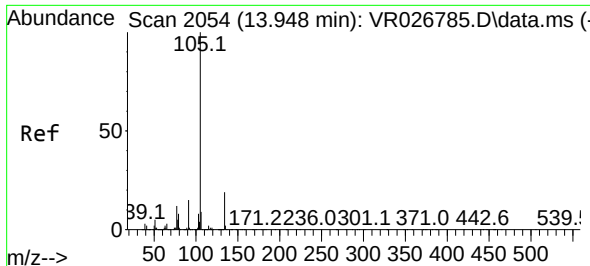


#84
1,2,4-Trimethylbenzene
Concen: 19.681 ug/l
RT: 13.795 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18



Tgt Ion:105 Resp: 1058809
Ion Ratio Lower Upper
105 100
120 46.6 23.6 71.0





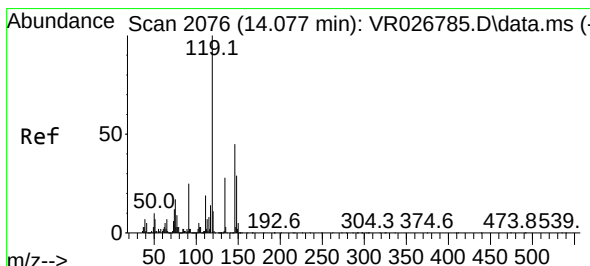
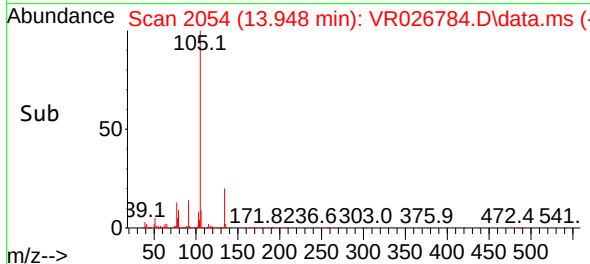
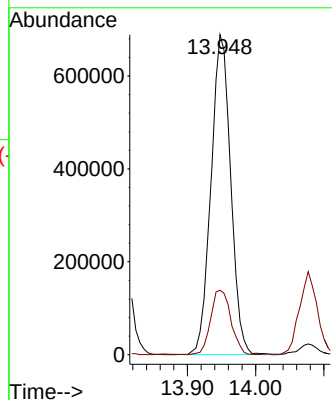
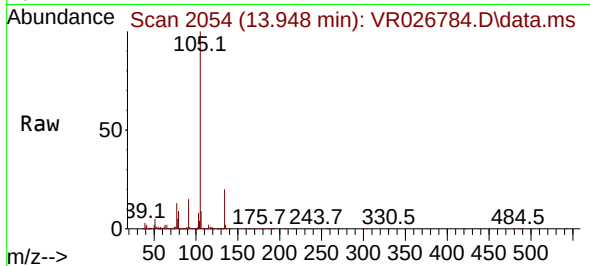
#85
 sec-Butylbenzene
 Concen: 20.393 ug/l
 RT: 13.948 min Scan# 2054
 Delta R.T. 0.000 min
 Lab File: VR026784.D
 Acq: 22 Oct 2025 14:18

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 1381134
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.1 30.3

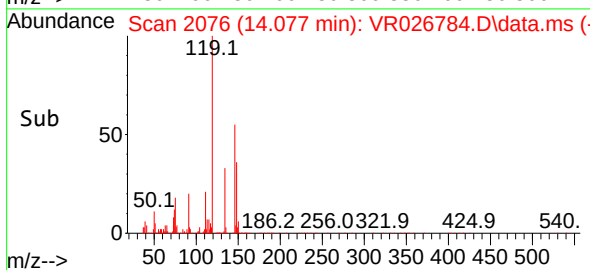
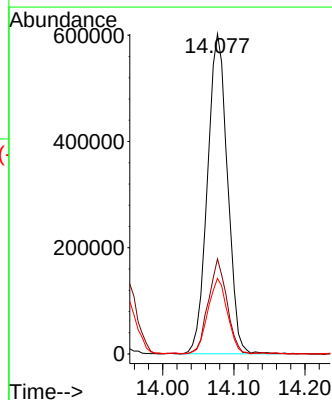
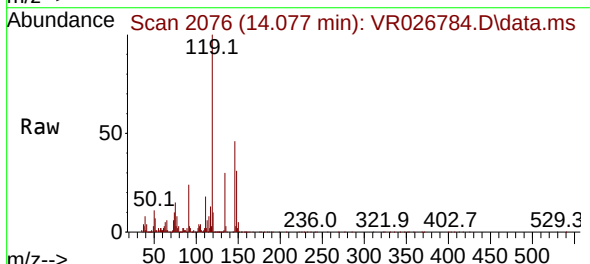
Manual Integrations
 APPROVED

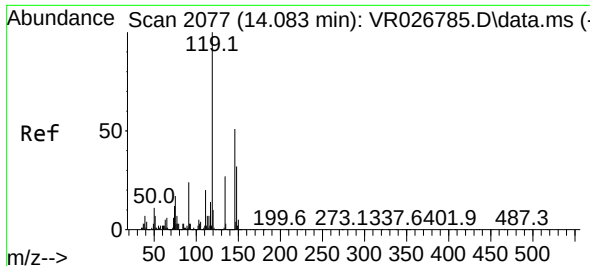
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#86
 p-Isopropyltoluene
 Concen: 20.038 ug/l
 RT: 14.077 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: VR026784.D
 Acq: 22 Oct 2025 14:18

Tgt Ion:119 Resp: 1177348
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.8 41.3
 91 23.0 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 19.771 ug/l

RT: 14.083 min Scan# 2077

Delta R.T. 0.000 min

Lab File: VR026784.D

Acq: 22 Oct 2025 14:18

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC020

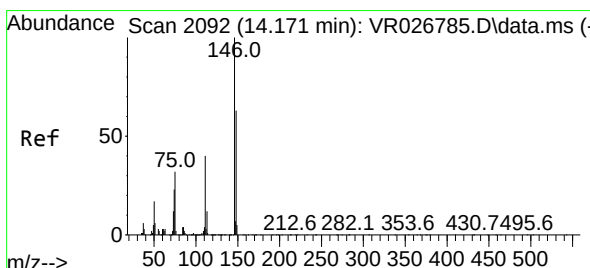
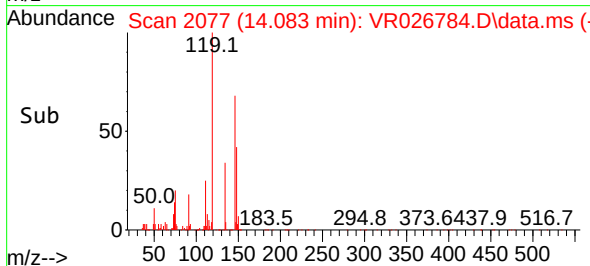
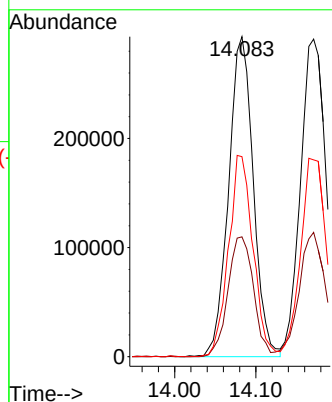
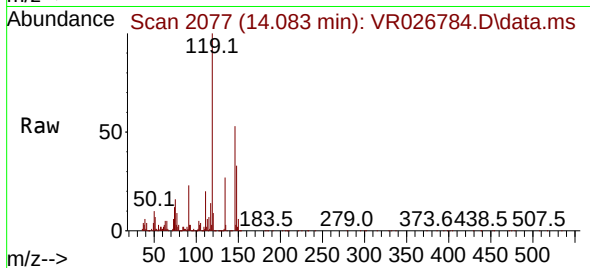
Tgt Ion:146 Resp: 619829
 Ion Ratio Lower Upper
 146 100
 111 38.9 20.3 60.8
 148 62.4 31.4 94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#88

1,4-Dichlorobenzene

Concen: 19.558 ug/l

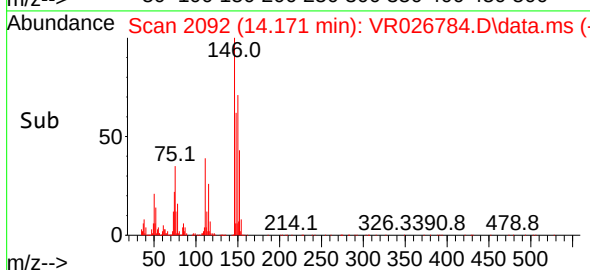
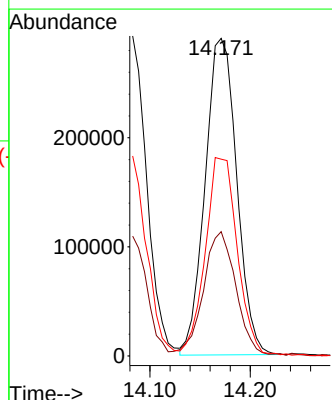
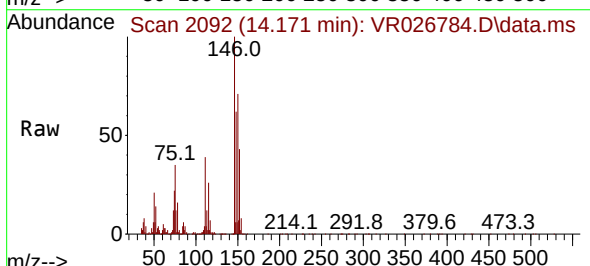
RT: 14.171 min Scan# 2092

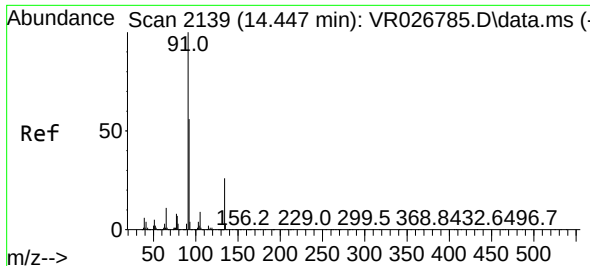
Delta R.T. 0.000 min

Lab File: VR026784.D

Acq: 22 Oct 2025 14:18

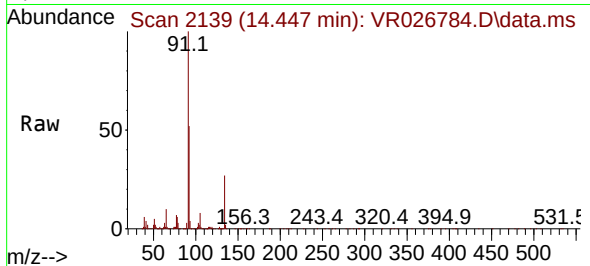
Tgt Ion:146 Resp: 636427
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.3 57.9
 148 63.6 31.5 94.5





#89
n-Butylbenzene
Concen: 19.841 ug/l
RT: 14.447 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

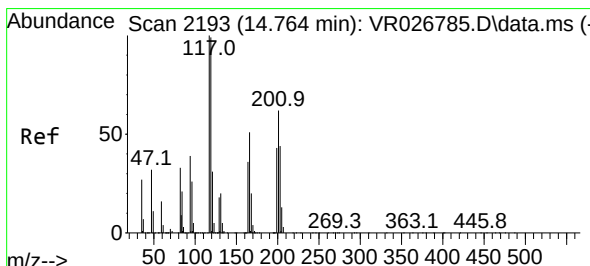
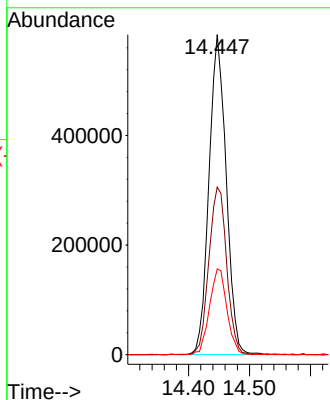
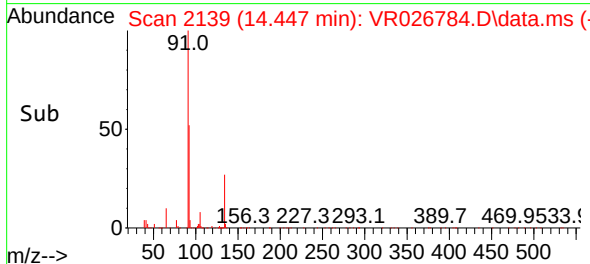
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 1140679
Ion Ratio Lower Upper
91 100
92 54.6 27.3 81.9
134 27.3 13.1 39.1

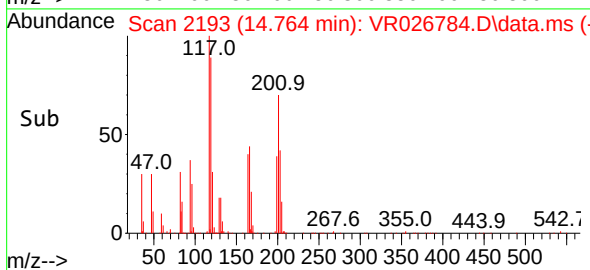
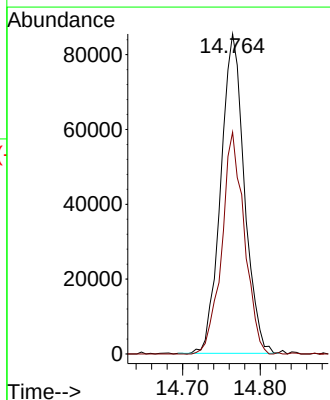
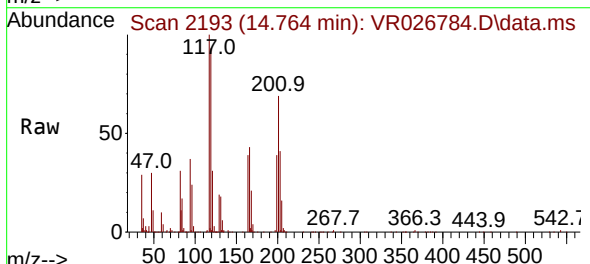
Manual Integrations
APPROVED

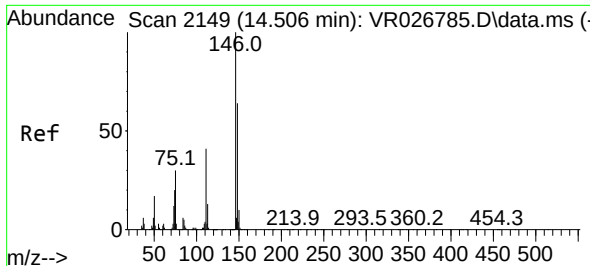
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#90
Hexachloroethane
Concen: 18.977 ug/l
RT: 14.764 min Scan# 2193
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

Tgt Ion:117 Resp: 180516
Ion Ratio Lower Upper
117 100
201 66.2 31.6 94.7





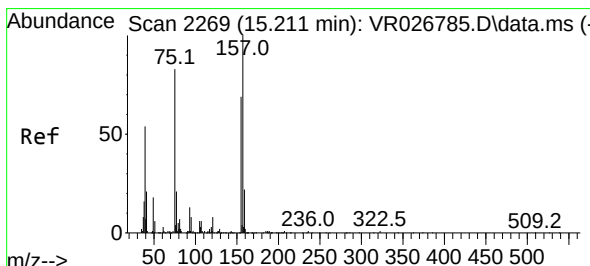
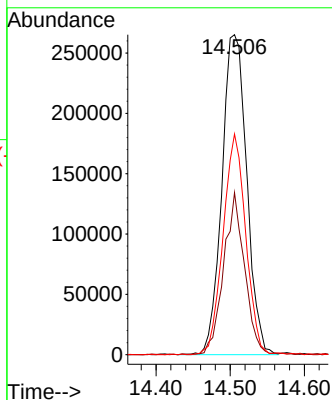
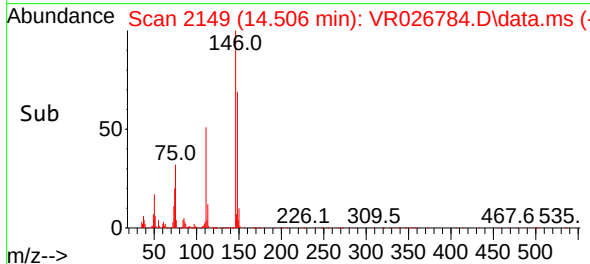
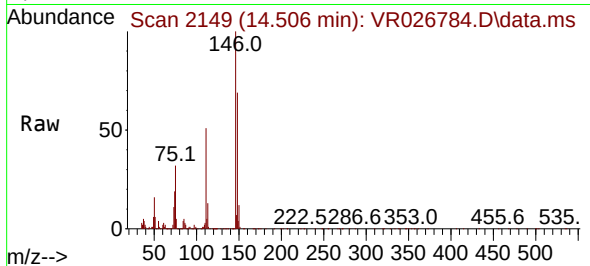
#91
1,2-Dichlorobenzene
Concen: 19.184 ug/l
RT: 14.506 min Scan# 2149
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

Instrument :
MSVOA_R
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 61649
Ion Ratio Lower Upper
146 100
111 42.8 20.3 60.9
148 62.8 32.1 96.3

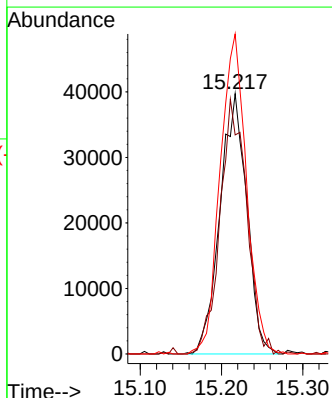
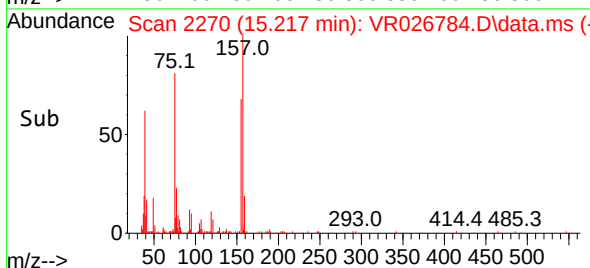
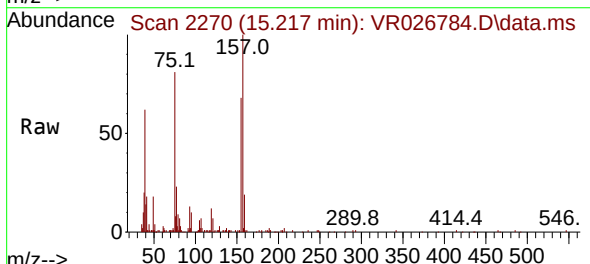
Manual Integrations
APPROVED

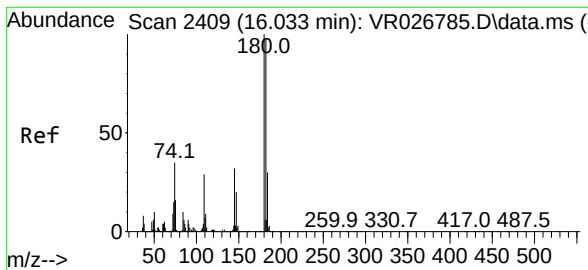
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.979 ug/l
RT: 15.217 min Scan# 2270
Delta R.T. 0.006 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

Tgt Ion: 75 Resp: 91104
Ion Ratio Lower Upper
75 100
155 97.2 45.4 136.1
157 120.7 59.1 177.2





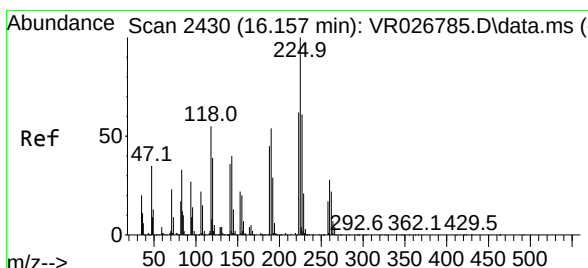
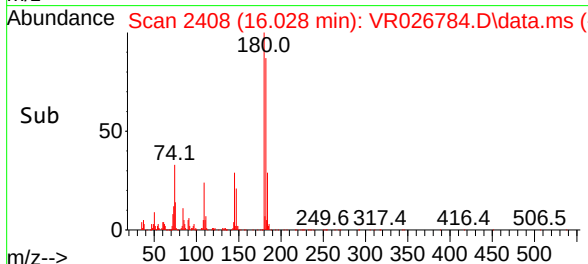
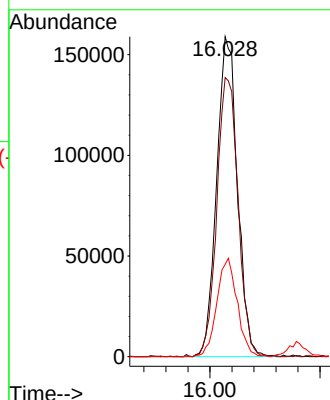
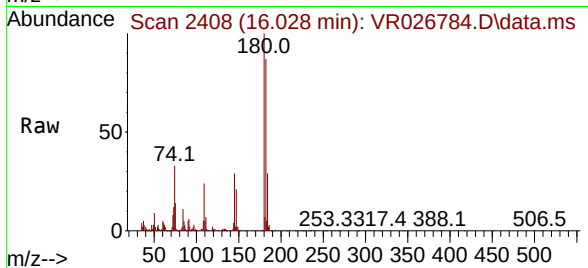
#93
1,2,4-Trichlorobenzene
Concen: 20.467 ug/l
RT: 16.028 min Scan# 2409
Delta R.T. -0.006 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

Tgt Ion:180 Resp: 416934
Ion Ratio Lower Upper
180 100
182 89.3 46.8 140.3
145 30.2 15.8 47.3

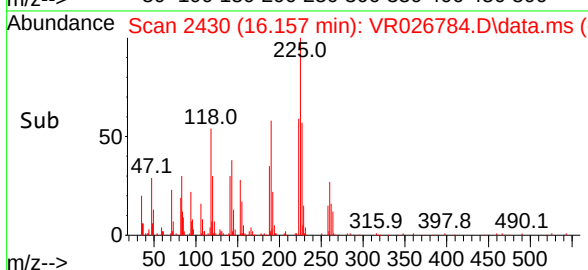
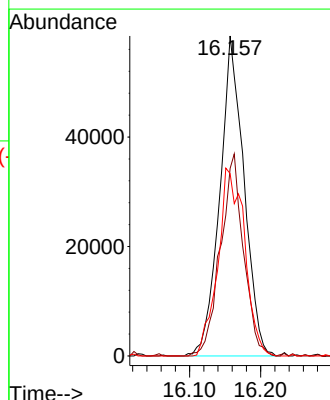
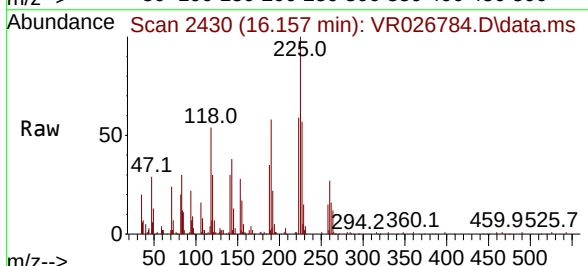
Manual Integrations
APPROVED

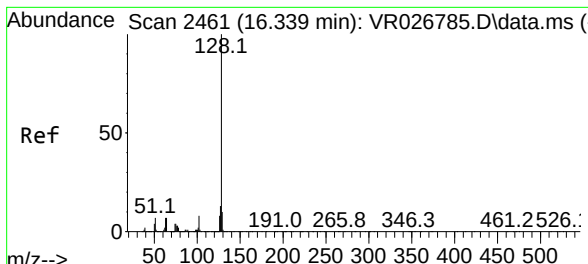
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#94
Hexachlorobutadiene
Concen: 19.024 ug/l
RT: 16.157 min Scan# 2430
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

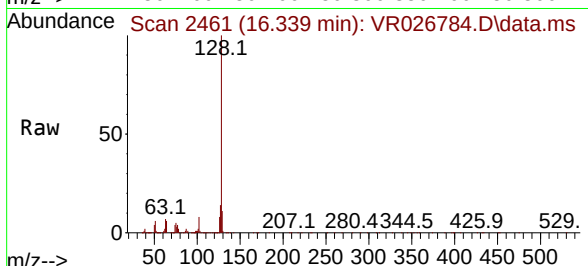
Tgt Ion:225 Resp: 137730
Ion Ratio Lower Upper
225 100
223 60.4 32.3 96.8
227 65.0 33.1 99.3





#95
Naphthalene
Concen: 20.701 ug/l
RT: 16.339 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18

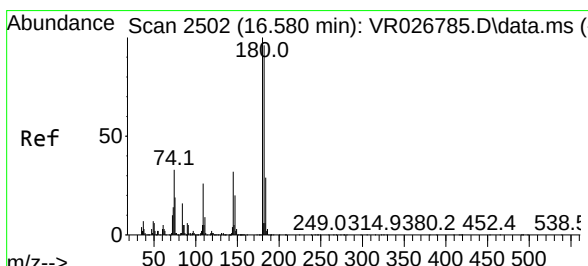
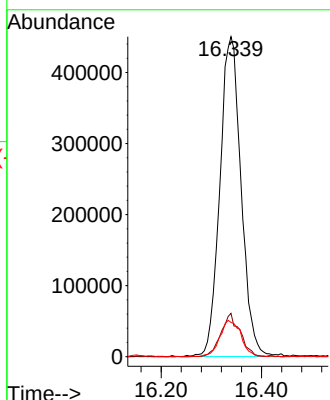
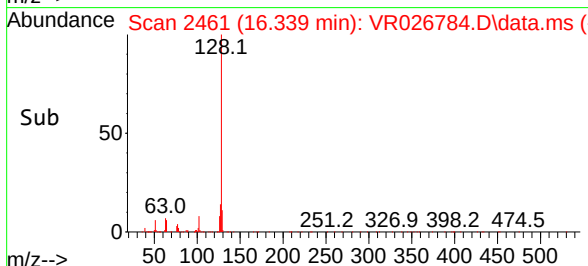
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020



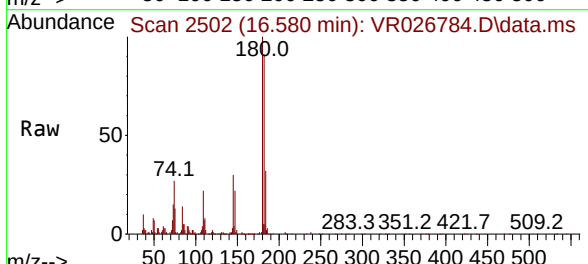
Tgt Ion:128 Resp: 132243
Ion Ratio Lower Upper
128 100
127 12.3 10.1 15.1
129 11.3 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 20.150 ug/l
RT: 16.580 min Scan# 2502
Delta R.T. 0.000 min
Lab File: VR026784.D
Acq: 22 Oct 2025 14:18



Tgt Ion:180 Resp: 404349
Ion Ratio Lower Upper
180 100
182 93.4 46.2 138.5
145 32.6 16.4 49.4

