

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR102225\
 Data File : VR026783.D
 Acq On : 22 Oct 2025 13:52
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICC010

Quant Time: Oct 24 09:16:40 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	830880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.789	114	1507855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.944	117	1428727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.147	152	921173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.195	65	65000	10.027	ug/l	0.00
Spiked Amount 50.000			Recovery	=	20.060%	
35) Dibromofluoromethane	7.749	113	65812	10.618	ug/l	0.00
Spiked Amount 50.000			Recovery	=	21.240%	
50) Toluene-d8	10.458	98	176244	10.193	ug/l	0.00
Spiked Amount 50.000			Recovery	=	20.380%	
62) 4-Bromofluorobenzene	13.072	95	110023	9.663	ug/l	0.00
Spiked Amount 50.000			Recovery	=	19.320%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.003	85	62241	10.009	ug/l	95
3) Chloromethane	2.220	50	78486	10.028	ug/l	90
4) Vinyl Chloride	2.338	62	94533	10.038	ug/l #	88
5) Bromomethane	2.719	94	69818	11.584	ug/l	99
6) Chloroethane	2.866	64	70035	10.352	ug/l	98
7) Trichlorofluoromethane	3.184	101	134789	10.524	ug/l	96
8) Diethyl Ether	3.595	74	62840	10.133	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.942	101	80138	9.928	ug/l	87
10) Methyl Iodide	4.124	142	78401	8.503	ug/l	94
11) Tert butyl alcohol	4.970	59	144960	45.545	ug/l #	83
12) 1,1-Dichloroethene	3.924	96	79074	9.824	ug/l	90
13) Acrolein	3.777	56	90496	43.025	ug/l	97
14) Allyl chloride	4.506	41	142800	8.481	ug/l #	82
15) Acrylonitrile	5.164	53	331154	47.096	ug/l	99
16) Acetone	3.994	43	388880	46.969	ug/l	95
17) Carbon Disulfide	4.229	76	146927	10.040	ug/l #	92
18) Methyl Acetate	4.506	43	233222	10.451	ug/l	100
19) Methyl tert-butyl Ether	5.246	73	337475	9.857	ug/l	93
20) Methylene Chloride	4.735	84	102734	10.188	ug/l	90
21) trans-1,2-Dichloroethene	5.240	96	86219	10.532	ug/l #	74
22) Diisopropyl ether	6.127	45	369904	10.277	ug/l	91
23) Vinyl Acetate	6.057	43	1182424	49.898	ug/l	98
24) 1,1-Dichloroethane	6.004	63	181157	9.891	ug/l #	95
25) 2-Butanone	6.991	43	511745	44.892	ug/l	90
26) 2,2-Dichloropropane	6.991	77	155305	9.926	ug/l	98
27) cis-1,2-Dichloroethene	6.985	96	109226	9.548	ug/l	96
28) Bromochloromethane	7.343	49	77533	9.369	ug/l	94
29) Tetrahydrofuran	7.379	42	314463	49.979	ug/l	97
30) Chloroform	7.526	83	171547	9.672	ug/l	92
31) Cyclohexane	7.825	56	158700	10.362	ug/l #	70
32) 1,1,1-Trichloroethane	7.737	97	145942	9.943	ug/l	98
36) 1,1-Dichloropropene	7.966	75	121915	10.240	ug/l	95
37) Ethyl Acetate	7.085	43	189170	10.846	ug/l #	94
38) Carbon Tetrachloride	7.943	117	116611	10.503	ug/l #	86
39) Methylcyclohexane	9.341	83	151785	10.138	ug/l	94
40) Benzene	8.225	78	411852	10.327	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	101137	9.837	ug/l	96
42) 1,2-Dichloroethane	8.301	62	134306	10.278	ug/l	99
43) Isopropyl Acetate	8.342	43	280257	9.595	ug/l	97
44) Trichloroethene	9.071	130	96992	10.190	ug/l	67
45) 1,2-Dichloropropane	9.371	63	100951	9.693	ug/l	95
46) Dibromomethane	9.470	93	68128	9.856	ug/l	96
47) Bromodichloromethane	9.682	83	136956	9.523	ug/l #	95
48) Methyl methacrylate	9.459	41	129056	9.403	ug/l	98
49) 1,4-Dioxane	9.470	88	58294	193.004	ug/l	99
51) 4-Methyl-2-Pentanone	10.328	43	957246	49.984	ug/l	97
52) Toluene	10.528	92	268535	9.995	ug/l	94
53) t-1,3-Dichloropropene	10.769	75	155234	9.460	ug/l	92
54) cis-1,3-Dichloropropene	10.164	75	163636	9.585	ug/l	98
55) 1,1,2-Trichloroethane	10.969	97	107882	9.939	ug/l	95
56) Ethyl methacrylate	10.822	69	196310	9.769	ug/l	94
57) 1,3-Dichloropropane	11.139	76	180073	9.891	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.999	63	22834	39.505	ug/l #	82
59) 2-Hexanone	11.186	43	780139	46.581	ug/l	100
60) Dibromochloromethane	11.362	129	103152	9.295	ug/l	97
61) 1,2-Dibromoethane	11.480	107	107529	9.959	ug/l	98
64) Tetrachloroethene	11.069	164	76813	10.237	ug/l	90
65) Chlorobenzene	11.973	112	325597	10.242	ug/l	94
66) 1,1,1,2-Tetrachloroethane	12.062	131	100867	10.289	ug/l	98
67) Ethyl Benzene	12.062	91	539180	10.134	ug/l	98
68) m/p-Xylenes	12.179	106	423128	20.264	ug/l	95
69) o-Xylene	12.561	106	203806	9.740	ug/l	96
70) Styrene	12.573	104	383218	10.011	ug/l	98
71) Bromoform	12.761	173	75461	9.324	ug/l #	99
73) Isopropylbenzene	12.902	105	537102	9.981	ug/l	100
74) N-amyl acetate	12.679	43	287969	9.599	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.178	83	179679	9.027	ug/l	99
76) 1,2,3-Trichloropropane	13.237	75	133230m	7.983	ug/l	
77) Bromobenzene	13.213	156	124907	9.507	ug/l	94
78) n-propylbenzene	13.290	91	685113	10.316	ug/l	99
79) 2-Chlorotoluene	13.384	91	383081	9.665	ug/l	95
80) 1,3,5-Trimethylbenzene	13.442	105	462548	9.792	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.949	75	63290	8.862	ug/l	97
82) 4-Chlorotoluene	13.501	91	404639	9.726	ug/l	97
83) tert-Butylbenzene	13.748	119	433491	9.673	ug/l	97
84) 1,2,4-Trimethylbenzene	13.795	105	498337	9.717	ug/l	99
85) sec-Butylbenzene	13.954	105	644743	9.986	ug/l	99
86) p-Isopropyltoluene	14.077	119	561211	10.019	ug/l	98
87) 1,3-Dichlorobenzene	14.077	146	296702	9.927	ug/l	97
88) 1,4-Dichlorobenzene	14.177	146	294920	9.507	ug/l	95
89) n-Butylbenzene	14.447	91	537516	9.807	ug/l	99
90) Hexachloroethane	14.764	117	84749	9.345	ug/l	100
91) 1,2-Dichlorobenzene	14.506	146	298252	9.735	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	15.223	75	39984	8.737	ug/l	95
93) 1,2,4-Trichlorobenzene	16.033	180	175466	9.035	ug/l	99
94) Hexachlorobutadiene	16.163	225	65825	9.537	ug/l	92
95) Naphthalene	16.339	128	558765	9.175	ug/l	99
96) 1,2,3-Trichlorobenzene	16.574	180	177624	9.285	ug/l	99

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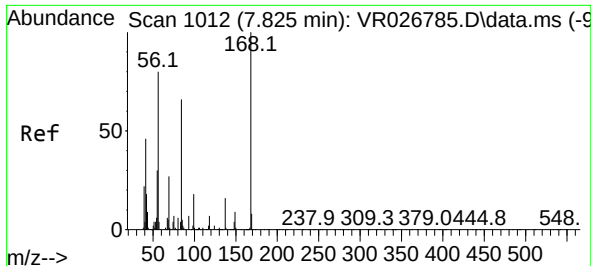
Manual Integrations
APPROVED

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



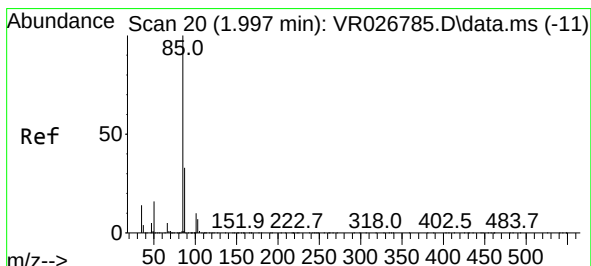
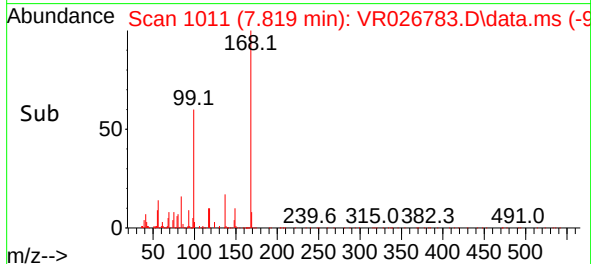
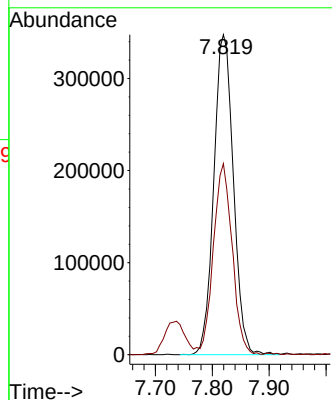
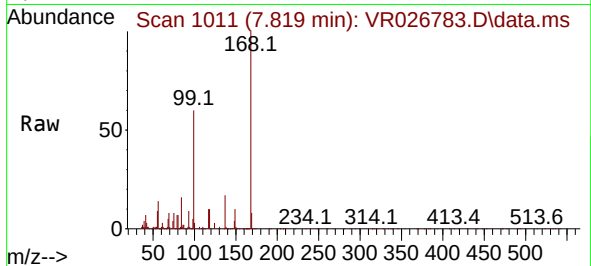
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

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MSVOA_R
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Tgt Ion:168 Resp: 830880
Ion Ratio Lower Upper
168 100
99 59.6 41.0 61.6

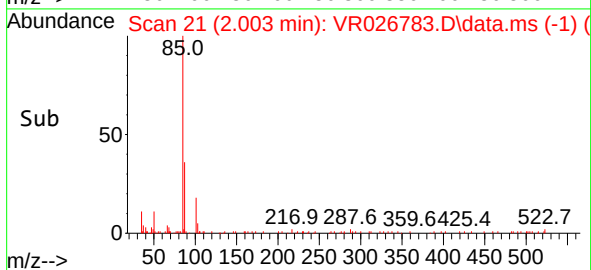
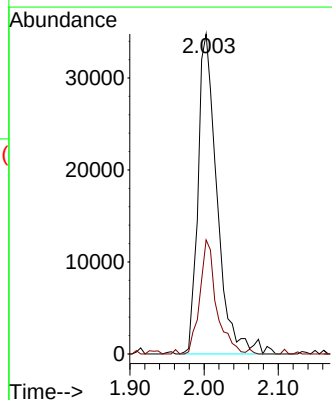
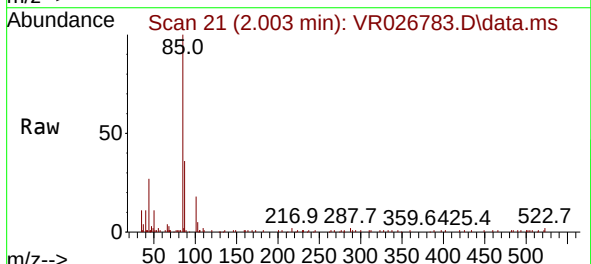
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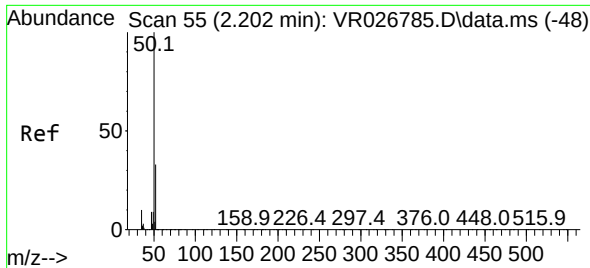
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#2
Dichlorodifluoromethane
Concen: 10.009 ug/l
RT: 2.003 min Scan# 21
Delta R.T. 0.006 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

Tgt Ion: 85 Resp: 62241
Ion Ratio Lower Upper
85 100
87 35.6 16.3 48.9





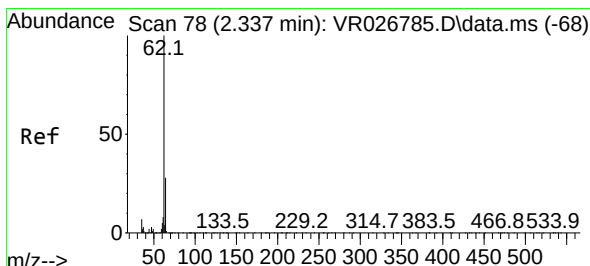
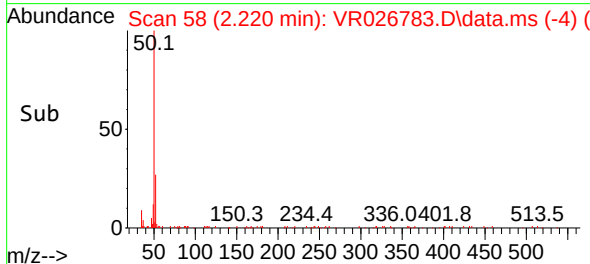
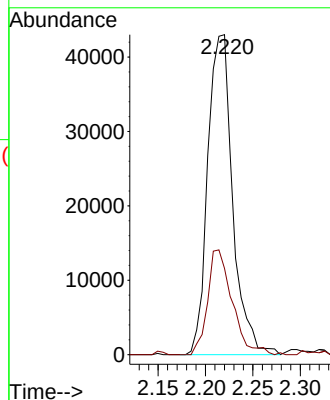
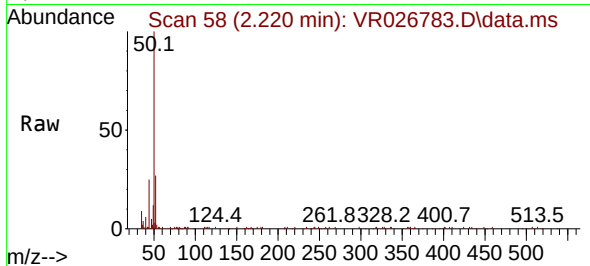
#3
Chloromethane
Concen: 10.028 ug/l
RT: 2.220 min Scan# 50
Delta R.T. 0.018 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

Instrument :
MSVOA_R
ClientSampleId :
VSTDICC010

Tgt Ion: 50 Resp: 78480
Ion Ratio Lower Upper
50 100
52 27.0 26.2 39.2

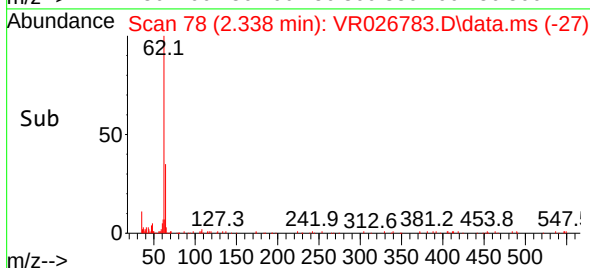
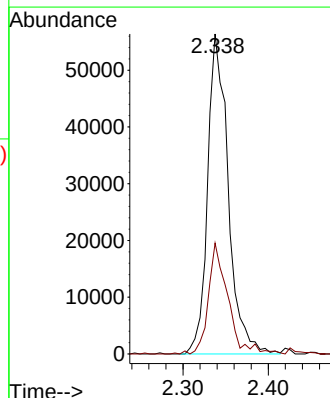
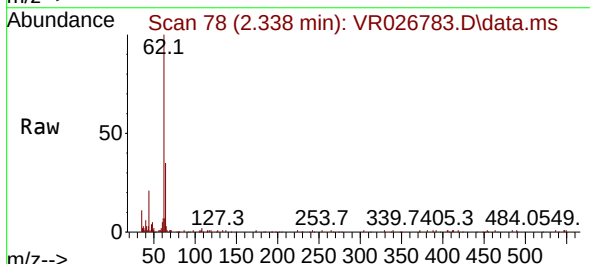
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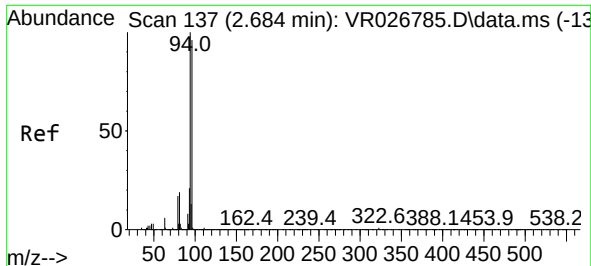
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#4
Vinyl Chloride
Concen: 10.038 ug/l
RT: 2.338 min Scan# 78
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

Tgt Ion: 62 Resp: 94533
Ion Ratio Lower Upper
62 100
64 34.6 22.6 33.8





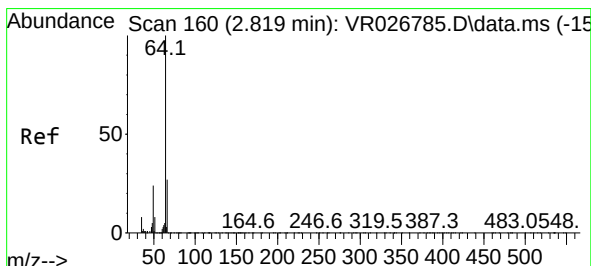
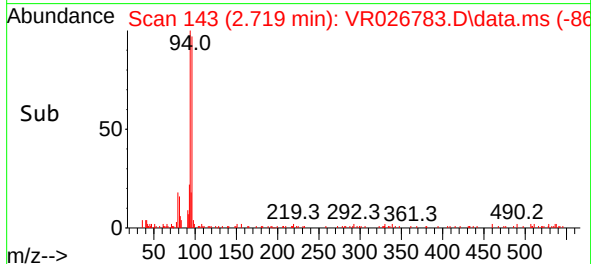
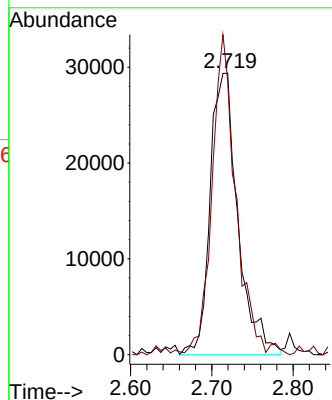
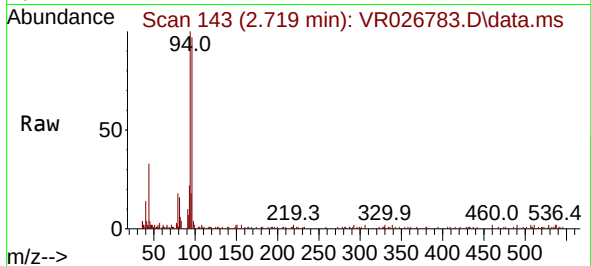
#5
Bromomethane
Concen: 11.584 ug/l
RT: 2.719 min Scan# 143
Delta R.T. 0.035 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

Instrument :
MSVOA_R
ClientSampleId :
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Tgt Ion: 94 Resp: 69818
Ion Ratio Lower Upper
94 100
96 96.0 76.4 114.6

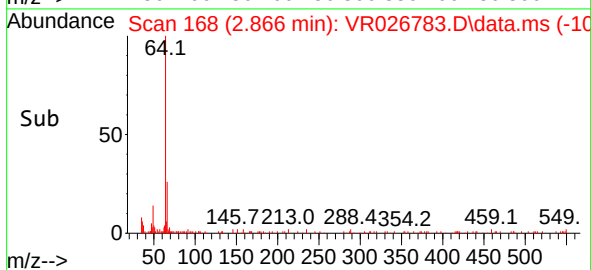
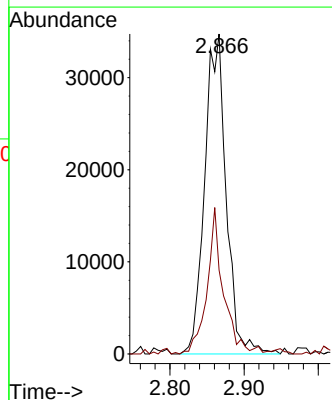
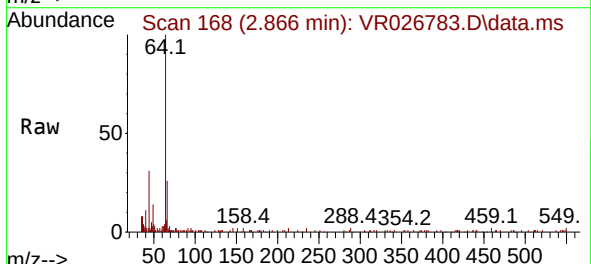
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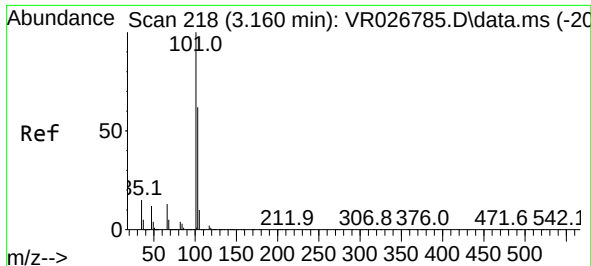
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#6
Chloroethane
Concen: 10.352 ug/l
RT: 2.866 min Scan# 168
Delta R.T. 0.047 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

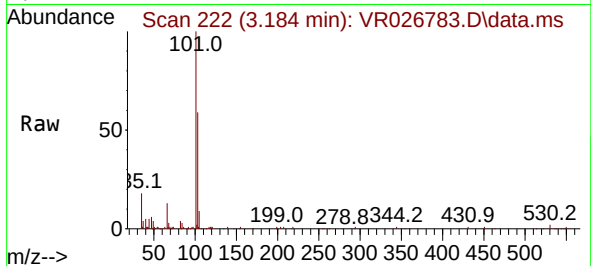
Tgt Ion: 64 Resp: 70035
Ion Ratio Lower Upper
64 100
66 26.2 22.0 33.0





#7
 Trichlorofluoromethane
 Concen: 10.524 ug/l
 RT: 3.184 min Scan# 218
 Delta R.T. 0.024 min
 Lab File: VR026783.D
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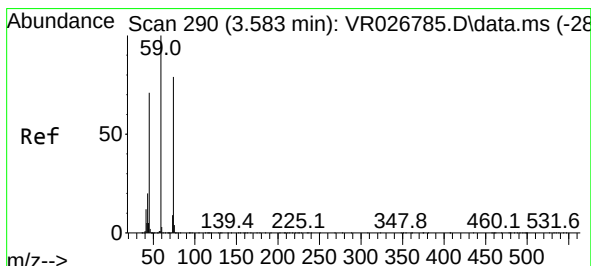
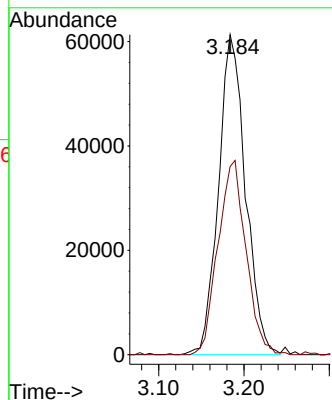
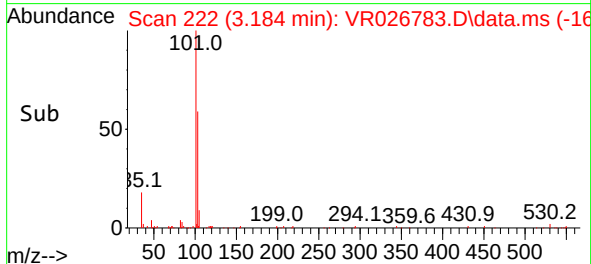
Instrument :
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Tgt Ion:101 Resp: 134789
 Ion Ratio Lower Upper
 101 100
 103 58.8 49.6 74.4

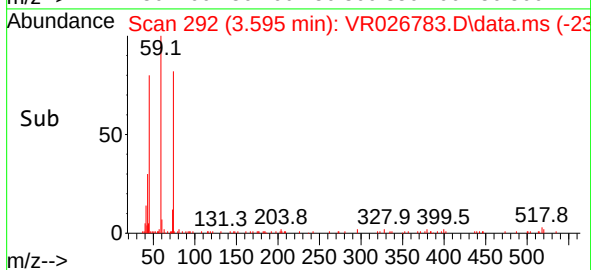
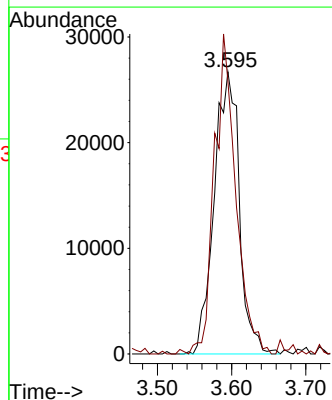
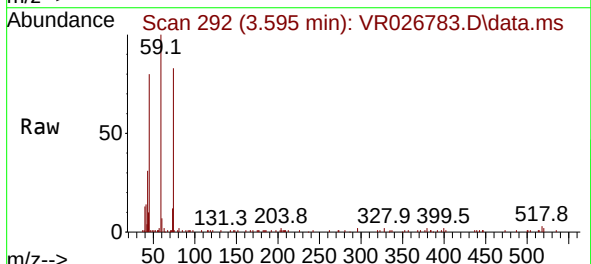
Manual Integrations
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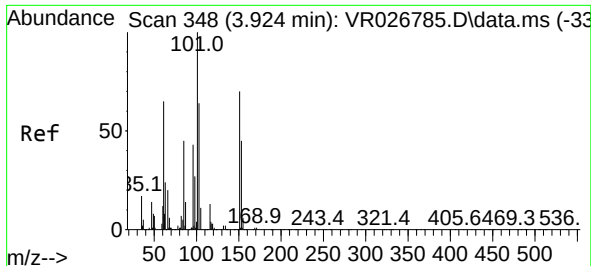
Reviewed By :John Carlone 10/24/2025
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#8
 Diethyl Ether
 Concen: 10.133 ug/l
 RT: 3.595 min Scan# 292
 Delta R.T. 0.012 min
 Lab File: VR026783.D
 Acq: 22 Oct 2025 13:52

Tgt Ion: 74 Resp: 62840
 Ion Ratio Lower Upper
 74 100
 45 97.3 47.3 141.9





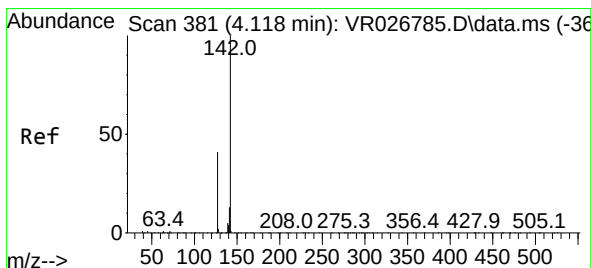
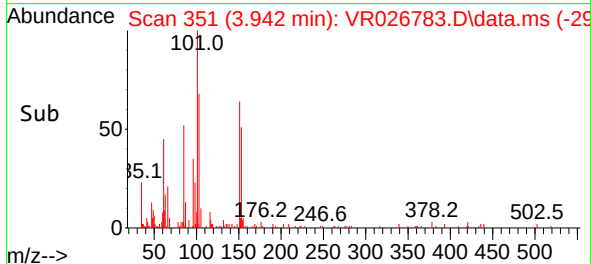
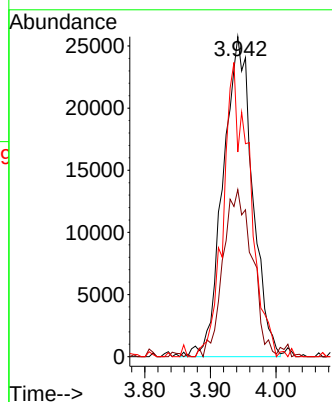
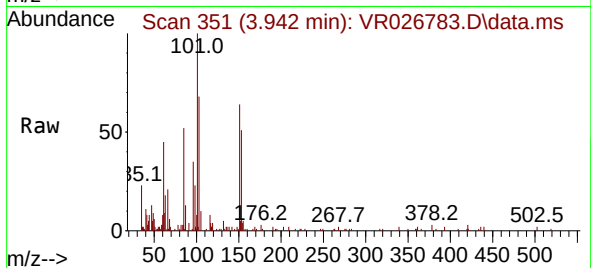
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1,1,2-Trichlorotrifluoroethane
Concen: 9.928 ug/l
RT: 3.942 min Scan# 30
Delta R.T. 0.018 min
Lab File: VR026783.D
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Instrument :
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Tgt Ion:101 Resp: 80138
Ion Ratio Lower Upper
101 100
85 51.6 36.6 54.8
151 82.4 55.5 83.3

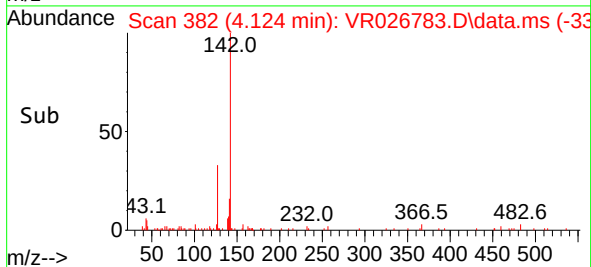
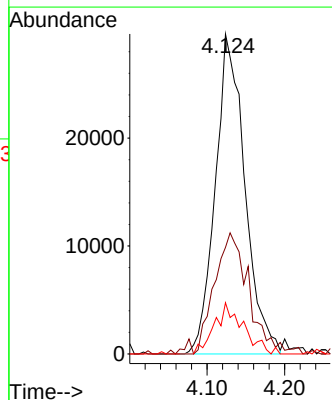
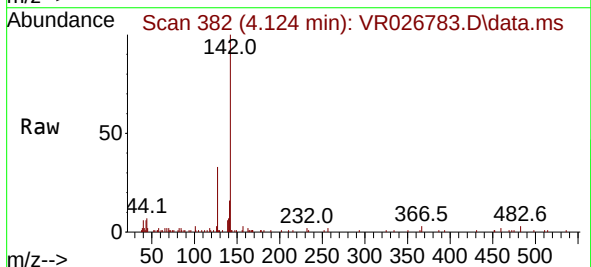
Manual Integrations
APPROVED

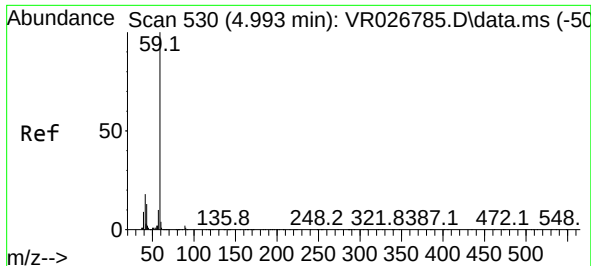
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#10
Methyl Iodide
Concen: 8.503 ug/l
RT: 4.124 min Scan# 382
Delta R.T. 0.006 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

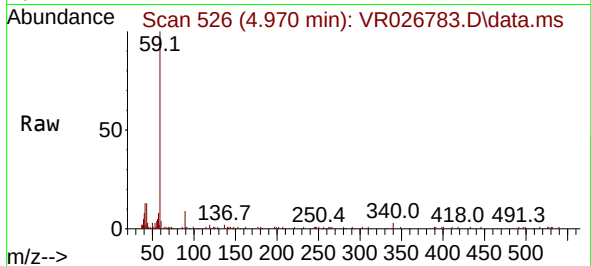
Tgt Ion:142 Resp: 78401
Ion Ratio Lower Upper
142 100
127 43.9 31.8 47.6
141 15.3 10.9 16.3





#11
Tert butyl alcohol
Concen: 45.545 ug/l
RT: 4.970 min Scan# 51
Delta R.T. -0.023 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

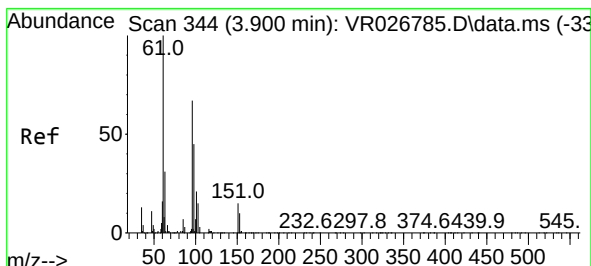
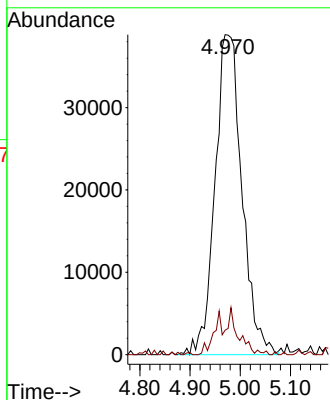
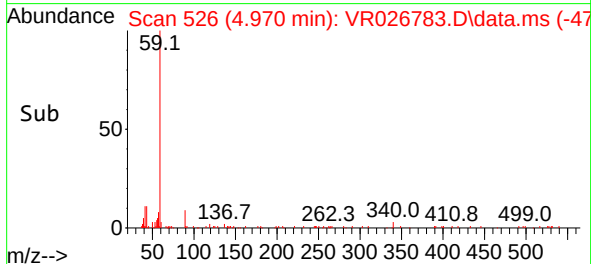
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010



Tgt Ion: 59 Resp: 144960
Ion Ratio Lower Upper
59 100
57 4.1 8.5 12.7

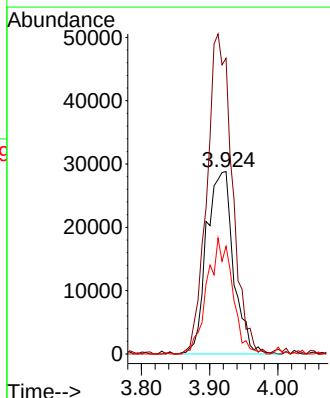
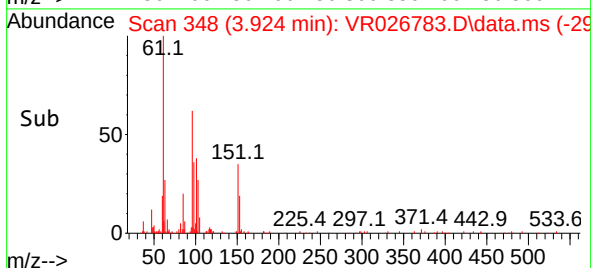
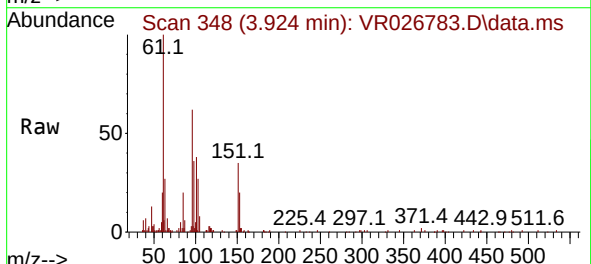
Manual Integrations
APPROVED

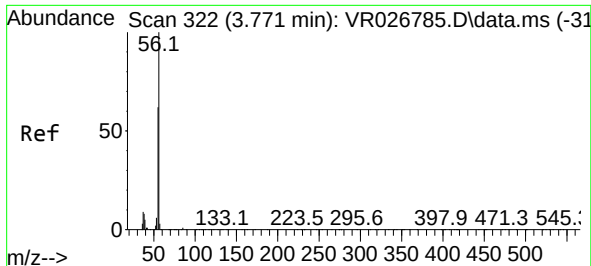
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#12
1,1-Dichloroethene
Concen: 9.824 ug/l
RT: 3.924 min Scan# 348
Delta R.T. 0.024 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

Tgt Ion: 96 Resp: 79074
Ion Ratio Lower Upper
96 100
61 162.1 119.0 178.6
98 59.0 53.0 79.6





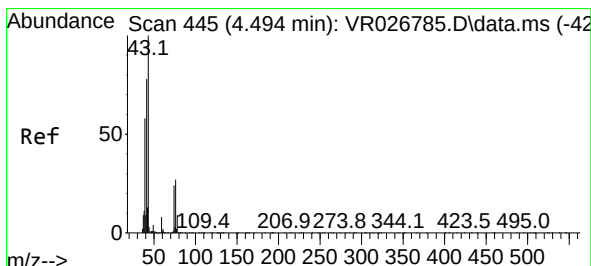
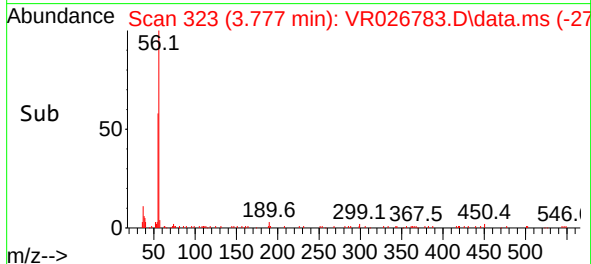
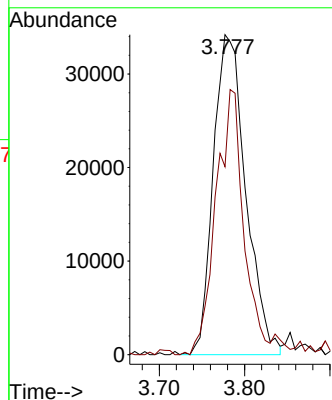
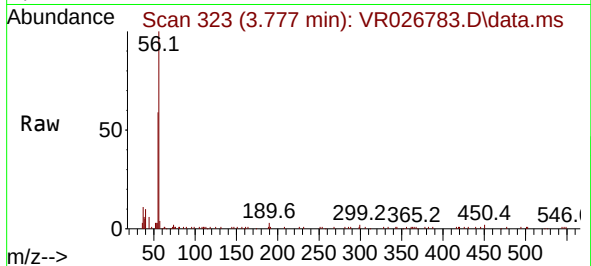
#13
Acrolein
Concen: 43.025 ug/l
RT: 3.777 min Scan# 31
Delta R.T. 0.006 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

Instrument :
MSVOA_R
ClientSampleId :
VSTDICC010

Tgt Ion: 56 Resp: 90490
Ion Ratio Lower Upper
56 100
55 70.3 54.2 81.2

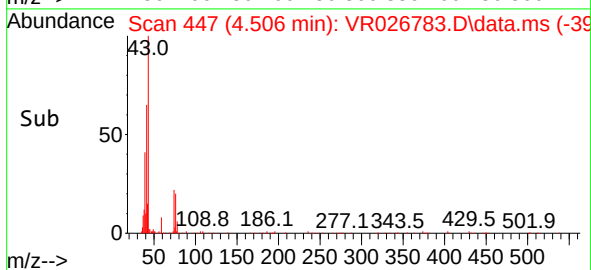
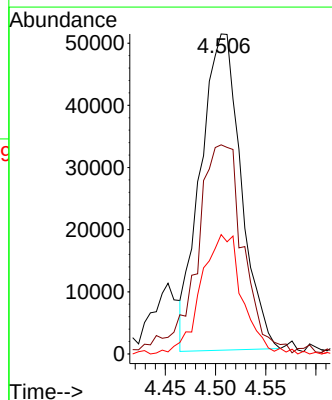
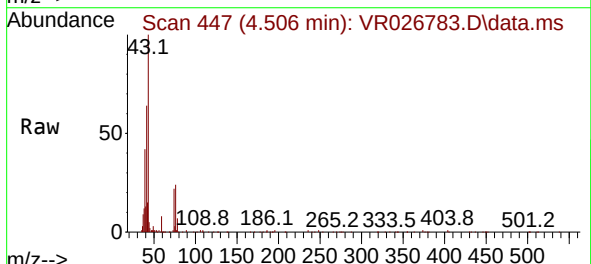
Manual Integrations
APPROVED

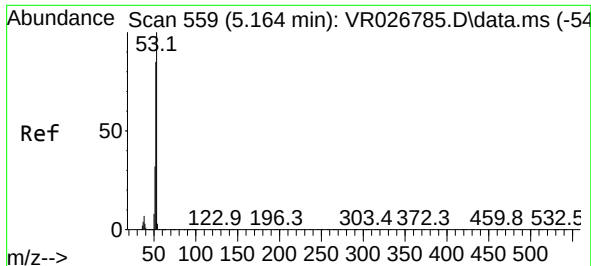
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#14
Allyl chloride
Concen: 8.481 ug/l
RT: 4.506 min Scan# 447
Delta R.T. 0.012 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

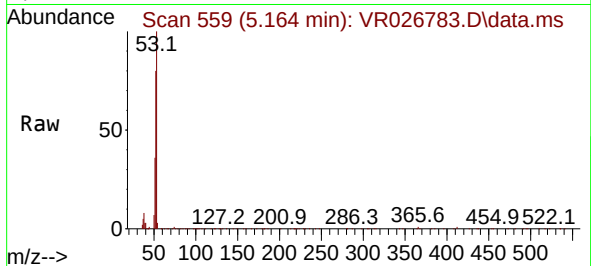
Tgt Ion: 41 Resp: 142800
Ion Ratio Lower Upper
41 100
39 76.3 49.0 73.6#
76 38.7 24.0 36.0#





#15
Acrylonitrile
Concen: 47.096 ug/l
RT: 5.164 min Scan# 511
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

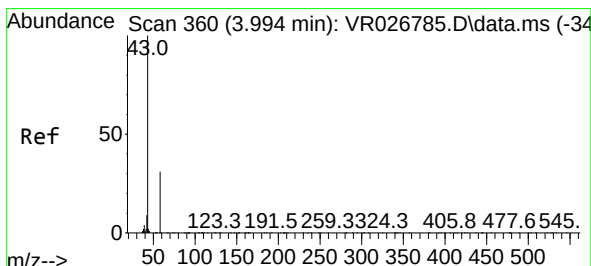
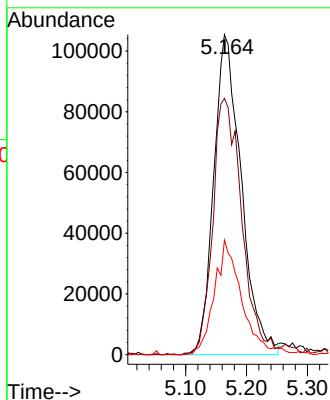
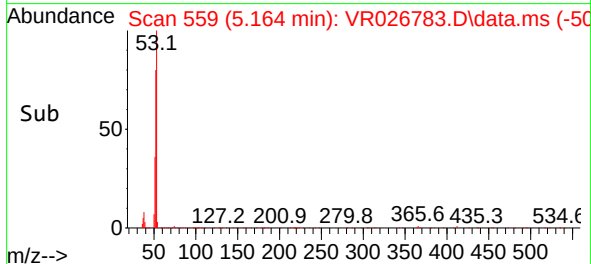
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010



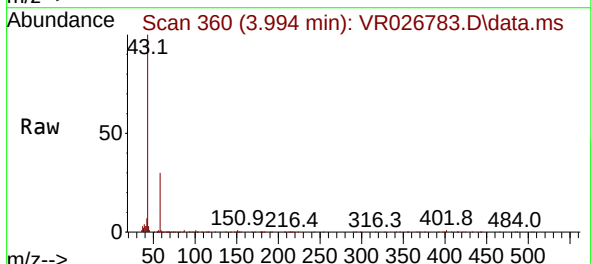
Tgt Ion: 53 Resp: 331154
Ion Ratio Lower Upper
53 100
52 83.9 65.8 98.8
51 34.6 27.7 41.5

Manual Integrations
APPROVED

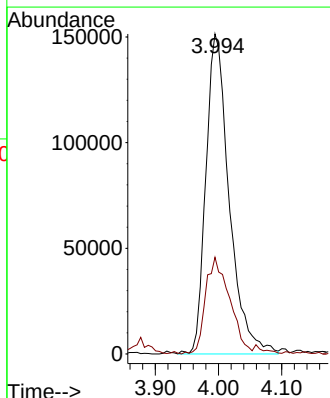
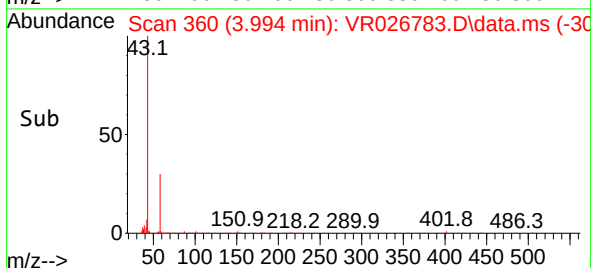
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

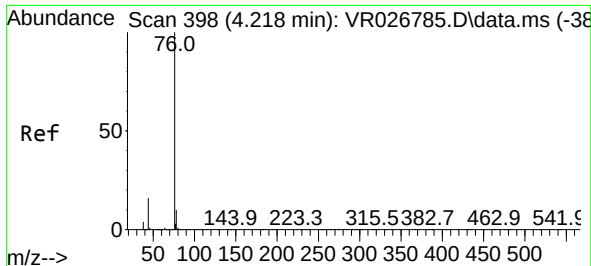


#16
Acetone
Concen: 46.969 ug/l
RT: 3.994 min Scan# 360
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52



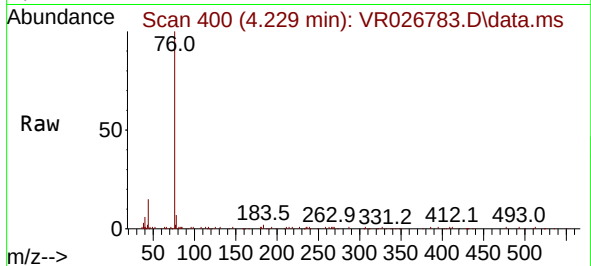
Tgt Ion: 43 Resp: 388880
Ion Ratio Lower Upper
43 100
58 29.9 26.2 39.4





#17
Carbon Disulfide
Concen: 10.040 ug/l
RT: 4.229 min Scan# 400
Delta R.T. 0.012 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

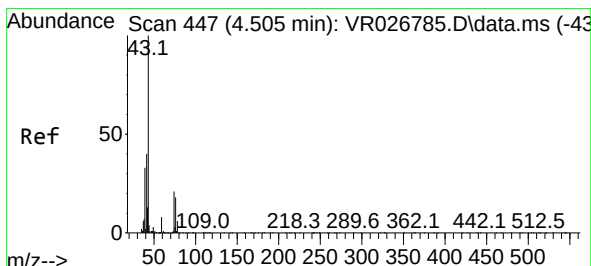
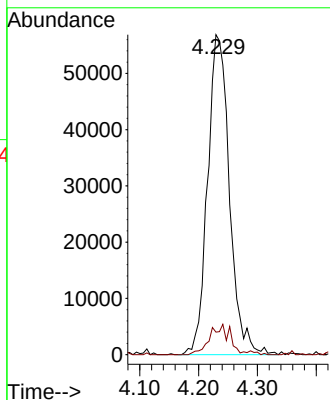
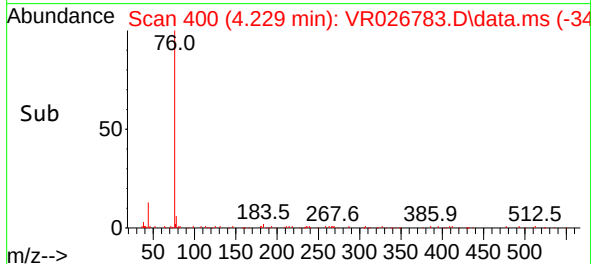
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010



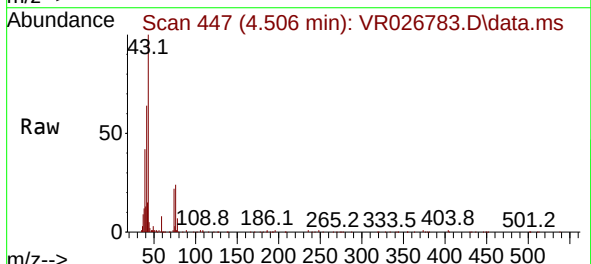
Tgt Ion: 76 Resp: 146927
Ion Ratio Lower Upper
76 100
78 7.1 8.2 12.2

Manual Integrations
APPROVED

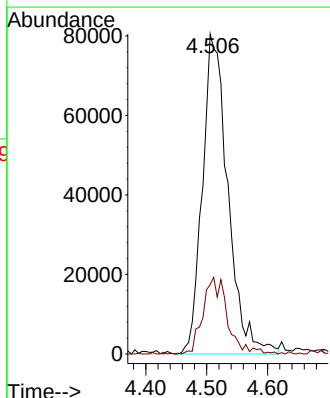
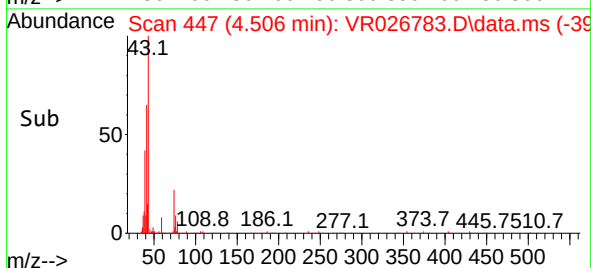
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

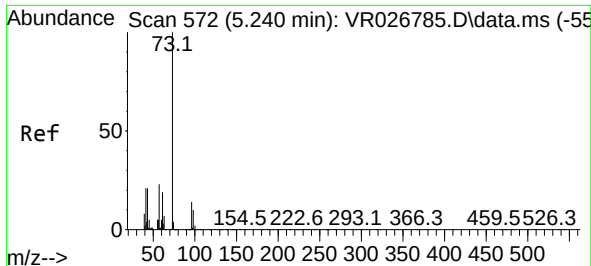


#18
Methyl Acetate
Concen: 10.451 ug/l
RT: 4.506 min Scan# 447
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52



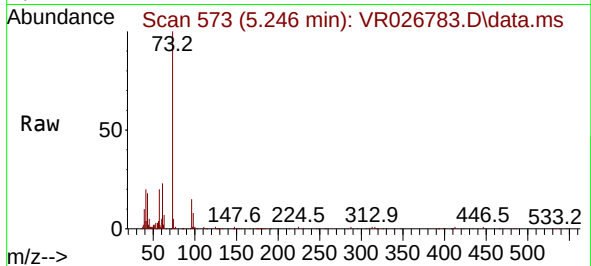
Tgt Ion: 43 Resp: 233222
Ion Ratio Lower Upper
43 100
74 23.1 18.5 27.7





#19
Methyl tert-butyl Ether
Concen: 9.857 ug/l
RT: 5.246 min Scan# 51
Delta R.T. 0.006 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

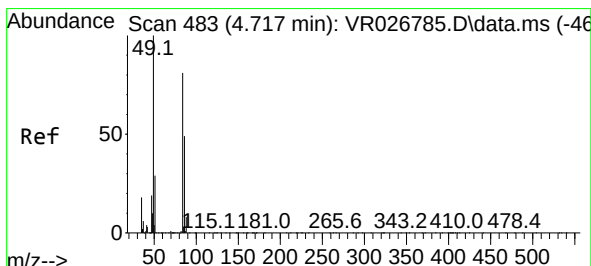
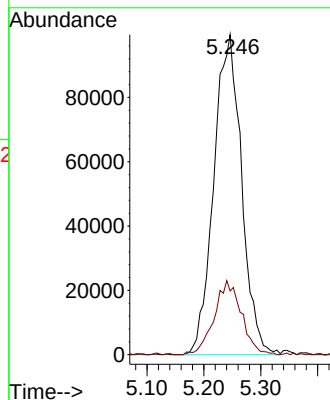
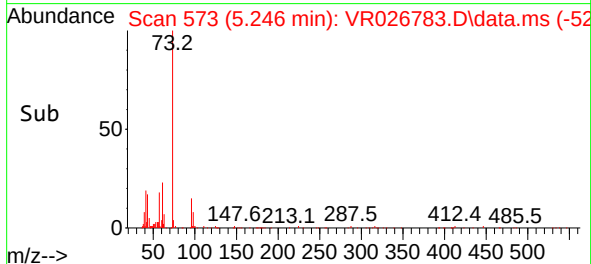
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC010



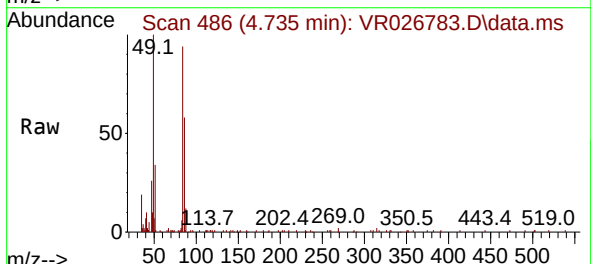
Tgt Ion: 73 Resp: 33747
Ion Ratio Lower Upper
73 100
57 19.9 18.6 28.0

Manual Integrations
APPROVED

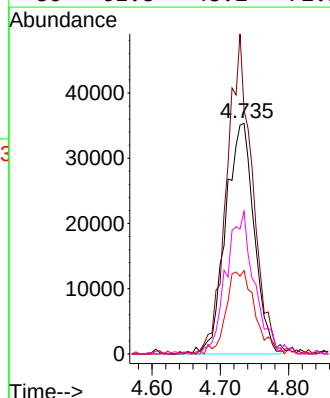
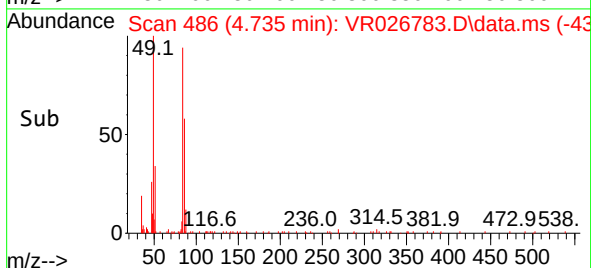
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

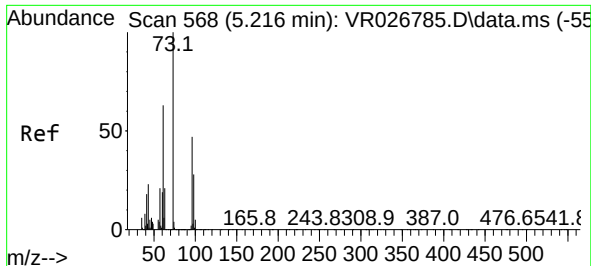


#20
Methylene Chloride
Concen: 10.188 ug/l
RT: 4.735 min Scan# 486
Delta R.T. 0.018 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52



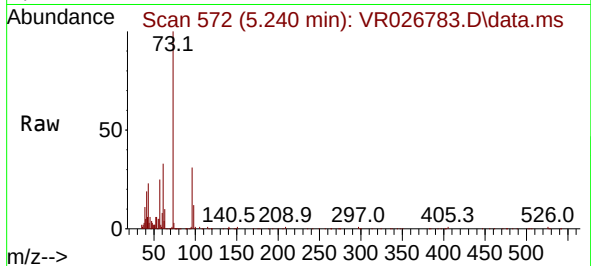
Tgt Ion: 84 Resp: 102734
Ion Ratio Lower Upper
84 100
49 105.2 99.0 148.6
51 35.0 28.6 42.8
86 61.8 48.2 72.2





#21
trans-1,2-Dichloroethene
Concen: 10.532 ug/l
RT: 5.240 min Scan# 51
Delta R.T. 0.024 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

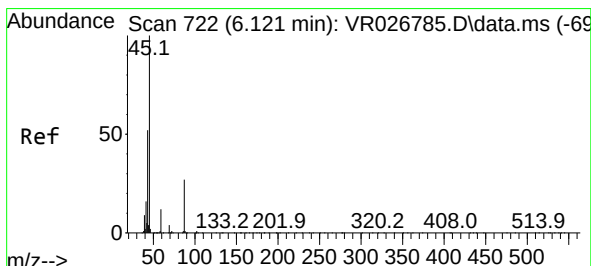
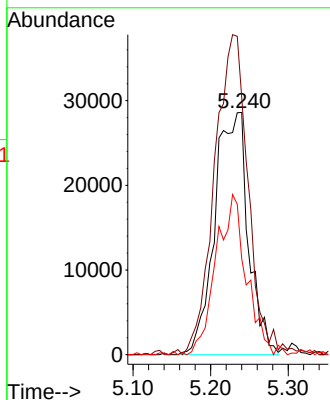
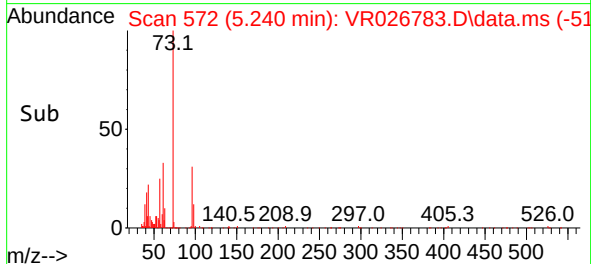
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC010



Tgt Ion: 96 Resp: 86219
Ion Ratio Lower Upper
96 100
61 104.3 107.4 161.0
98 39.6 48.1 72.1

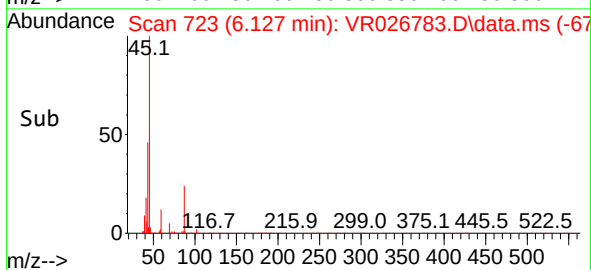
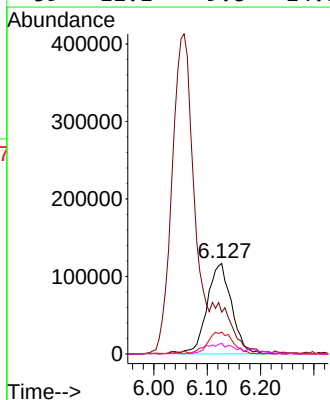
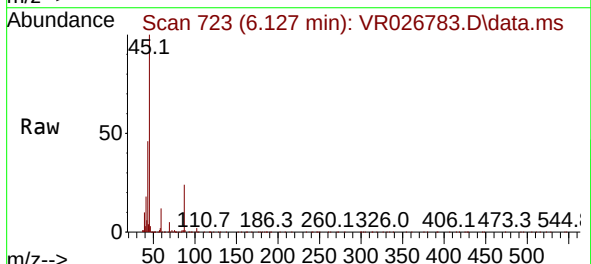
Manual Integrations
APPROVED

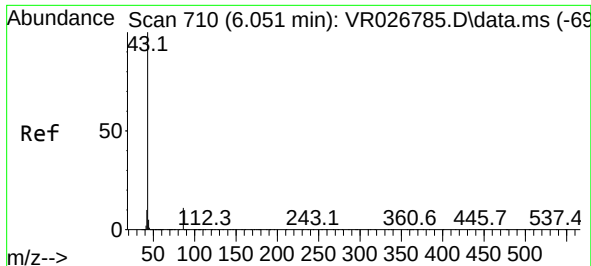
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#22
Diisopropyl ether
Concen: 10.277 ug/l
RT: 6.127 min Scan# 723
Delta R.T. 0.006 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

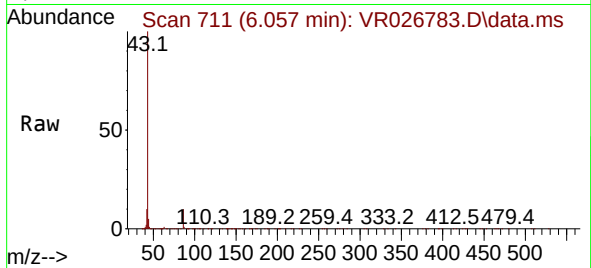
Tgt Ion: 45 Resp: 369904
Ion Ratio Lower Upper
45 100
43 44.3 41.8 62.8
87 23.6 21.8 32.8
59 11.1 9.8 14.8





#23
 Vinyl Acetate
 Concen: 49.898 ug/l
 RT: 6.057 min Scan# 711
 Delta R.T. 0.006 min
 Lab File: VR026783.D
 Acq: 22 Oct 2025 13:52

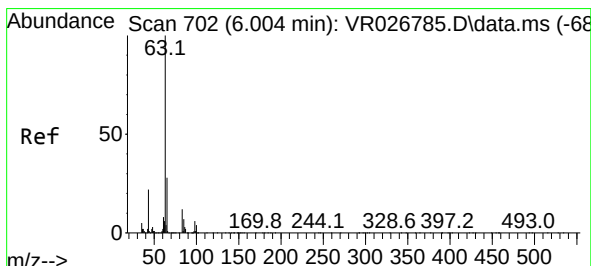
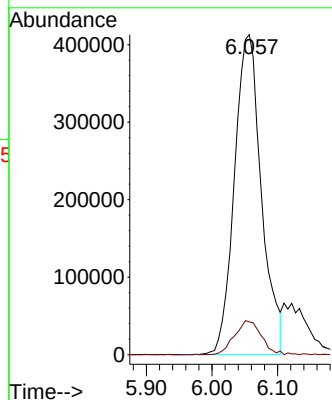
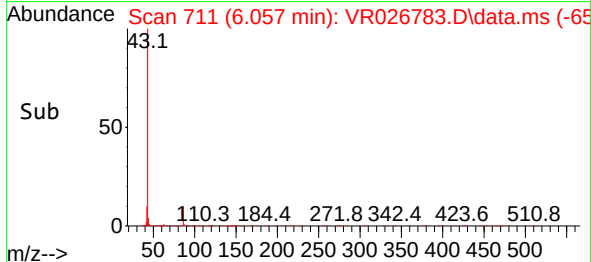
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC010



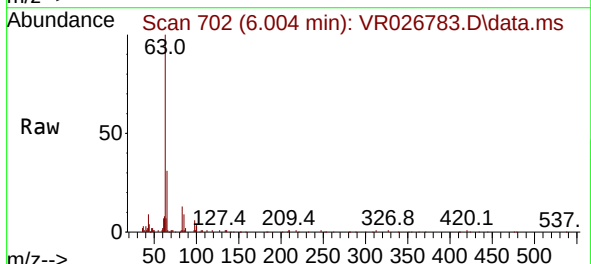
Tgt Ion: 43 Resp: 1182424
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.7 13.1

Manual Integrations
 APPROVED

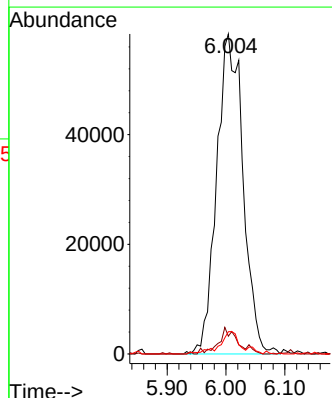
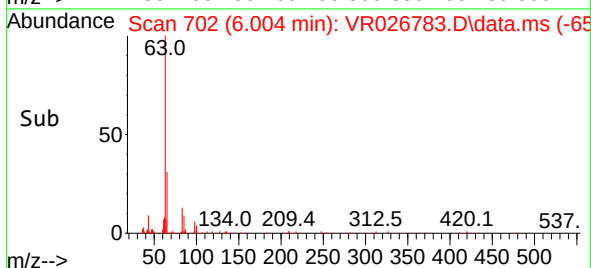
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025

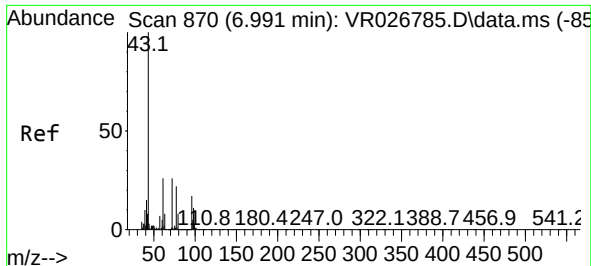


#24
 1,1-Dichloroethane
 Concen: 9.891 ug/l
 RT: 6.004 min Scan# 702
 Delta R.T. 0.000 min
 Lab File: VR026783.D
 Acq: 22 Oct 2025 13:52



Tgt Ion: 63 Resp: 181157
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.1 9.4
 100 7.0 2.1 6.3#





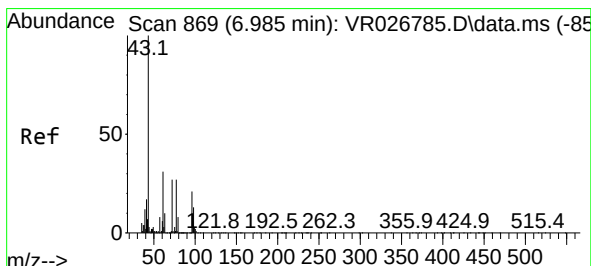
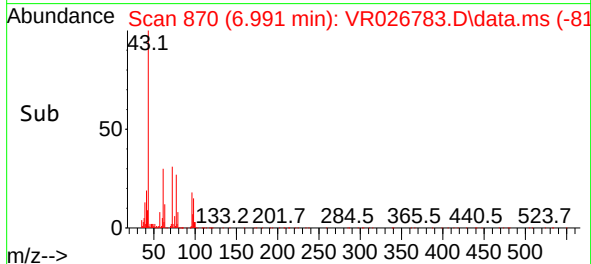
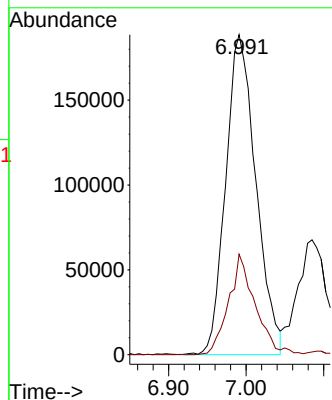
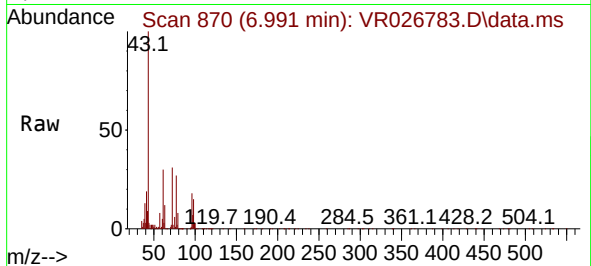
#25
2-Butanone
Concen: 44.892 ug/l
RT: 6.991 min Scan# 81
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

Instrument :
MSVOA_R
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 51174
Ion Ratio Lower Upper
43 100
72 31.3 21.0 31.4

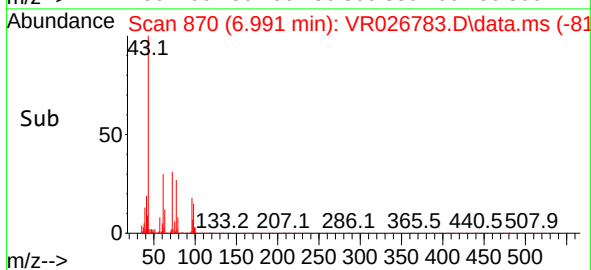
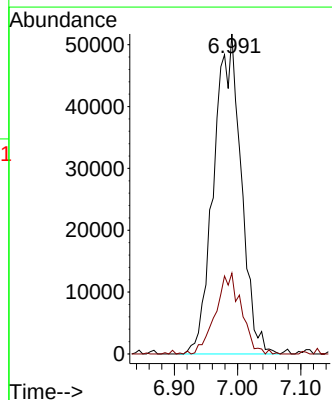
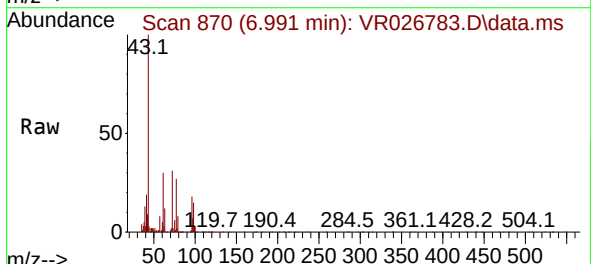
Manual Integrations
APPROVED

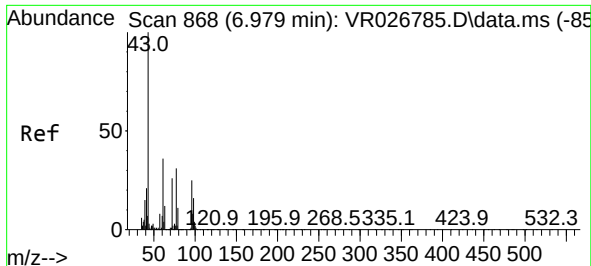
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#26
2,2-Dichloropropane
Concen: 9.926 ug/l
RT: 6.991 min Scan# 870
Delta R.T. 0.006 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

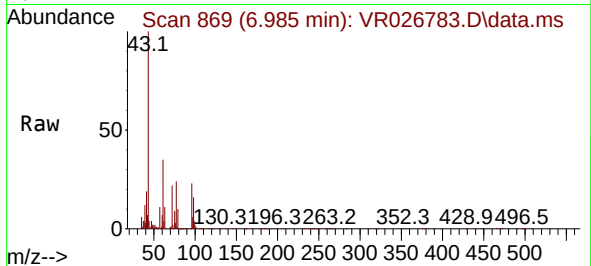
Tgt Ion: 77 Resp: 155305
Ion Ratio Lower Upper
77 100
97 23.9 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 9.548 ug/l
 RT: 6.985 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VR026783.D
 Acq: 22 Oct 2025 13:52

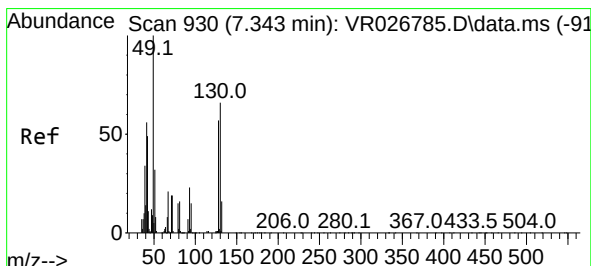
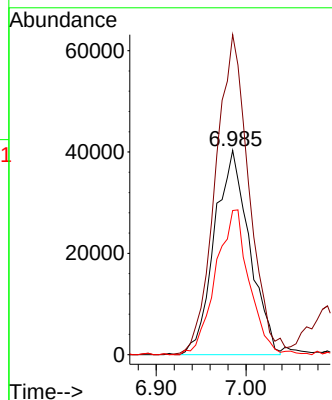
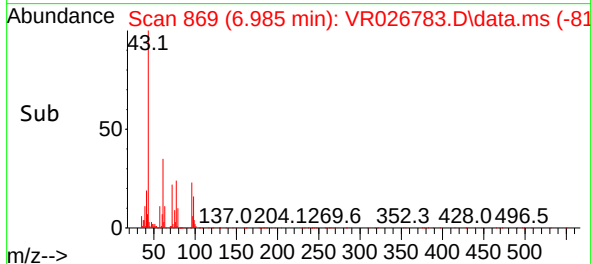
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICC010



Tgt Ion: 96 Resp: 109220
 Ion Ratio Lower Upper
 96 100
 61 150.4 0.0 291.0
 98 67.9 0.0 127.8

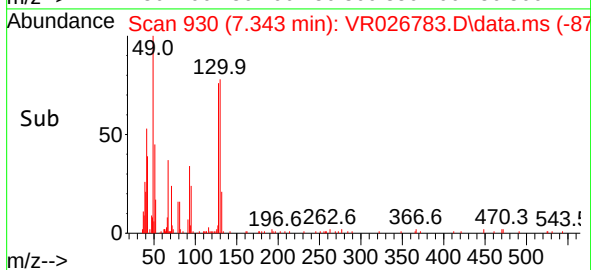
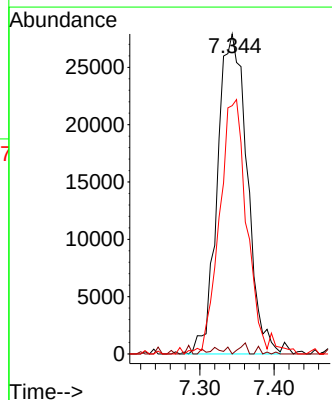
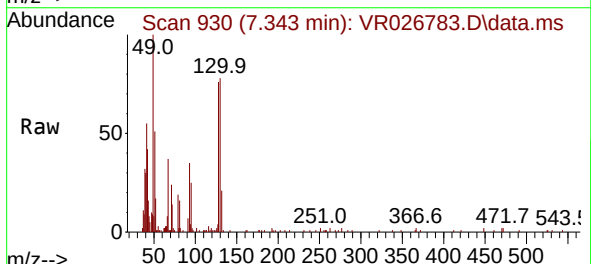
Manual Integrations
 APPROVED

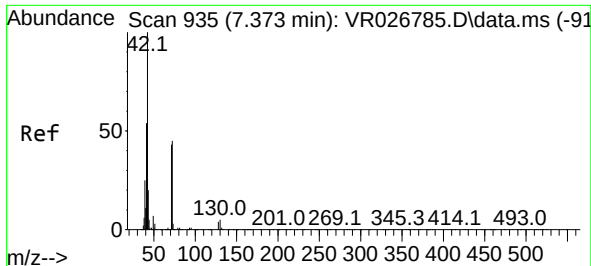
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#28
 Bromochloromethane
 Concen: 9.369 ug/l
 RT: 7.343 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VR026783.D
 Acq: 22 Oct 2025 13:52

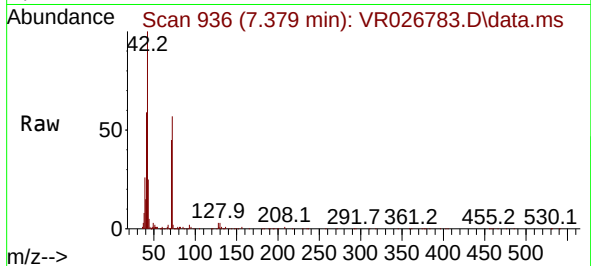
Tgt Ion: 49 Resp: 77533
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 2.6
 130 72.3 53.8 80.6





#29
Tetrahydrofuran
Concen: 49.979 ug/l
RT: 7.379 min Scan# 911
Delta R.T. 0.006 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

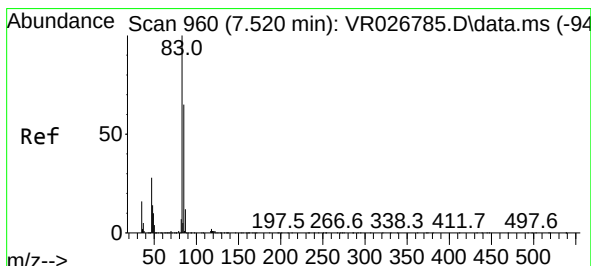
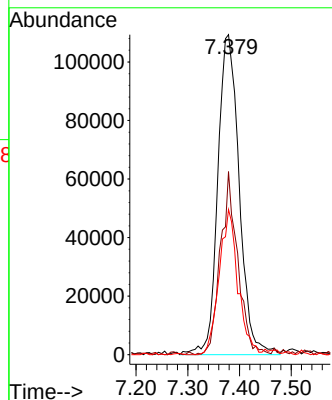
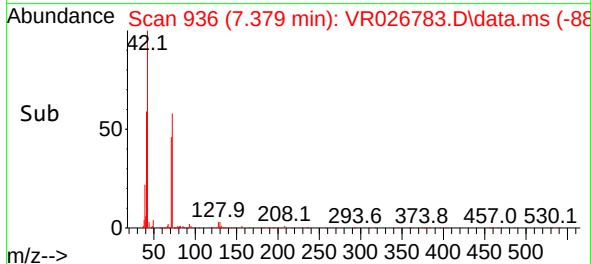
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010



Tgt Ion: 42 Resp: 31446
Ion Ratio Lower Upper
42 100
72 46.3 35.4 53.0
71 39.7 32.8 49.2

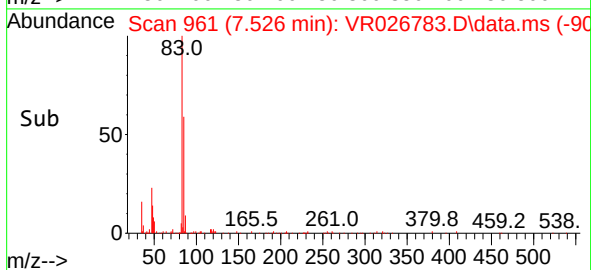
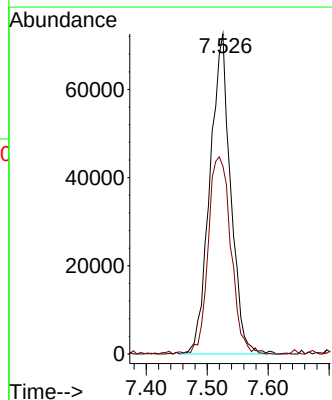
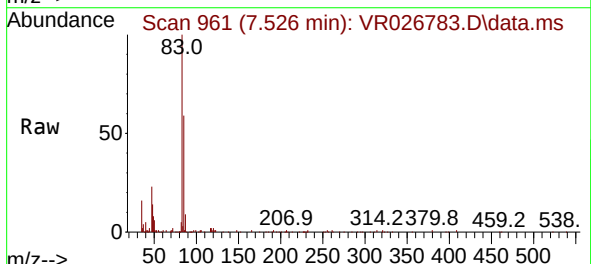
Manual Integrations
APPROVED

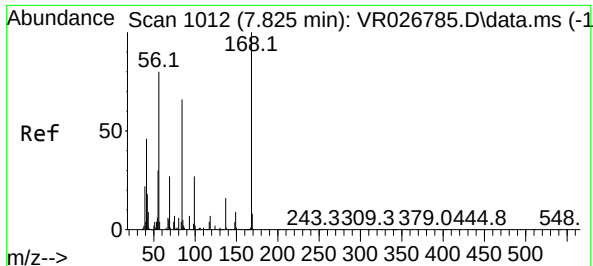
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#30
Chloroform
Concen: 9.672 ug/l
RT: 7.526 min Scan# 961
Delta R.T. 0.006 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

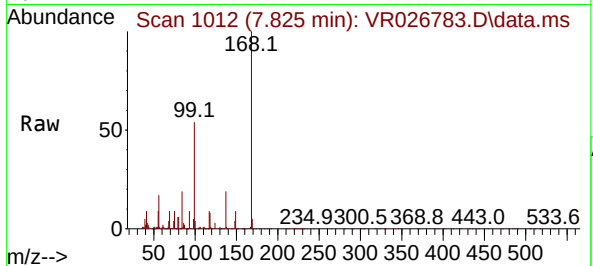
Tgt Ion: 83 Resp: 171547
Ion Ratio Lower Upper
83 100
85 58.6 51.7 77.5





#31
Cyclohexane
Concen: 10.362 ug/l
RT: 7.825 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

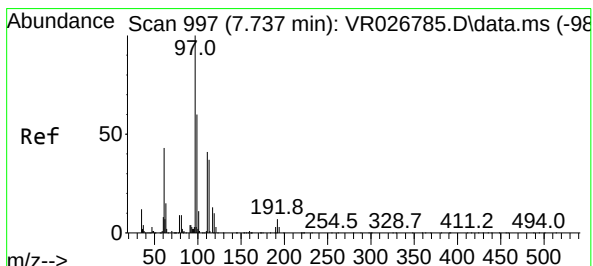
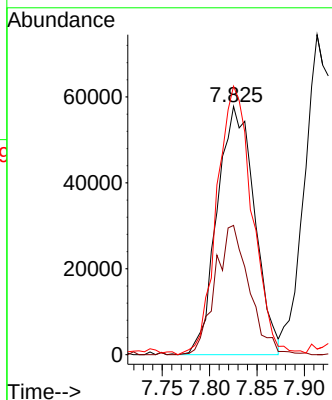
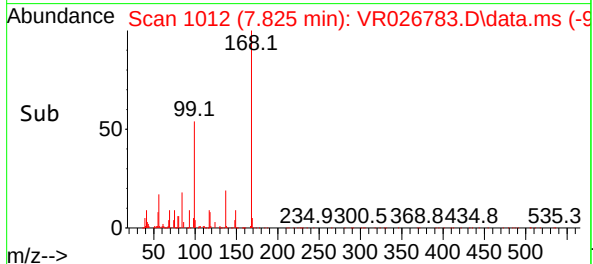
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010



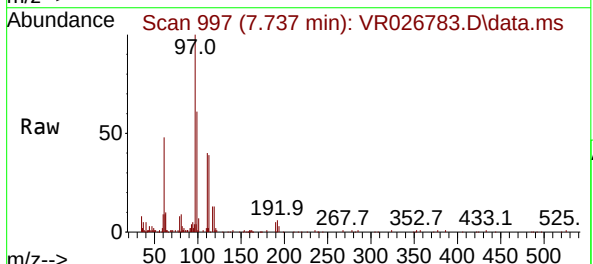
Tgt Ion: 56 Resp: 158700
Ion Ratio Lower Upper
56 100
69 52.1 26.9 40.3
84 108.2 66.1 99.1

Manual Integrations
APPROVED

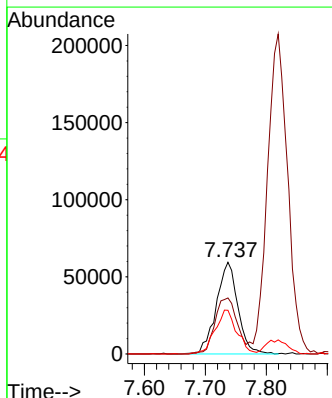
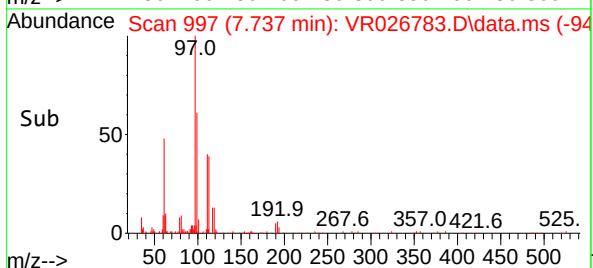
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

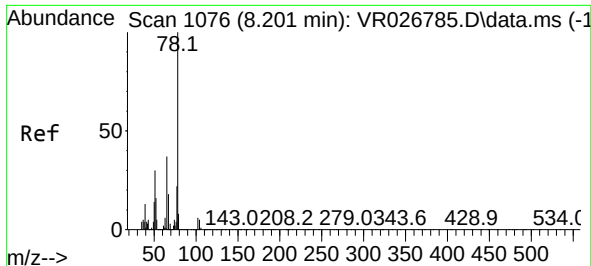


#32
1,1,1-Trichloroethane
Concen: 9.943 ug/l
RT: 7.737 min Scan# 997
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52



Tgt Ion: 97 Resp: 145942
Ion Ratio Lower Upper
97 100
99 62.5 49.5 74.3
61 48.6 36.9 55.3





#33

1,2-Dichloroethane-d4

Concen: 10.027 ug/l

RT: 8.195 min Scan# 1076

Delta R.T. -0.006 min

Lab File: VR026783.D

Acq: 22 Oct 2025 13:52

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 65000

Ion Ratio Lower Upper

65 100

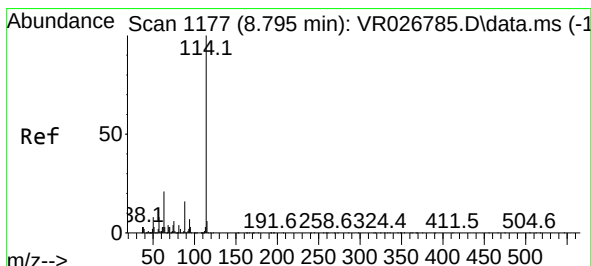
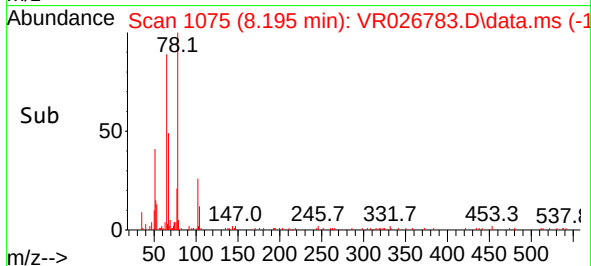
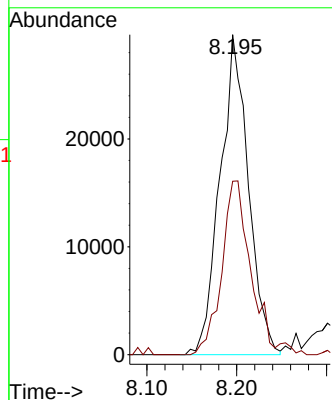
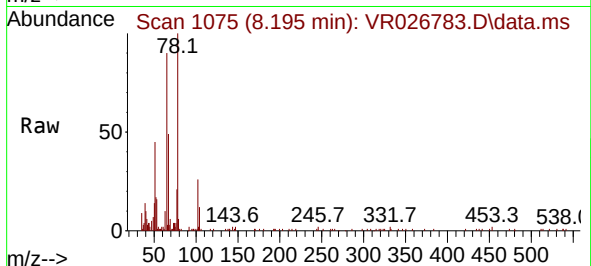
67 54.6 0.0 108.2

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: 8.789 min Scan# 1176

Delta R.T. -0.006 min

Lab File: VR026783.D

Acq: 22 Oct 2025 13:52

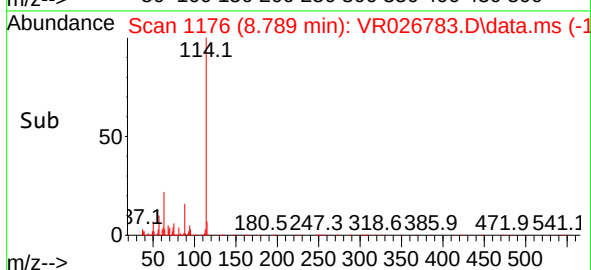
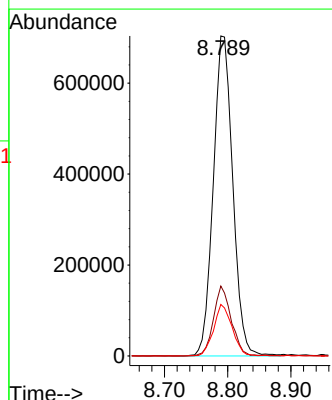
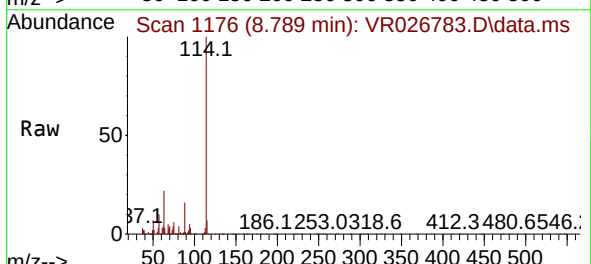
Tgt Ion:114 Resp: 1507855

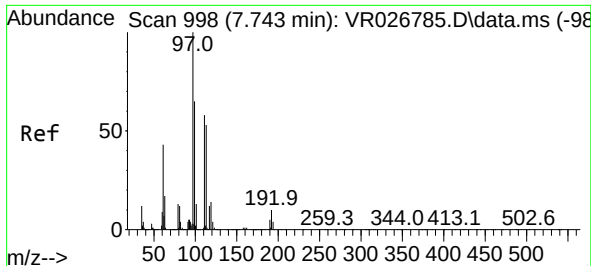
Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.4

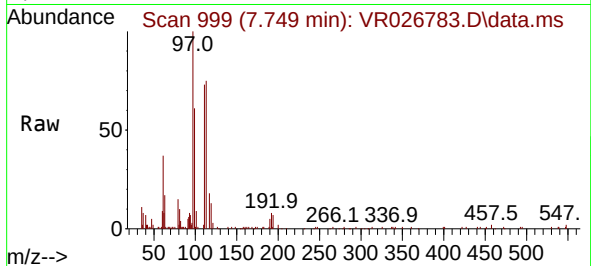
88 16.0 0.0 31.4





#35
Dibromofluoromethane
Concen: 10.618 ug/l
RT: 7.749 min Scan# 998
Delta R.T. 0.006 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

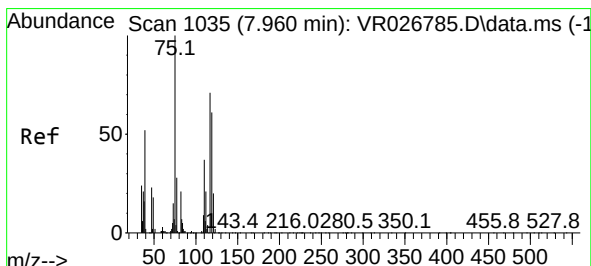
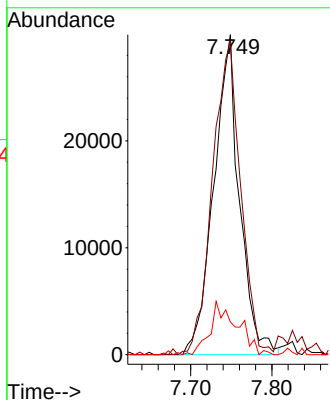
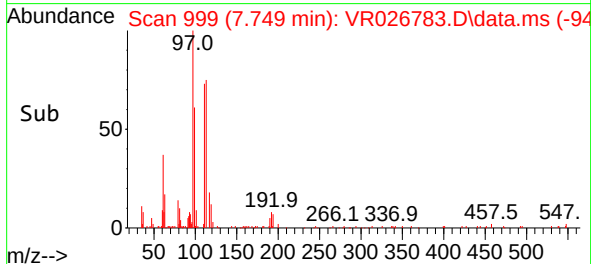
Instrument :
MSVOA_R
Client Sample Id :
VSTDIC010



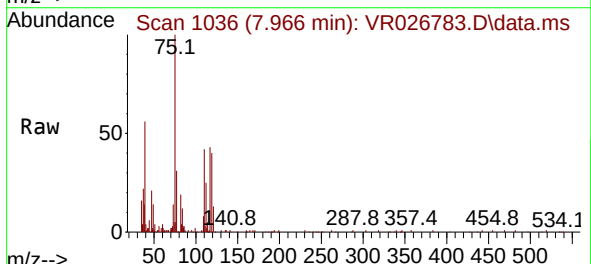
Tgt Ion: 113 Resp: 65812
Ion Ratio Lower Upper
113 100
111 106.4 86.0 129.0
192 17.4 14.6 22.0

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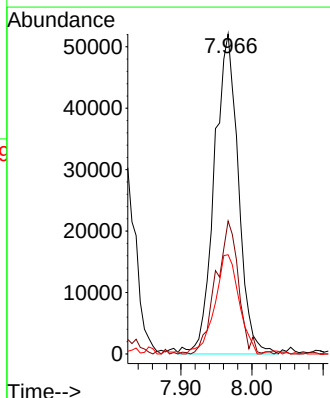
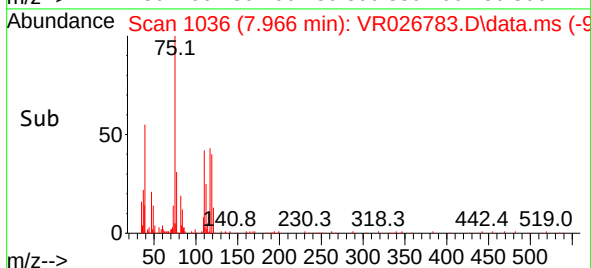
Reviewed By : John Carlone 10/24/2025
Supervised By : Mahesh Dadoda 10/27/2025

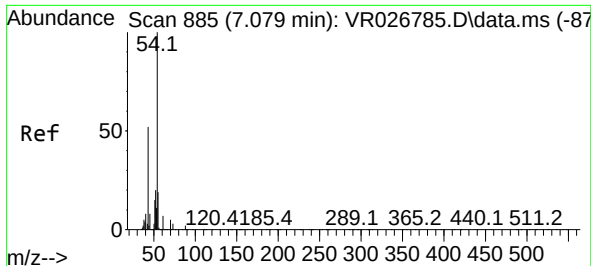


#36
1,1-Dichloropropene
Concen: 10.240 ug/l
RT: 7.966 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52



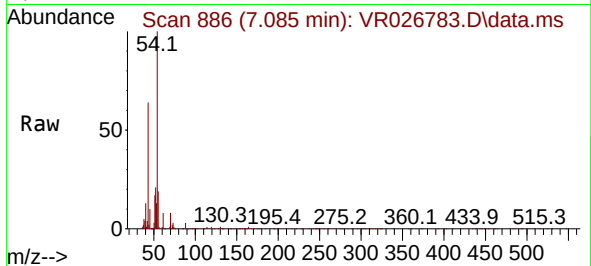
Tgt Ion: 75 Resp: 121915
Ion Ratio Lower Upper
75 100
110 38.9 17.4 52.2
77 31.4 23.8 35.8





#37
Ethyl Acetate
Concen: 10.846 ug/l
RT: 7.085 min Scan# 885
Delta R.T. 0.006 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

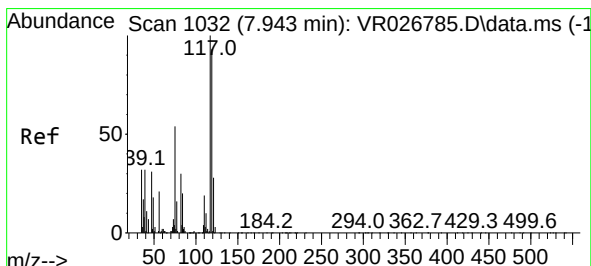
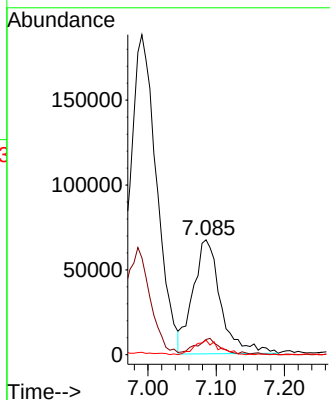
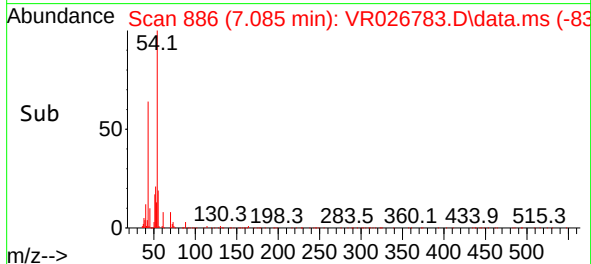
Instrument :
MSVOA_R
Client Sample Id :
VSTDIC010



Tgt Ion: 43 Resp: 189170
Ion Ratio Lower Upper
43 100
61 10.8 11.0 16.6
70 11.0 7.8 11.8

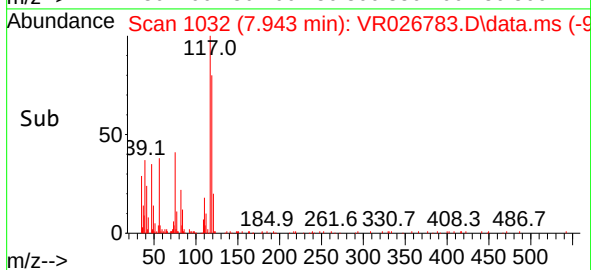
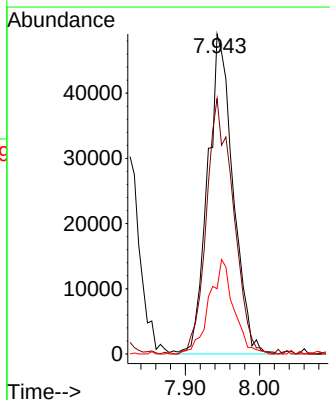
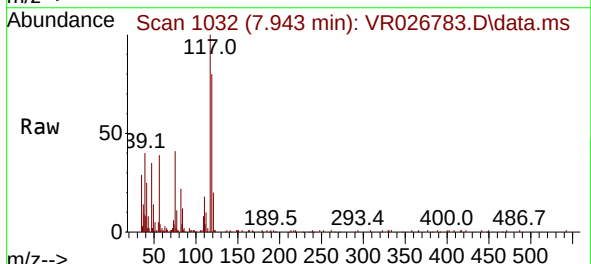
Manual Integrations
APPROVED

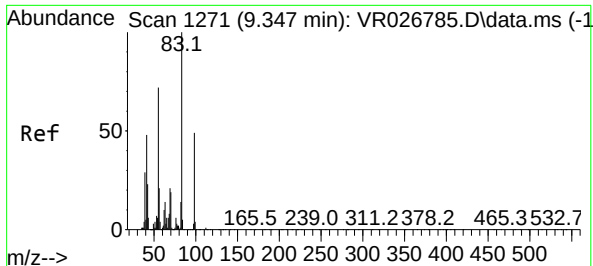
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#38
Carbon Tetrachloride
Concen: 10.503 ug/l
RT: 7.943 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

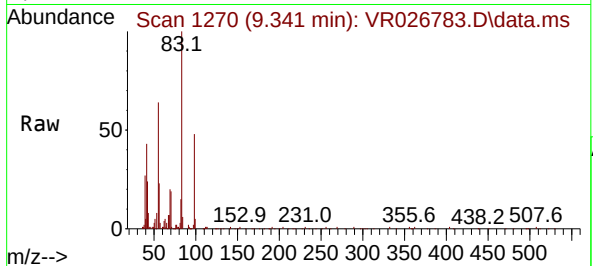
Tgt Ion:117 Resp: 116611
Ion Ratio Lower Upper
117 100
119 79.8 74.3 111.5
121 20.4 22.6 33.8#





#39
Methylcyclohexane
Concen: 10.138 ug/l
RT: 9.341 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

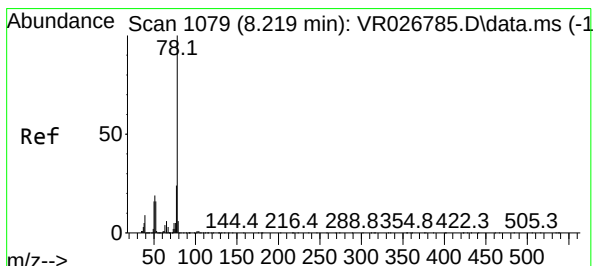
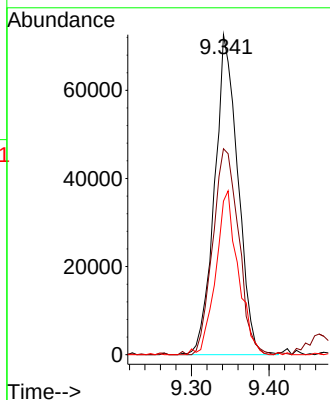
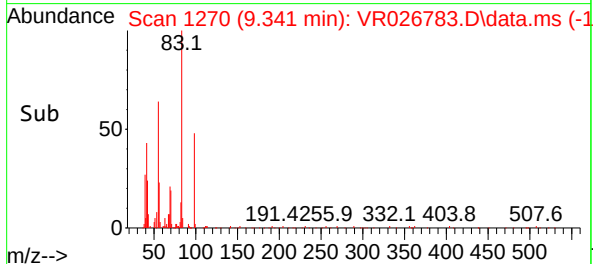
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC010



Tgt Ion: 83 Resp: 151785
Ion Ratio Lower Upper
83 100
55 64.3 57.1 85.7
98 48.0 39.4 59.2

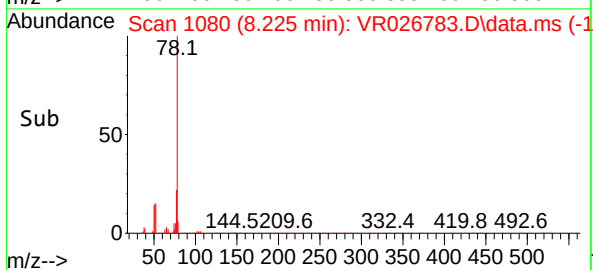
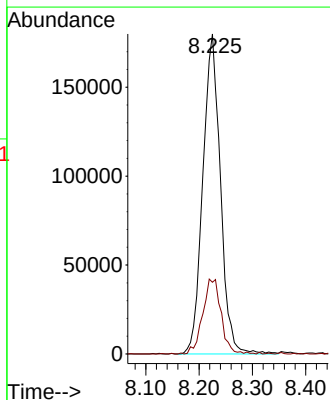
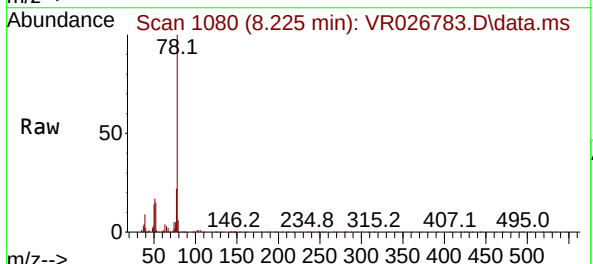
Manual Integrations
APPROVED

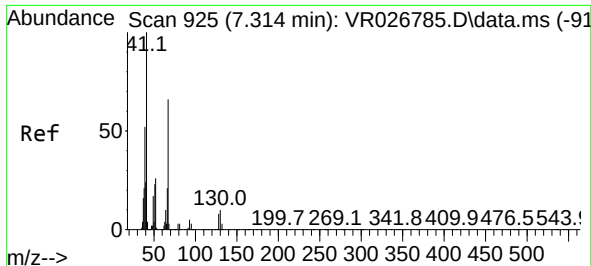
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#40
Benzene
Concen: 10.327 ug/l
RT: 8.225 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

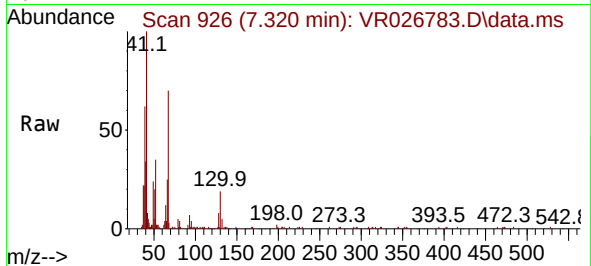
Tgt Ion: 78 Resp: 411852
Ion Ratio Lower Upper
78 100
77 22.4 19.3 28.9





#41
Methacrylonitrile
Concen: 9.837 ug/l
RT: 7.320 min Scan# 91
Delta R.T. 0.006 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

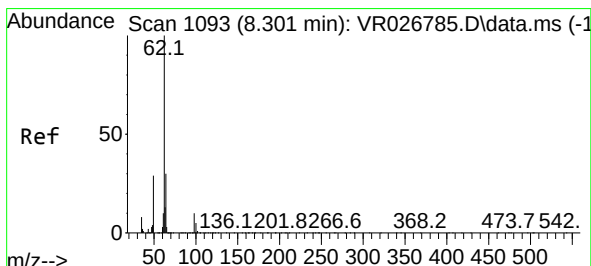
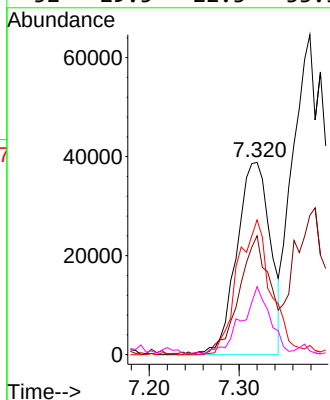
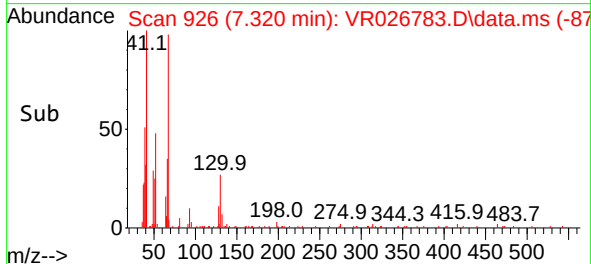
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010



Tgt Ion: 41 Resp: 10113
Ion Ratio Lower Upper
41 100
39 56.4 40.3 60.5
67 71.2 57.3 85.9
52 29.5 22.3 33.5

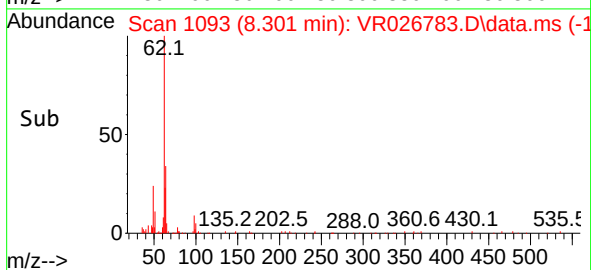
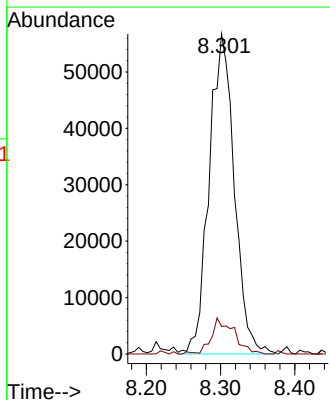
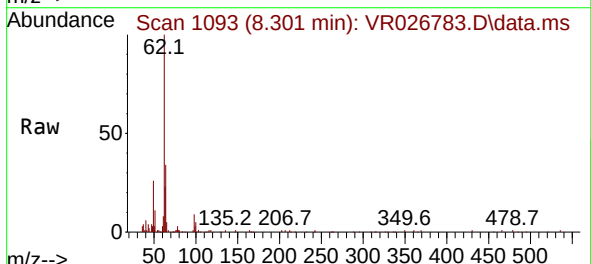
Manual Integrations
APPROVED

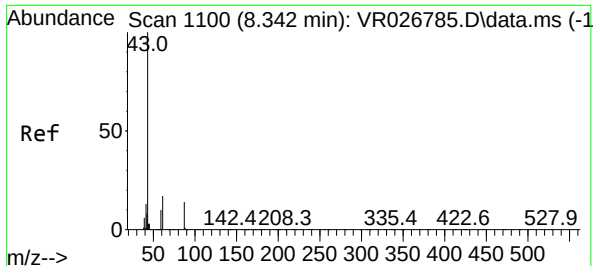
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#42
1,2-Dichloroethane
Concen: 10.278 ug/l
RT: 8.301 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

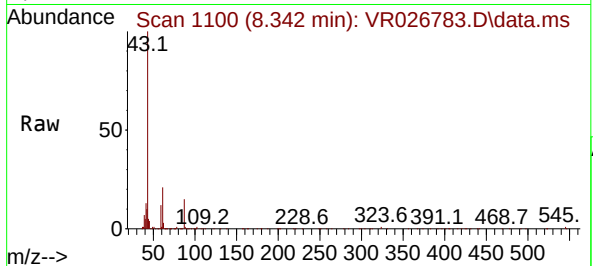
Tgt Ion: 62 Resp: 134306
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.4





#43
Isopropyl Acetate
Concen: 9.595 ug/l
RT: 8.342 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

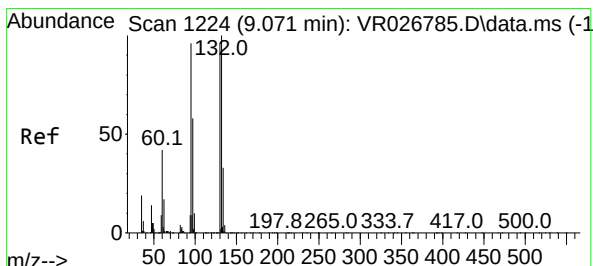
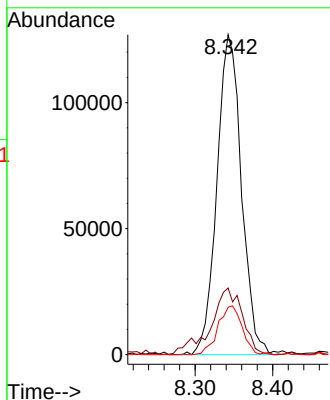
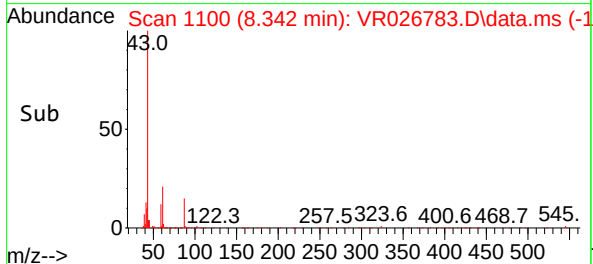
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 28025
Ion Ratio Lower Upper
43 100
61 24.2 20.0 30.0
87 15.0 10.5 15.7

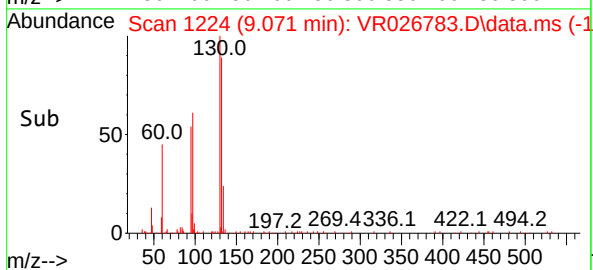
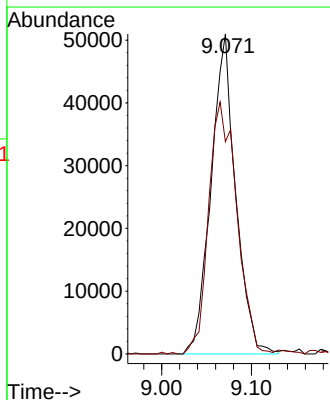
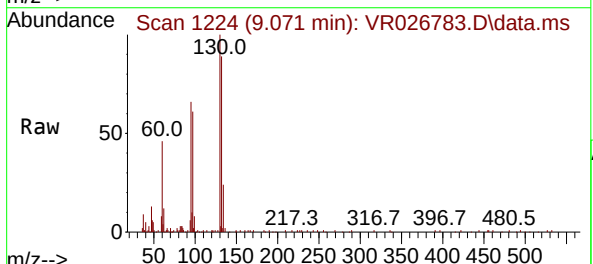
Manual Integrations
APPROVED

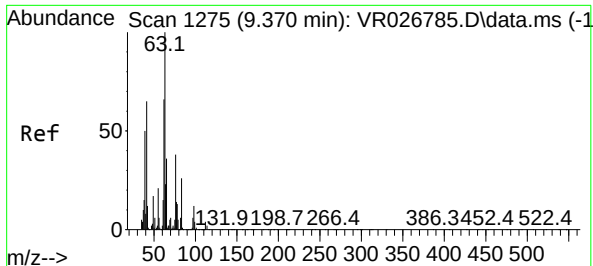
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#44
Trichloroethene
Concen: 10.190 ug/l
RT: 9.071 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

Tgt Ion:130 Resp: 96992
Ion Ratio Lower Upper
130 100
95 66.3 0.0 198.6





#45

1,2-Dichloropropane

Concen: 9.693 ug/l

RT: 9.371 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VR026783.D

Acq: 22 Oct 2025 13:52

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 10095

Ion Ratio Lower Upper

63 100

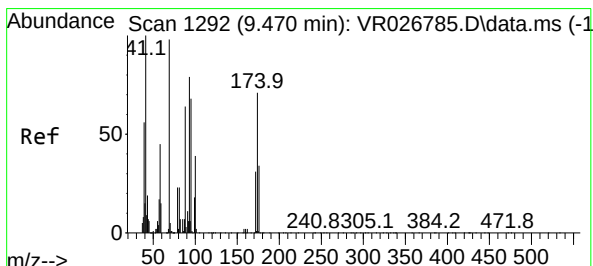
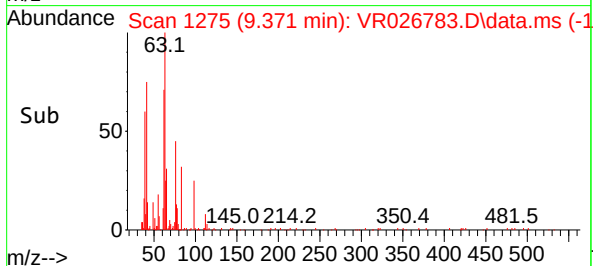
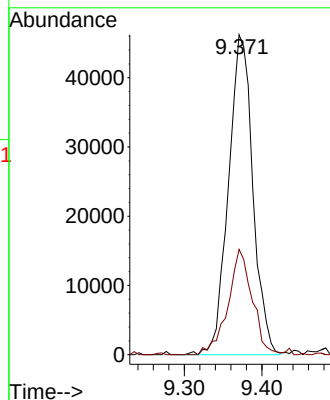
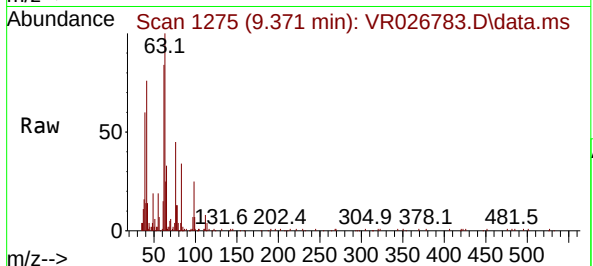
65 32.9 28.6 43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#46

Dibromomethane

Concen: 9.856 ug/l

RT: 9.470 min Scan# 1292

Delta R.T. 0.000 min

Lab File: VR026783.D

Acq: 22 Oct 2025 13:52

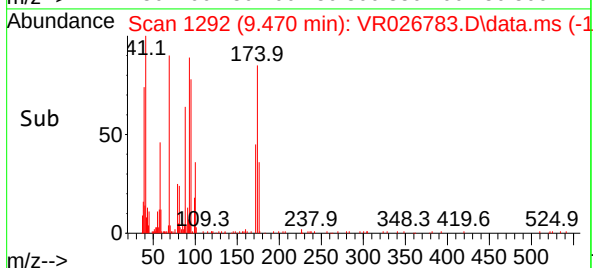
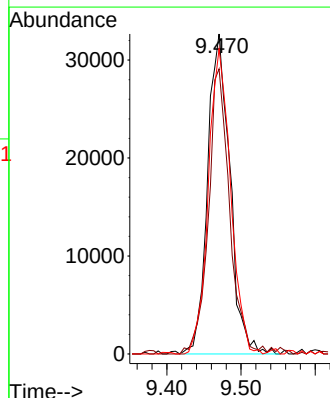
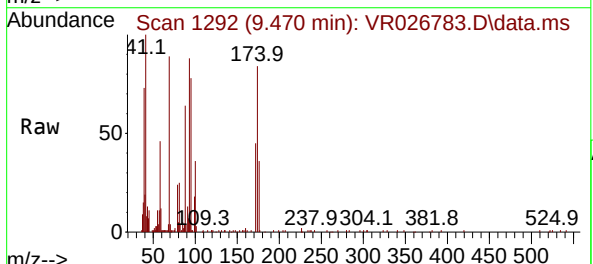
Tgt Ion: 93 Resp: 68128

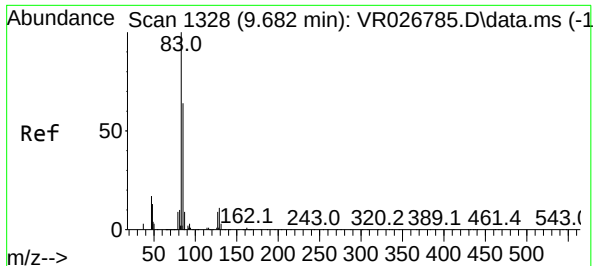
Ion Ratio Lower Upper

93 100

95 84.5 67.0 100.4

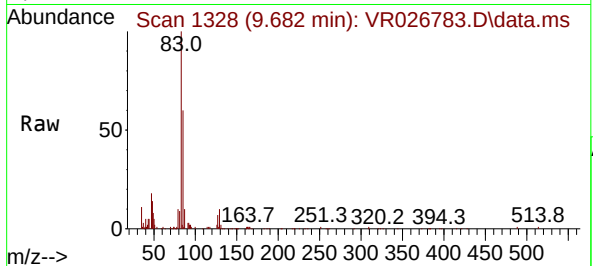
174 95.4 71.1 106.7





#47
Bromodichloromethane
Concen: 9.523 ug/l
RT: 9.682 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

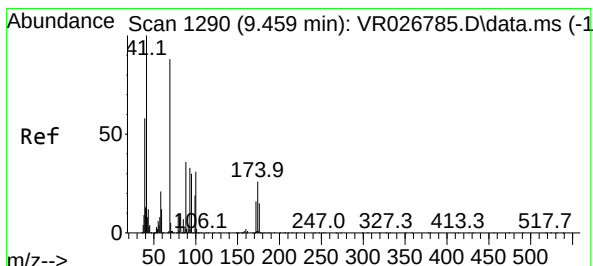
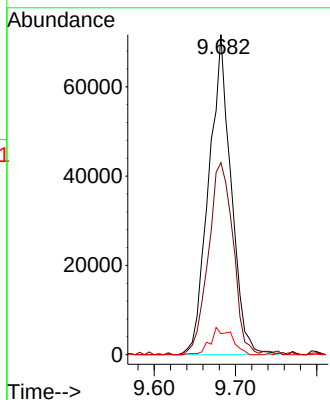
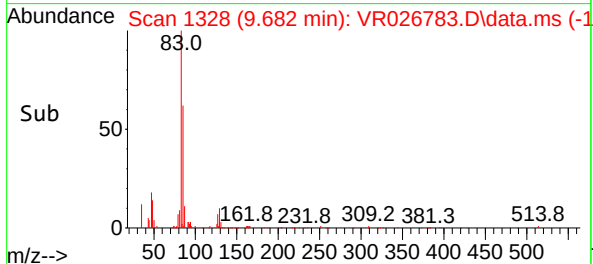
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 136950
Ion Ratio Lower Upper
83 100
85 60.0 51.0 76.4
127 6.6 6.9 10.3

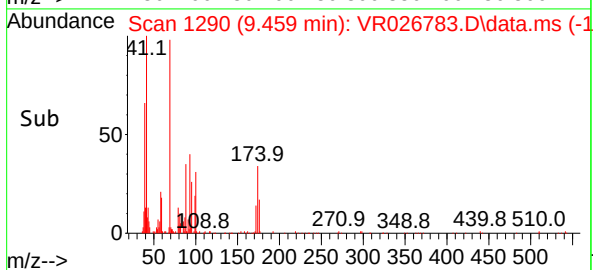
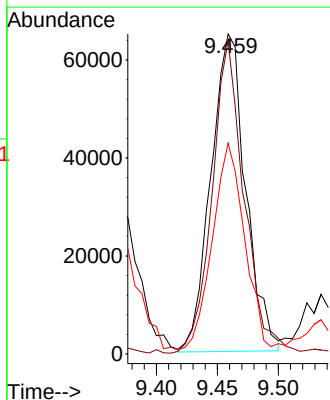
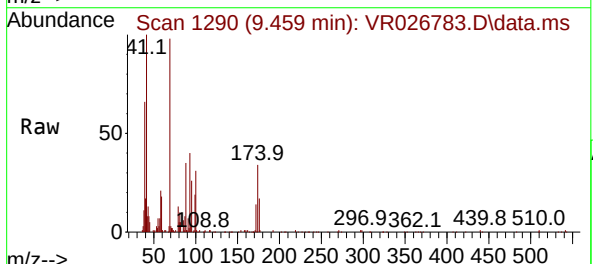
Manual Integrations
APPROVED

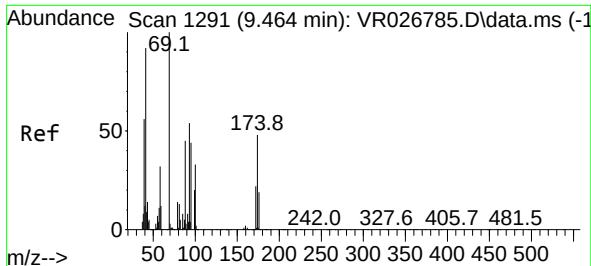
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#48
Methyl methacrylate
Concen: 9.403 ug/l
RT: 9.459 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

Tgt Ion: 41 Resp: 129056
Ion Ratio Lower Upper
41 100
69 90.2 70.2 105.4
39 62.6 48.7 73.1





#49

1,4-Dioxane

Concen: 193.004 ug/l

RT: 9.470 min Scan# 11

Delta R.T. 0.006 min

Lab File: VR026783.D

Acq: 22 Oct 2025 13:52

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC010

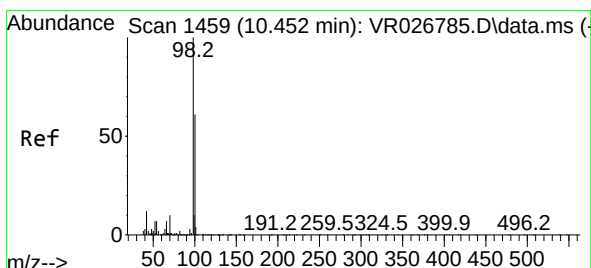
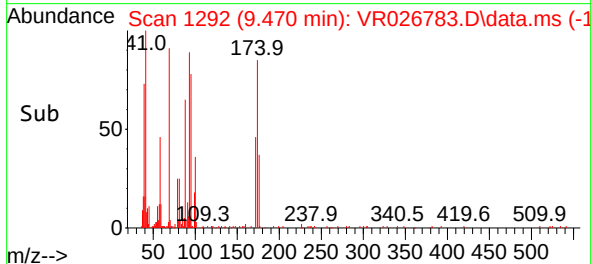
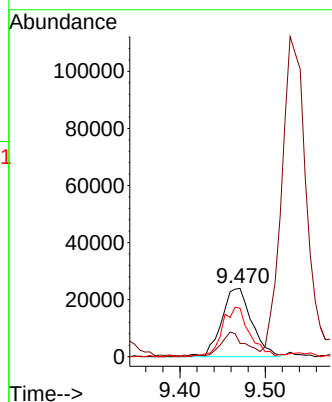
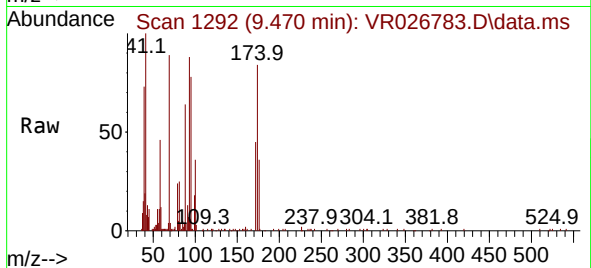
Tgt Ion: 88	Resp: 58294
Ion Ratio	Lower Upper
88 100	
43 29.8	23.4 35.2
58 66.7	52.7 79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#50

Toluene-d8

Concen: 10.193 ug/l

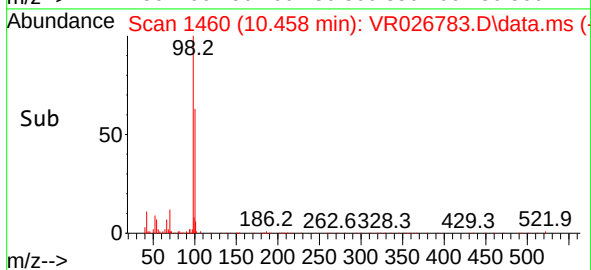
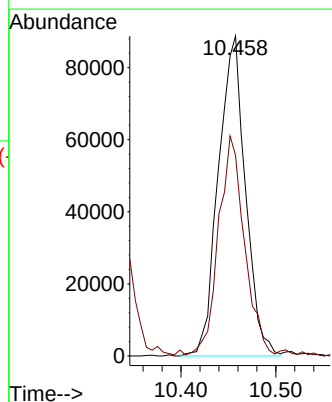
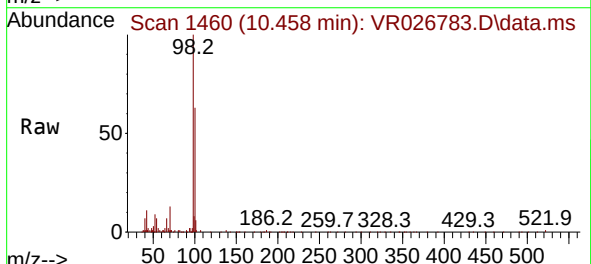
RT: 10.458 min Scan# 1460

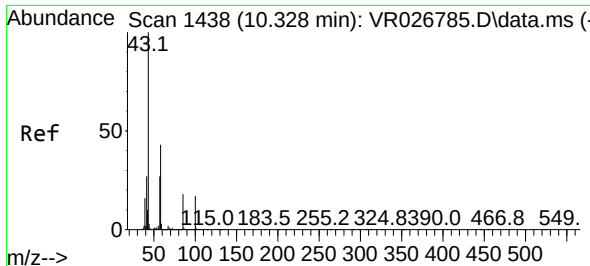
Delta R.T. 0.006 min

Lab File: VR026783.D

Acq: 22 Oct 2025 13:52

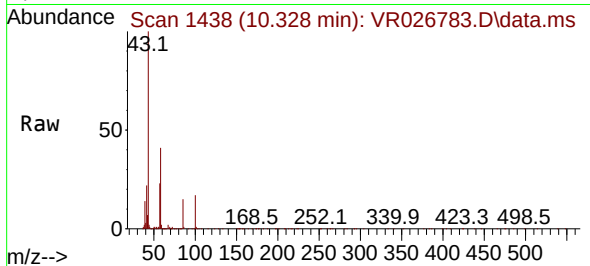
Tgt Ion: 98	Resp: 176244
Ion Ratio	Lower Upper
98 100	
100 65.1	52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 49.984 ug/l
RT: 10.328 min Scan# 1438
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

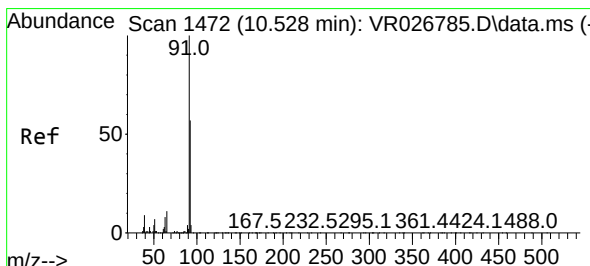
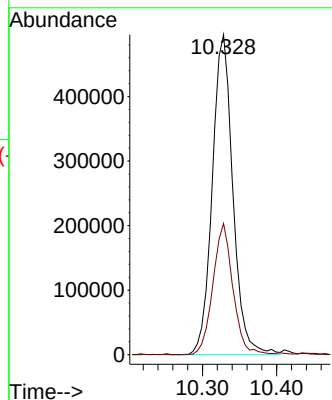
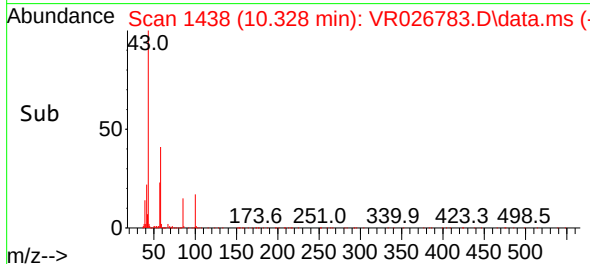
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010



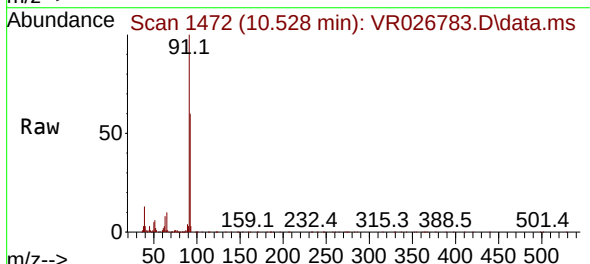
Tgt Ion: 43 Resp: 957240
Ion Ratio Lower Upper
43 100
58 39.6 33.1 49.7

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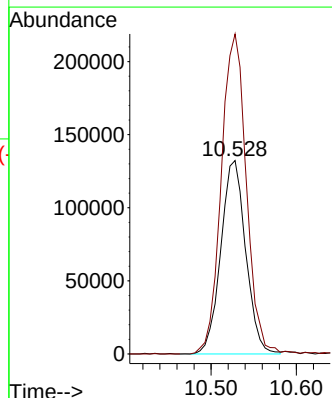
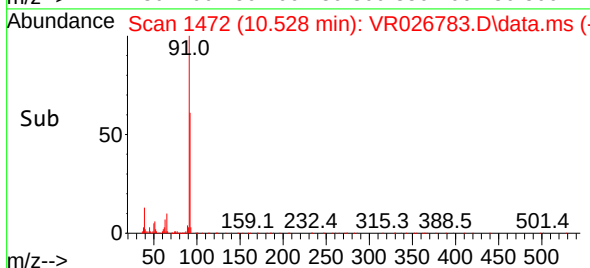
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

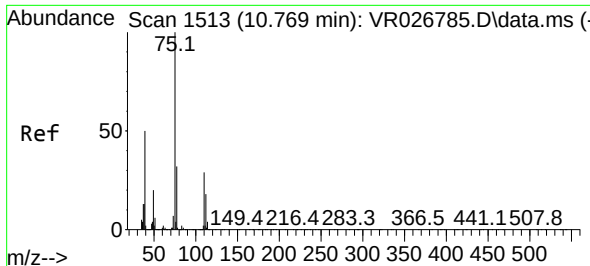


#52
Toluene
Concen: 9.995 ug/l
RT: 10.528 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52



Tgt Ion: 92 Resp: 268535
Ion Ratio Lower Upper
92 100
91 166.6 139.6 209.4





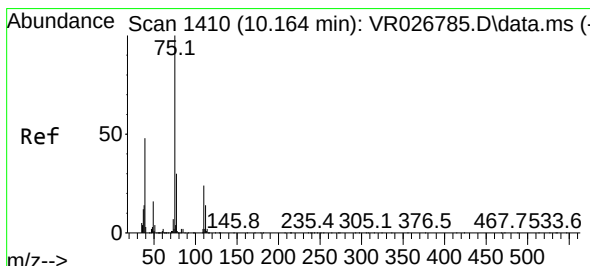
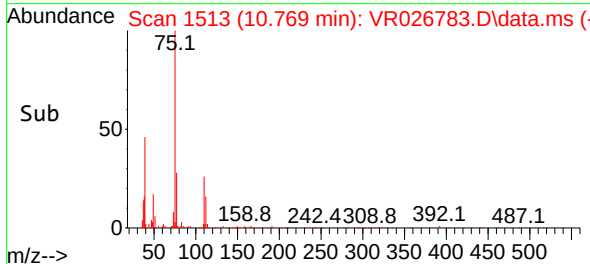
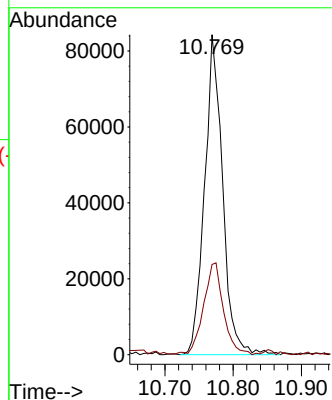
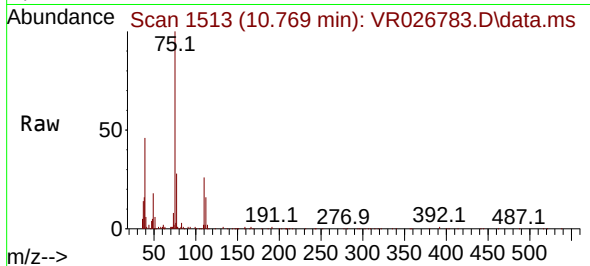
#53
 t-1,3-Dichloropropene
 Concen: 9.460 ug/l
 RT: 10.769 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VR026783.D
 Acq: 22 Oct 2025 13:52

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC010

Tgt Ion: 75 Resp: 155234
 Ion Ratio Lower Upper
 75 100
 77 27.4 25.4 38.2

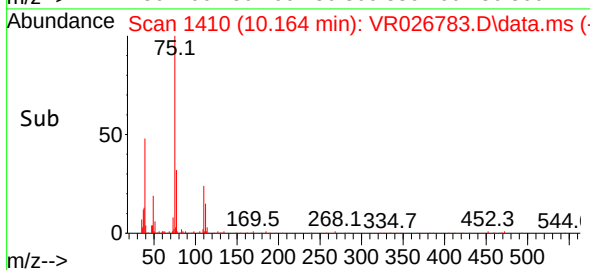
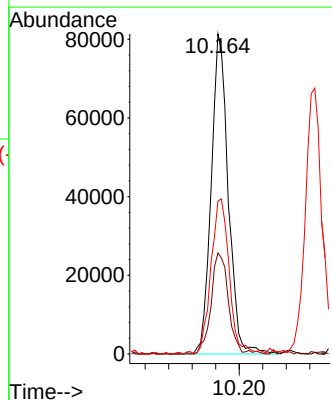
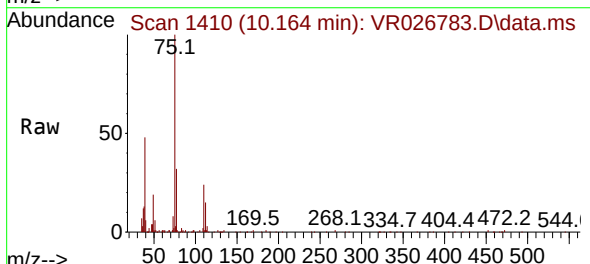
Manual Integrations
 APPROVED

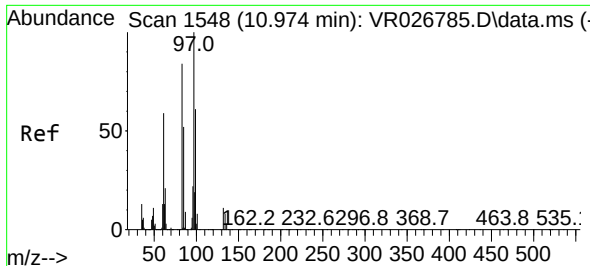
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#54
 cis-1,3-Dichloropropene
 Concen: 9.585 ug/l
 RT: 10.164 min Scan# 1410
 Delta R.T. 0.000 min
 Lab File: VR026783.D
 Acq: 22 Oct 2025 13:52

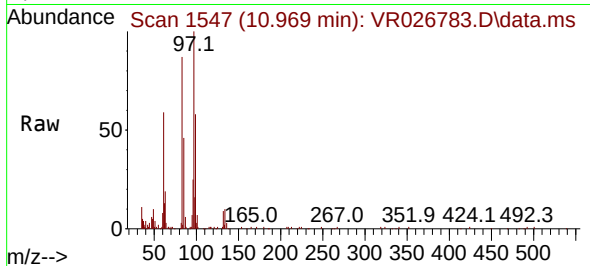
Tgt Ion: 75 Resp: 163636
 Ion Ratio Lower Upper
 75 100
 77 31.5 23.7 35.5
 39 47.4 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 9.939 ug/l
RT: 10.969 min Scan# 1547
Delta R.T. -0.006 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

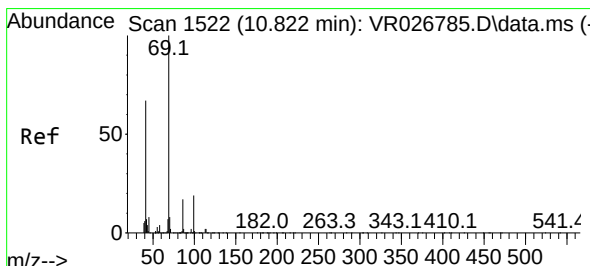
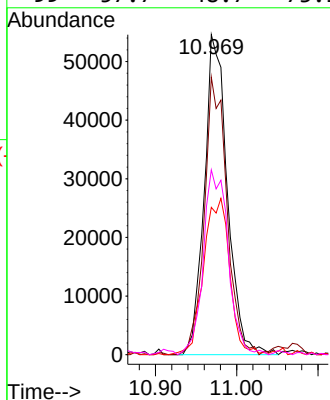
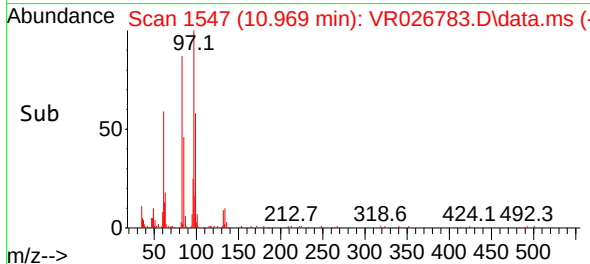
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010



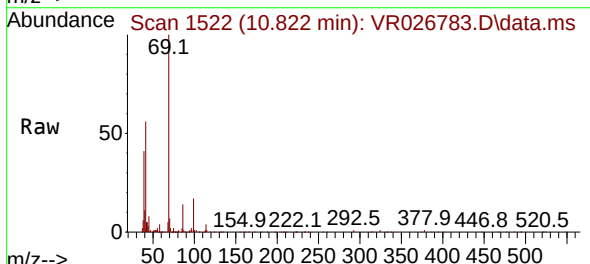
Tgt Ion: 97 Resp: 107882
Ion Ratio Lower Upper
97 100
83 86.7 67.0 100.6
85 45.3 41.8 62.8
99 57.7 48.7 73.1

Manual Integrations
APPROVED

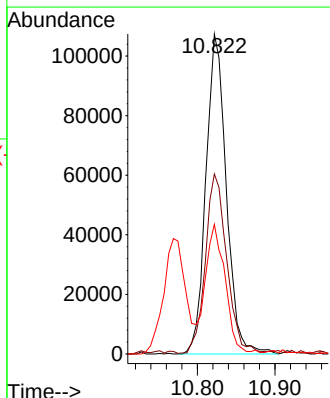
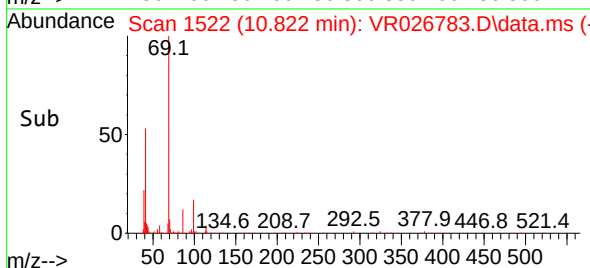
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

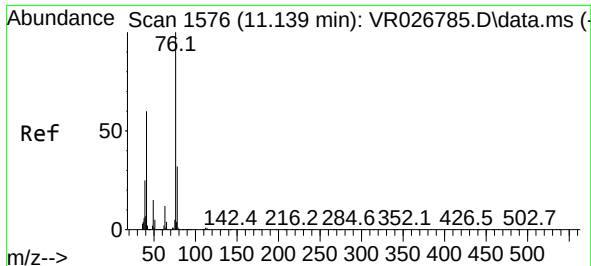


#56
Ethyl methacrylate
Concen: 9.769 ug/l
RT: 10.822 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52



Tgt Ion: 69 Resp: 196310
Ion Ratio Lower Upper
69 100
41 58.8 52.7 79.1
39 38.5 30.6 46.0





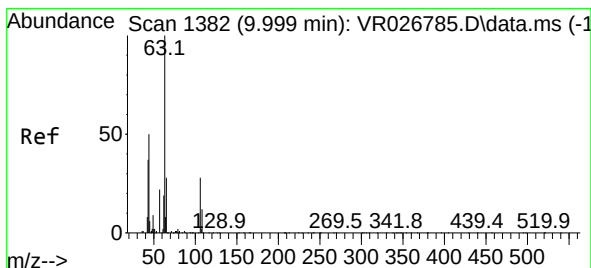
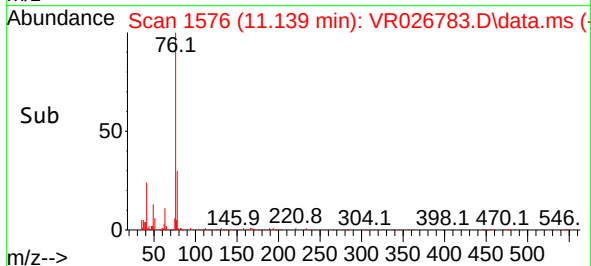
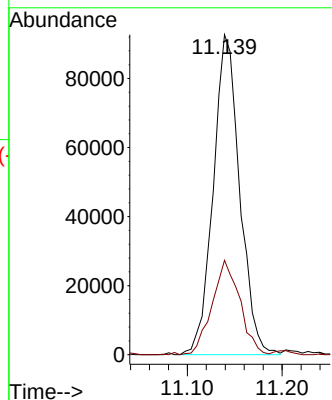
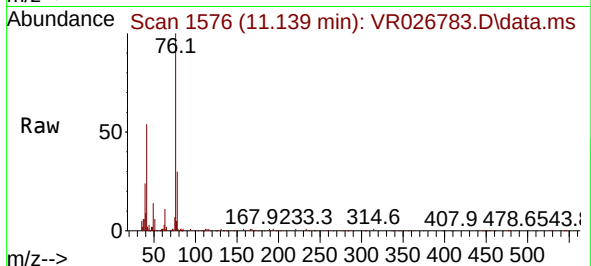
#57
1,3-Dichloropropane
Concen: 9.891 ug/l
RT: 11.139 min Scan# 1576
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

Instrument : MSVOA_R
ClientSampleId : VSTDIC010

Tgt Ion: 76 Resp: 18007
Ion Ratio Lower Upper
76 100
78 30.8 26.7 40.1

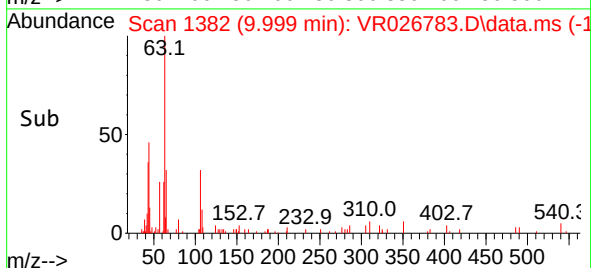
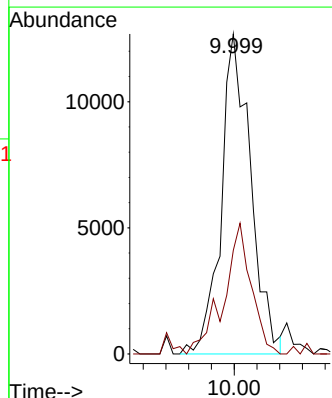
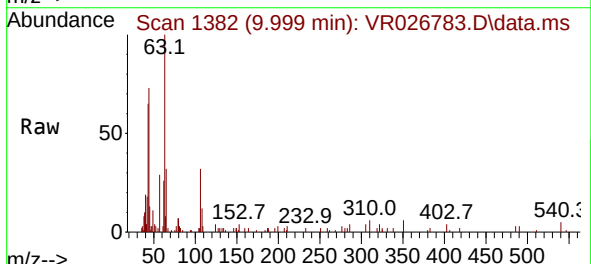
Manual Integrations
APPROVED

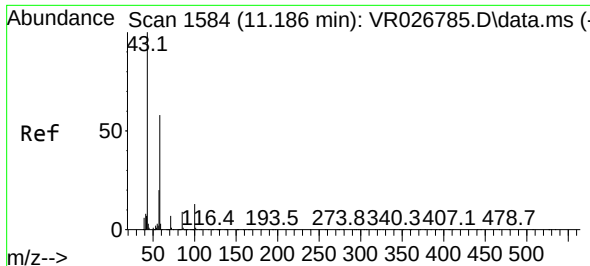
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#58
2-Chloroethyl Vinyl ether
Concen: 39.505 ug/l
RT: 9.999 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

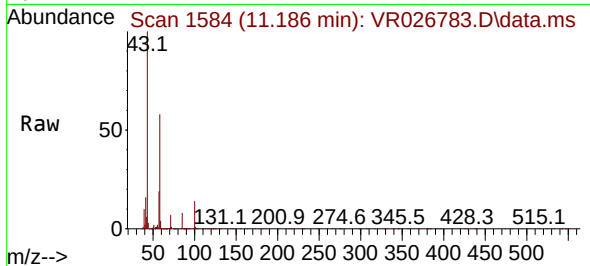
Tgt Ion: 63 Resp: 22834
Ion Ratio Lower Upper
63 100
106 38.1 23.0 34.4





#59
2-Hexanone
Concen: 46.581 ug/l
RT: 11.186 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

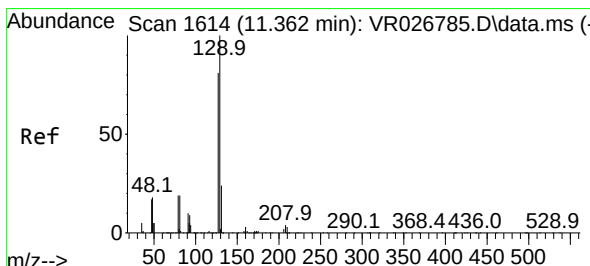
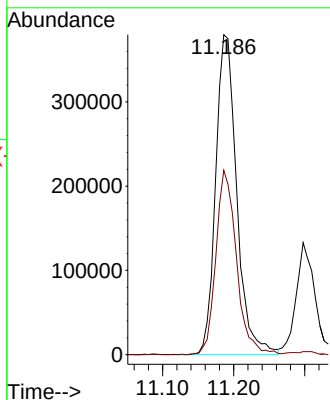
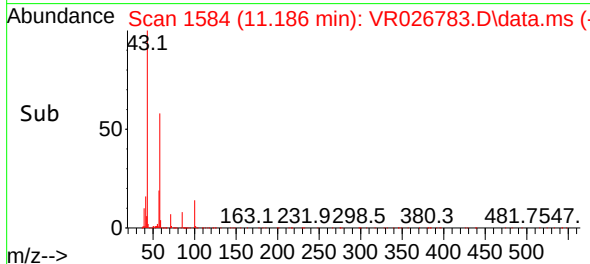
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010



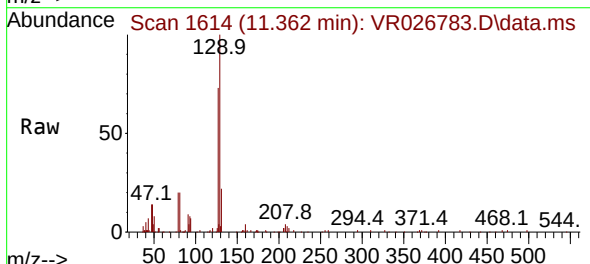
Tgt Ion: 43 Resp: 780139
Ion Ratio Lower Upper
43 100
58 56.4 28.4 85.2

Manual Integrations
APPROVED

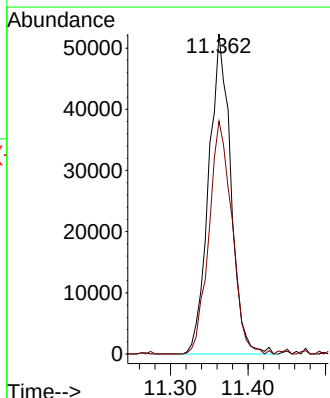
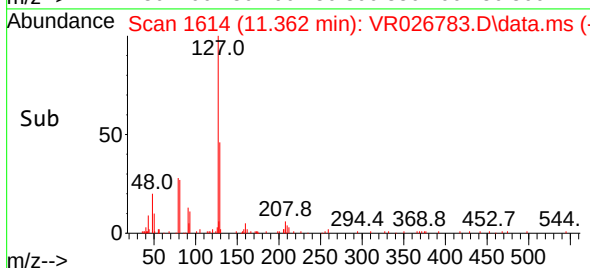
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

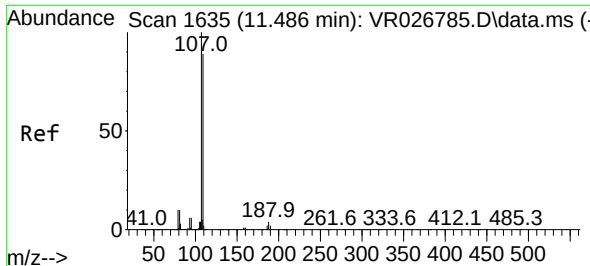


#60
Dibromochloromethane
Concen: 9.295 ug/l
RT: 11.362 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52



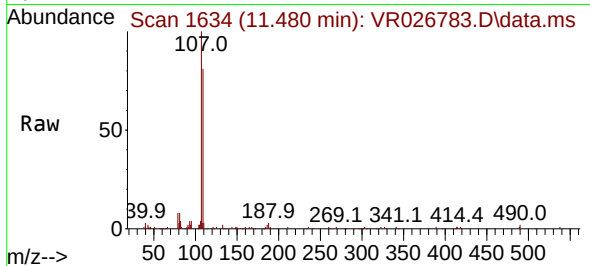
Tgt Ion:129 Resp: 103152
Ion Ratio Lower Upper
129 100
127 76.0 39.5 118.3





#61
1,2-Dibromoethane
Concen: 9.959 ug/l
RT: 11.480 min Scan# 1635
Delta R.T. -0.006 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

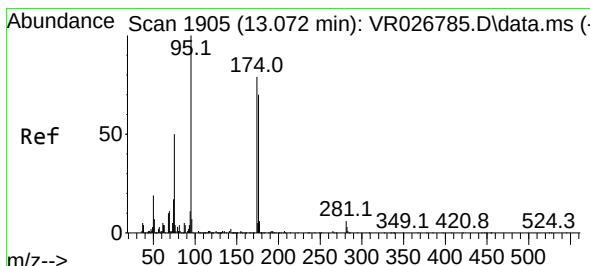
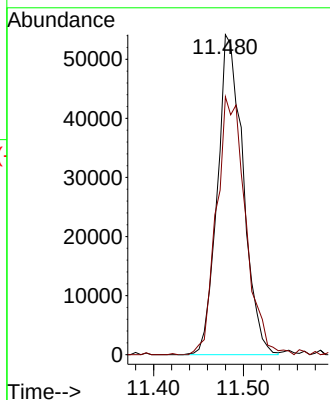
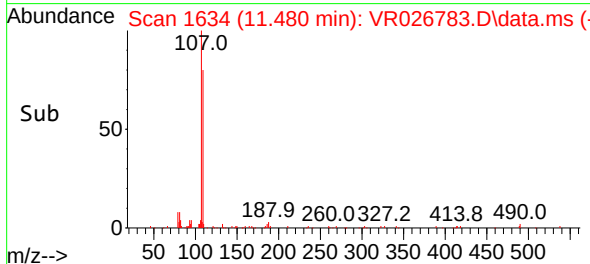
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010



Tgt Ion:107 Resp: 107529
Ion Ratio Lower Upper
107 100
109 90.9 73.9 110.9

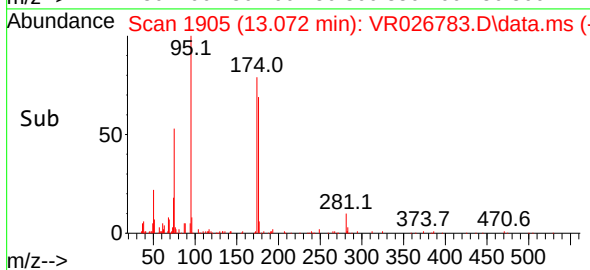
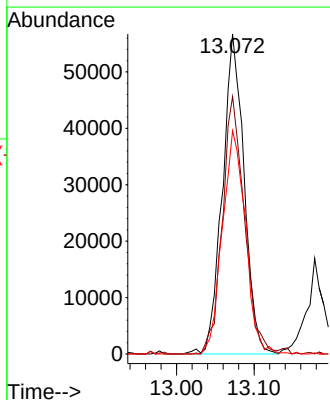
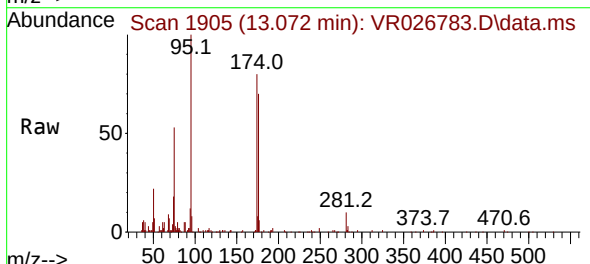
Manual Integrations
APPROVED

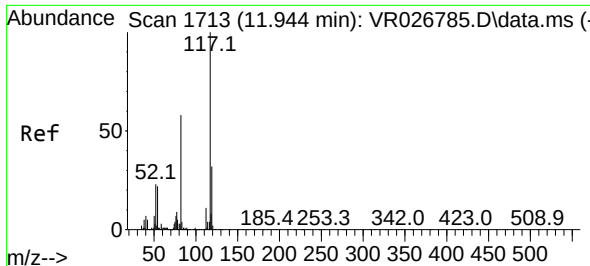
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#62
4-Bromofluorobenzene
Concen: 9.663 ug/l
RT: 13.072 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

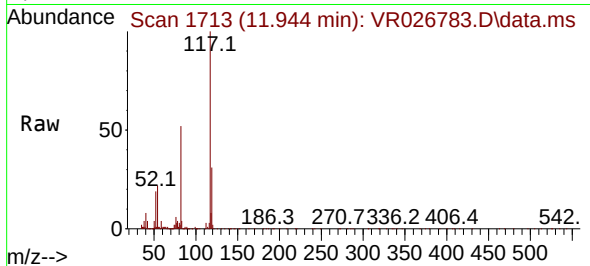
Tgt Ion: 95 Resp: 110023
Ion Ratio Lower Upper
95 100
174 81.9 0.0 150.0
176 74.5 0.0 149.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.944 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

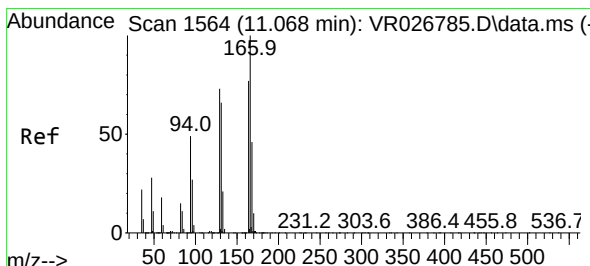
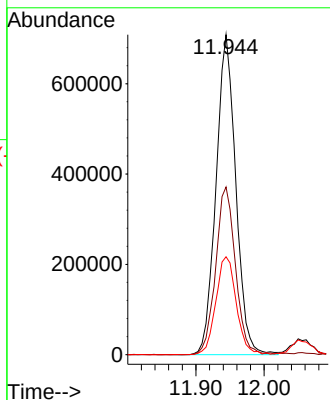
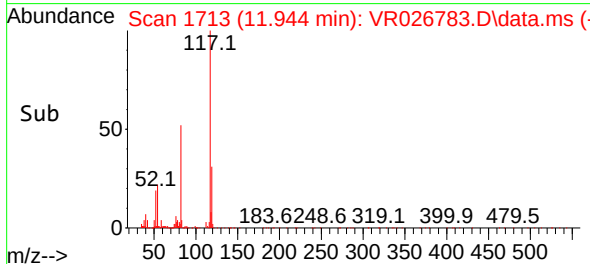
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010



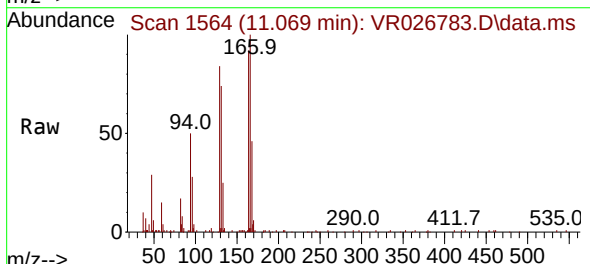
Tgt Ion:117 Resp: 142872
Ion Ratio Lower Upper
117 100
82 52.4 46.2 69.2
119 30.6 25.4 38.2

Manual Integrations
APPROVED

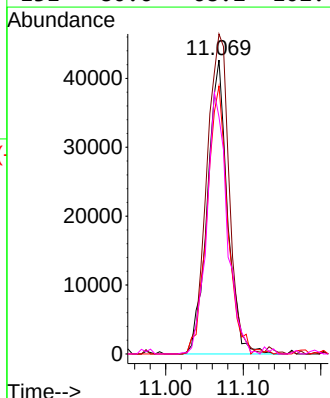
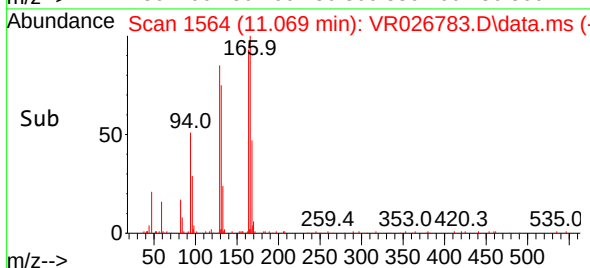
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

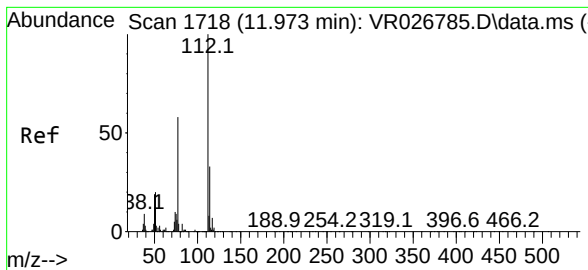


#64
Tetrachloroethene
Concen: 10.237 ug/l
RT: 11.069 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52



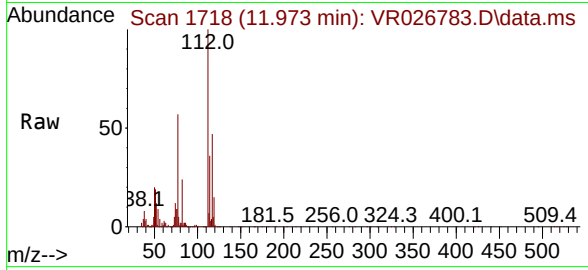
Tgt Ion:164 Resp: 76813
Ion Ratio Lower Upper
164 100
166 108.9 103.8 155.8
129 91.2 76.0 114.0
131 80.6 68.2 102.4





#65
 Chlorobenzene
 Concen: 10.242 ug/l
 RT: 11.973 min Scan# 1718
 Delta R.T. 0.000 min
 Lab File: VR026783.D
 Acq: 22 Oct 2025 13:52

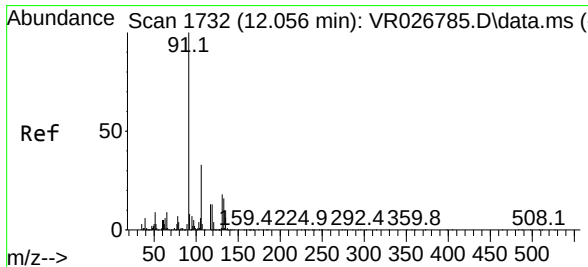
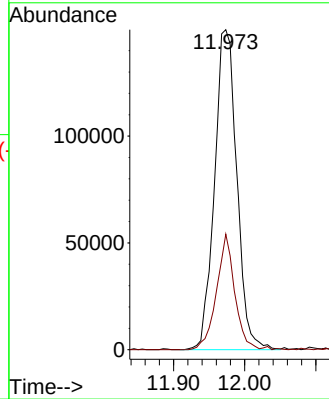
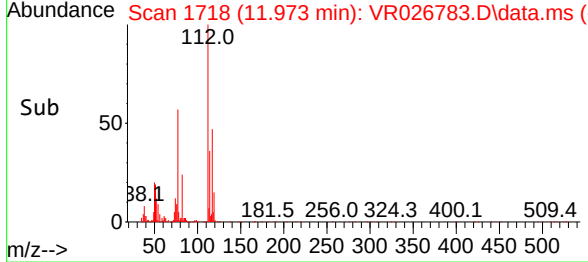
Instrument : MSVOA_R
 ClientSampleId : VSTDIC010



Tgt Ion: 112 Resp: 32559
 Ion Ratio Lower Upper
 112 100
 114 36.1 26.2 39.2

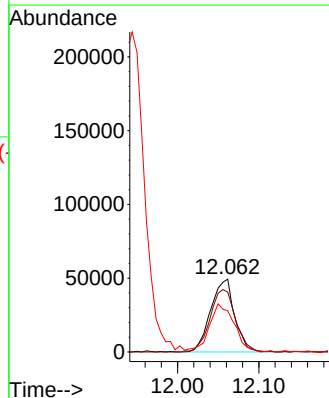
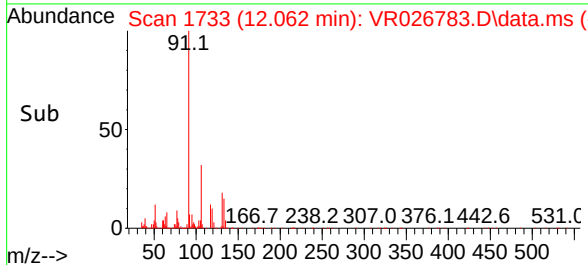
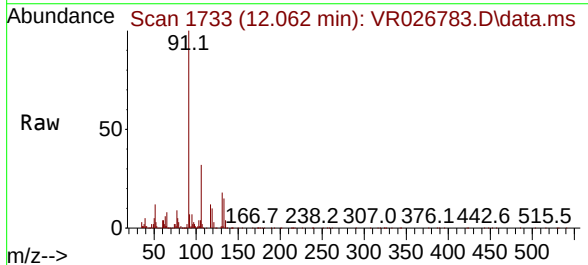
Manual Integrations
 APPROVED

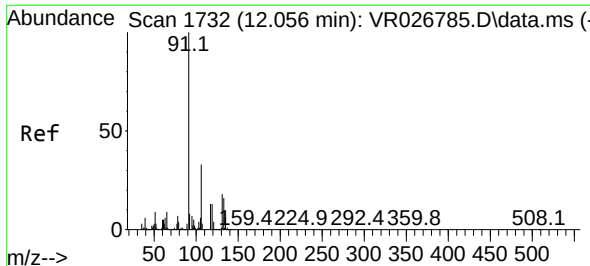
Reviewed By : John Carlone 10/24/2025
 Supervised By : Mahesh Dadoda 10/27/2025



#66
 1,1,1,2-Tetrachloroethane
 Concen: 10.289 ug/l
 RT: 12.062 min Scan# 1733
 Delta R.T. 0.006 min
 Lab File: VR026783.D
 Acq: 22 Oct 2025 13:52

Tgt Ion: 131 Resp: 100867
 Ion Ratio Lower Upper
 131 100
 133 91.0 47.3 141.9
 119 68.4 33.9 101.7





#67

Ethyl Benzene

Concen: 10.134 ug/l

RT: 12.062 min Scan# 1733

Delta R.T. 0.006 min

Lab File: VR026783.D

Acq: 22 Oct 2025 13:52

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC010

Tgt Ion: 91 Resp: 539180

Ion Ratio Lower Upper

91 100

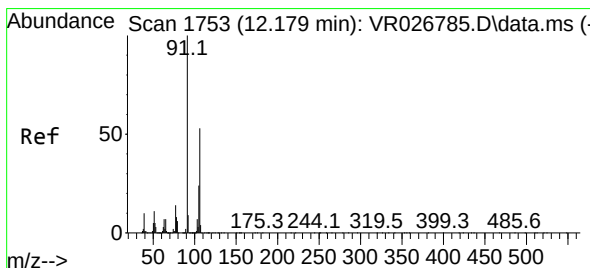
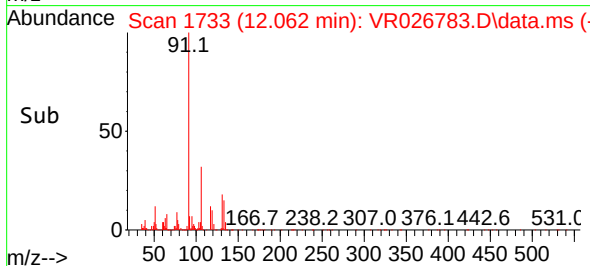
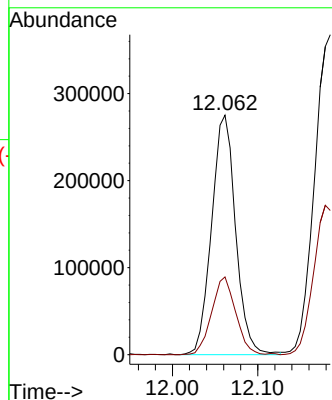
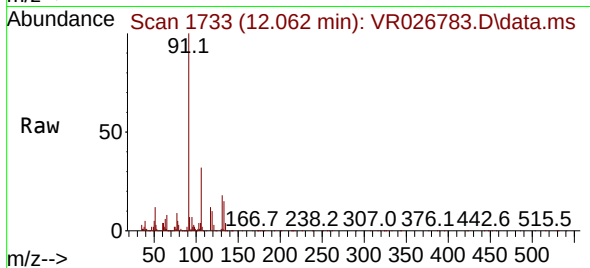
106 32.5 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#68

m/p-Xylenes

Concen: 20.264 ug/l

RT: 12.179 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VR026783.D

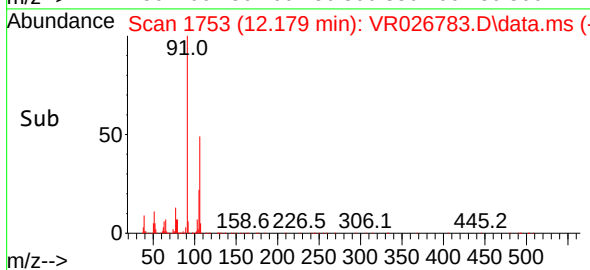
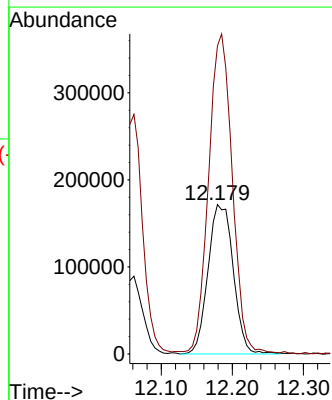
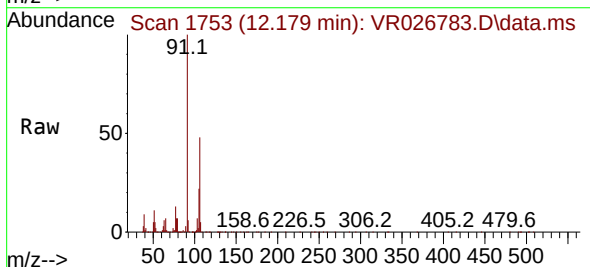
Acq: 22 Oct 2025 13:52

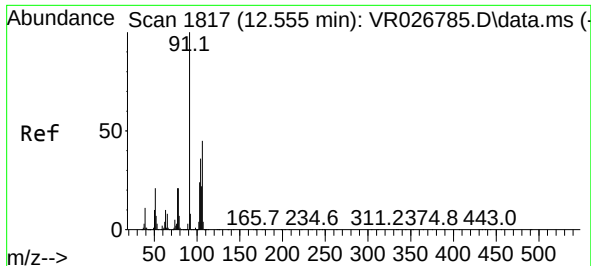
Tgt Ion:106 Resp: 423128

Ion Ratio Lower Upper

106 100

91 199.5 153.7 230.5





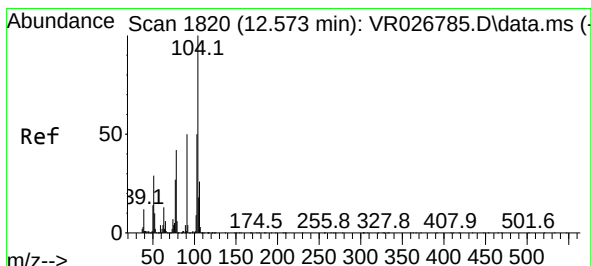
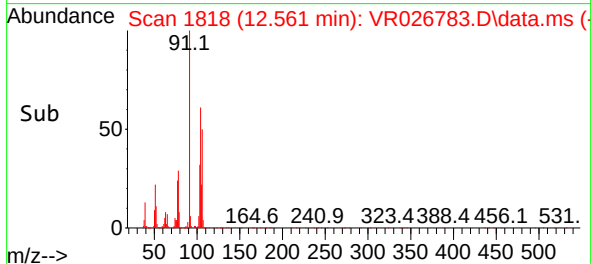
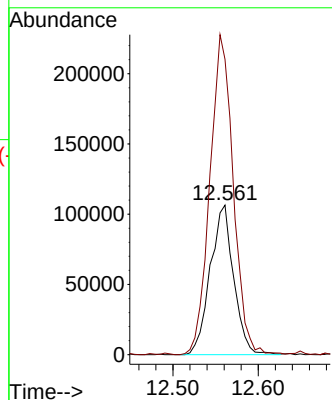
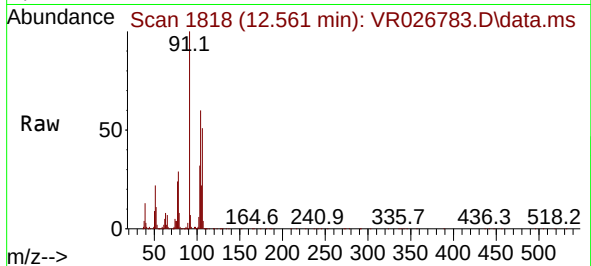
#69
o-Xylene
Concen: 9.740 ug/l
RT: 12.561 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 203800
Ion Ratio Lower Upper
106 100
91 213.4 104.0 312.0

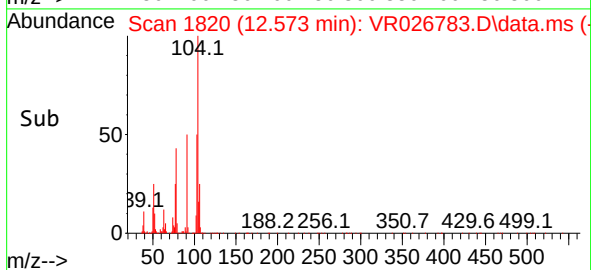
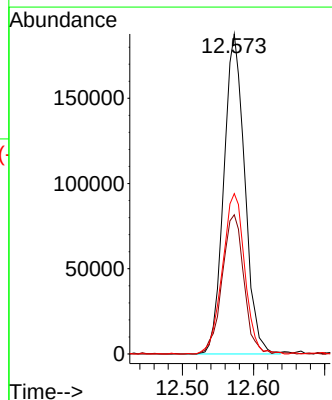
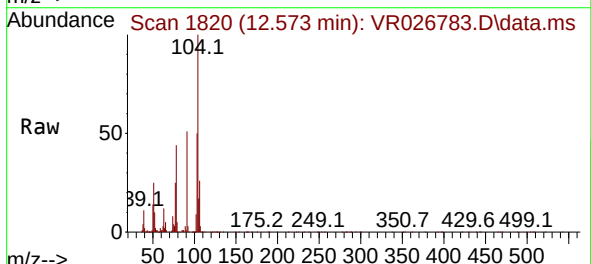
Manual Integrations
APPROVED

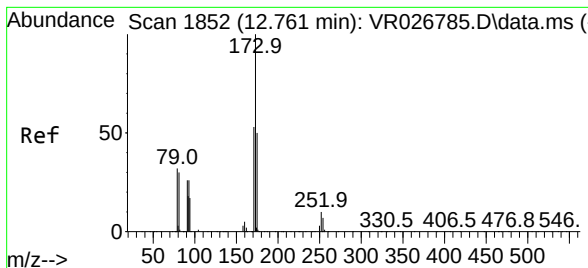
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#70
Styrene
Concen: 10.011 ug/l
RT: 12.573 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

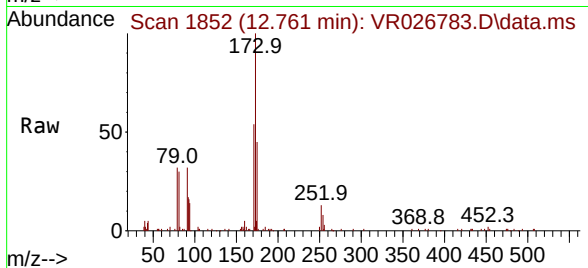
Tgt Ion:104 Resp: 383218
Ion Ratio Lower Upper
104 100
78 45.3 38.0 57.0
103 53.4 43.2 64.8





#71
Bromoform
Concen: 9.324 ug/l
RT: 12.761 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

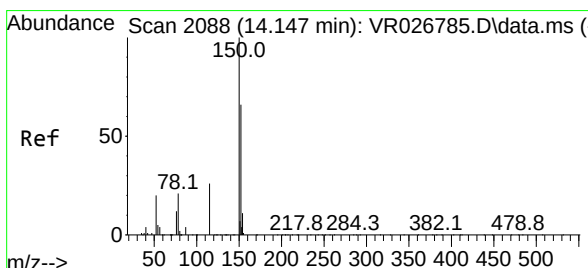
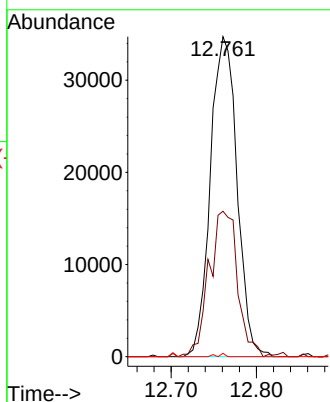
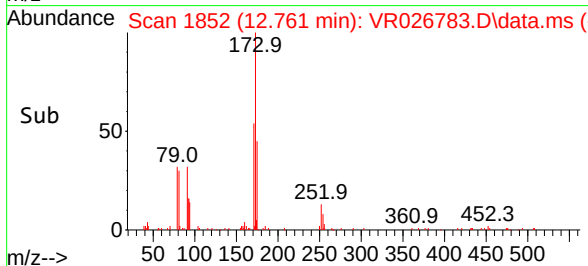
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010



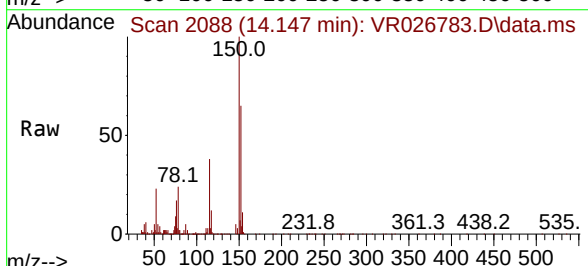
Tgt Ion:173 Resp: 7546
Ion Ratio Lower Upper
173 100
175 48.6 24.0 72.0
254 0.3 0.0 0.0

Manual Integrations
APPROVED

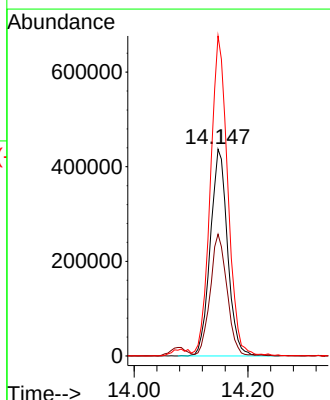
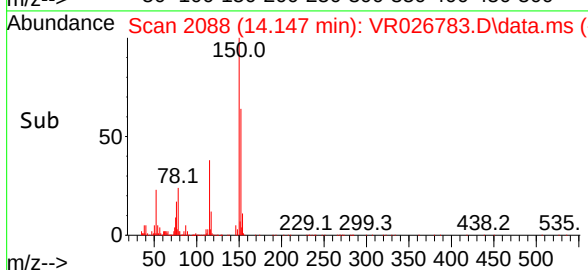
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

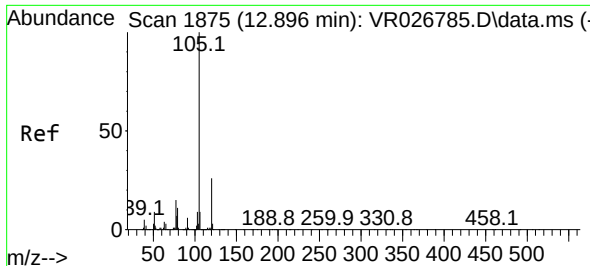


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.147 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52



Tgt Ion:152 Resp: 921173
Ion Ratio Lower Upper
152 100
115 56.4 29.9 89.7
150 156.1 0.0 340.0





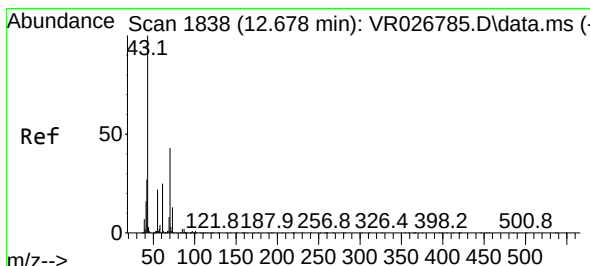
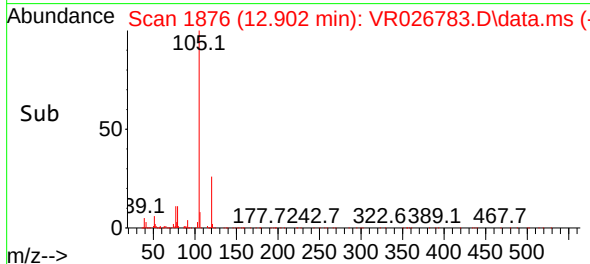
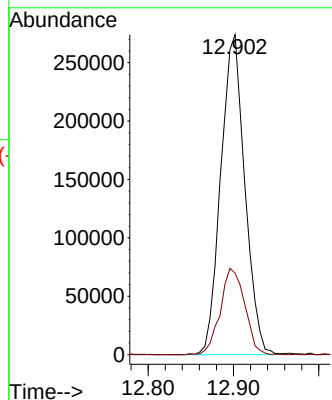
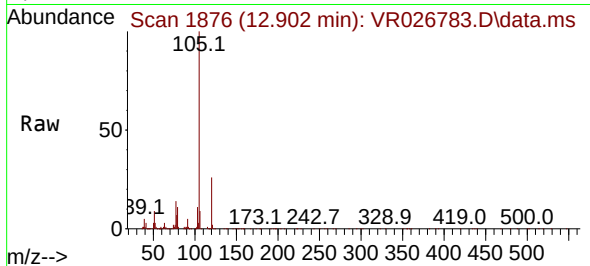
#73
Isopropylbenzene
Concen: 9.981 ug/l
RT: 12.902 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

Instrument :
MSVOA_R
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 53710
Ion Ratio Lower Upper
105 100
120 27.4 13.6 40.8

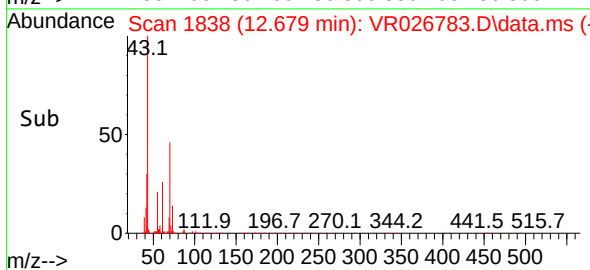
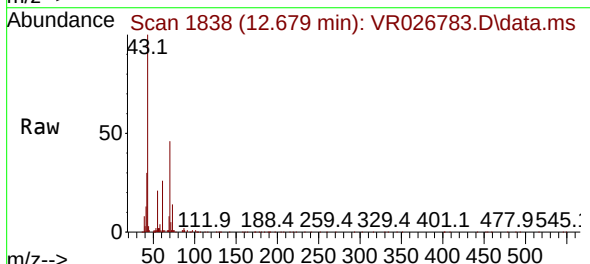
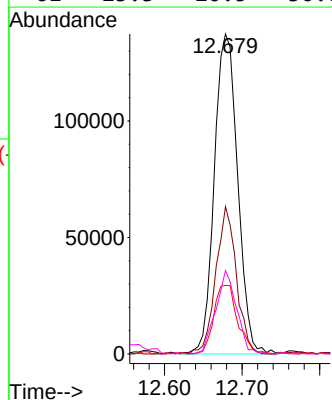
Manual Integrations
APPROVED

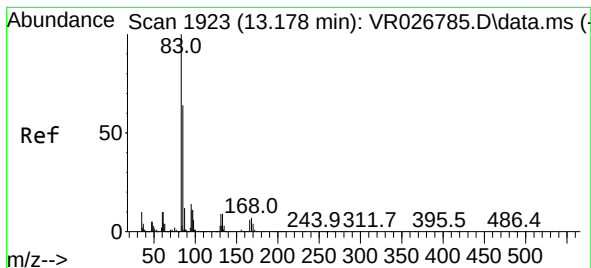
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#74
N-ethyl acetate
Concen: 9.599 ug/l
RT: 12.679 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

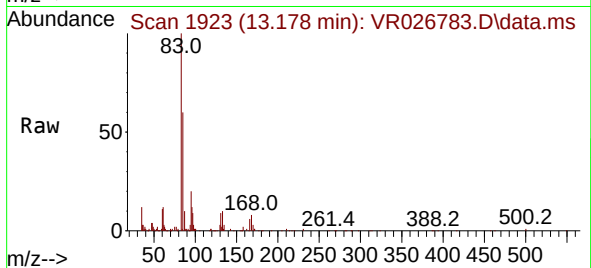
Tgt Ion: 43 Resp: 287969
Ion Ratio Lower Upper
43 100
70 40.6 35.2 52.8
55 21.9 17.8 26.6
61 23.3 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 9.027 ug/l
RT: 13.178 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

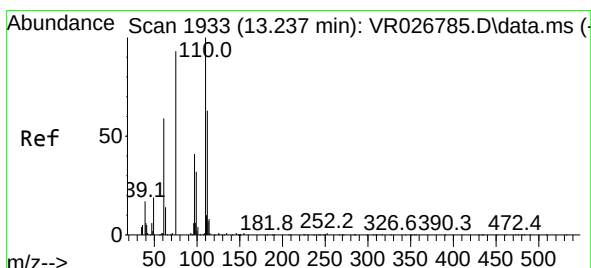
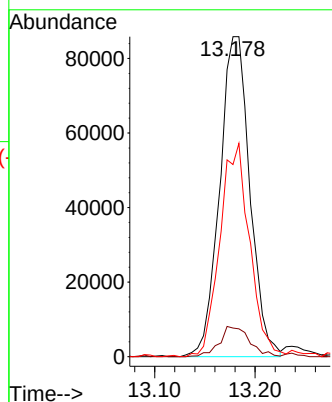
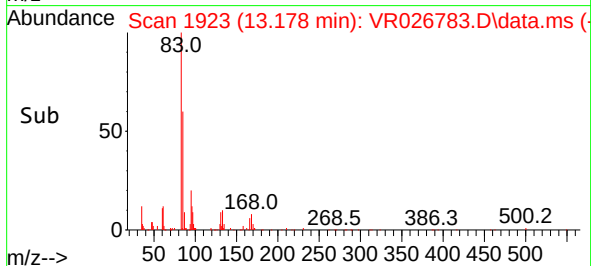
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 179679
Ion Ratio Lower Upper
83 100
131 9.4 4.4 13.2
85 65.4 32.4 97.0

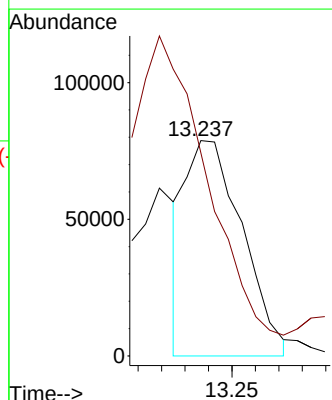
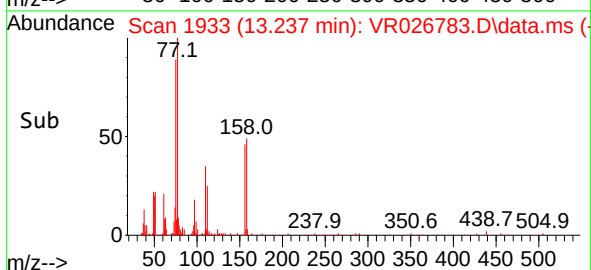
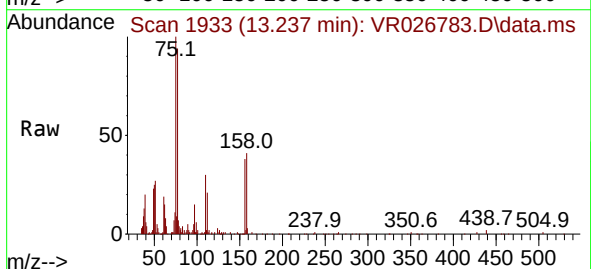
Manual Integrations
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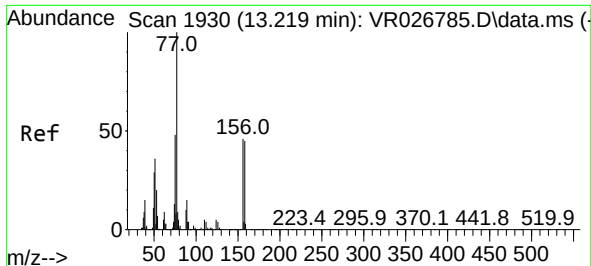
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#76
1,2,3-Trichloropropane
Concen: 7.983 ug/l m
RT: 13.237 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

Tgt Ion: 75 Resp: 133230
Ion Ratio Lower Upper
75 100
77 214.8 87.9 263.7





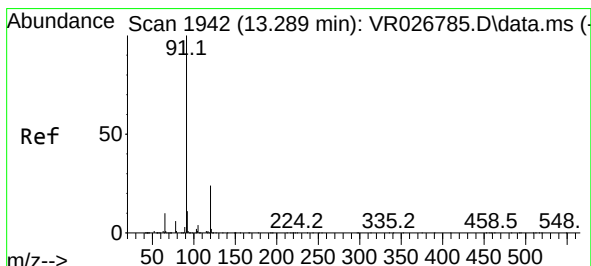
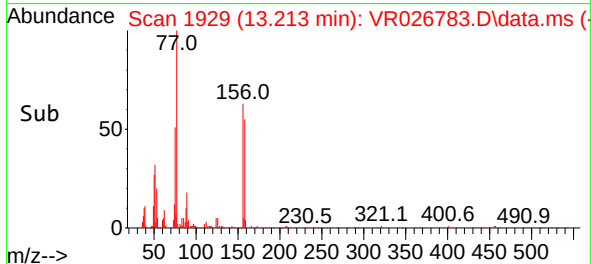
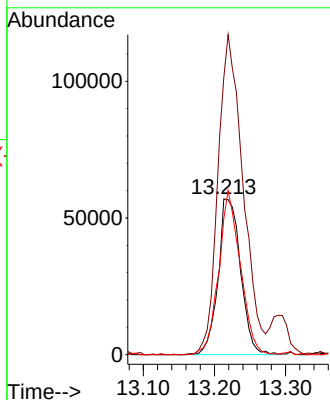
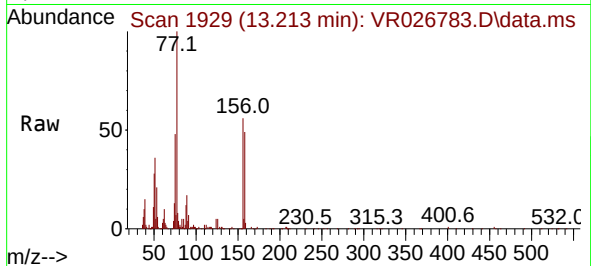
#77
Bromobenzene
Concen: 9.507 ug/l
RT: 13.213 min Scan# 1930
Delta R.T. -0.006 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

Tgt Ion:156 Resp: 12490
Ion Ratio Lower Upper
156 100
77 229.1 120.5 361.5
158 101.4 49.6 148.8

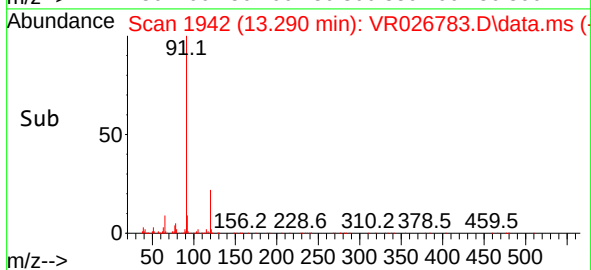
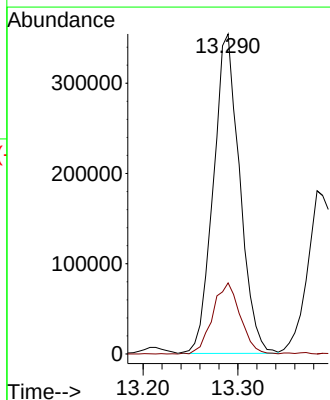
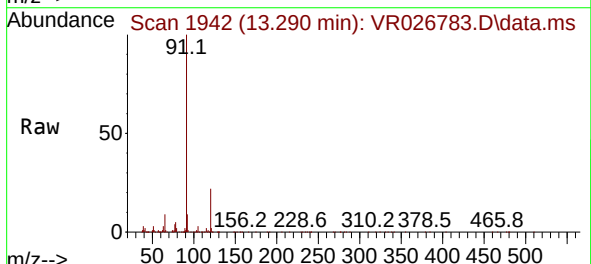
Manual Integrations
APPROVED

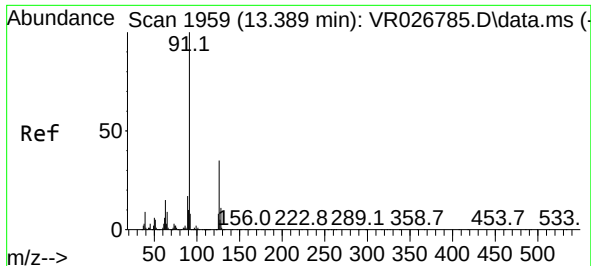
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#78
n-propylbenzene
Concen: 10.316 ug/l
RT: 13.290 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

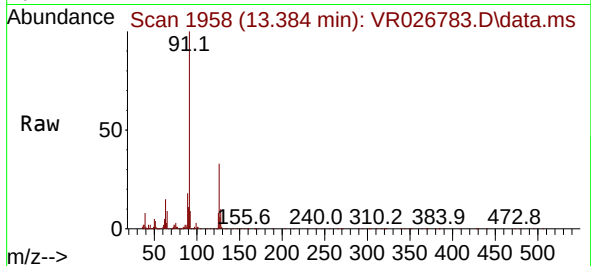
Tgt Ion: 91 Resp: 685113
Ion Ratio Lower Upper
91 100
120 23.2 11.7 35.1





#79
2-Chlorotoluene
Concen: 9.665 ug/l
RT: 13.384 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

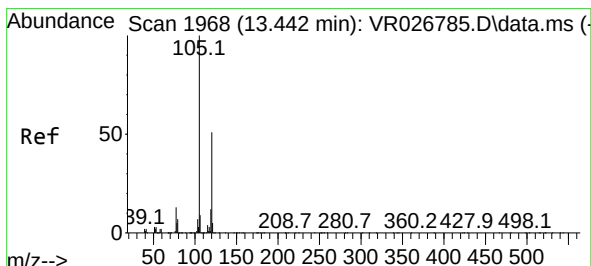
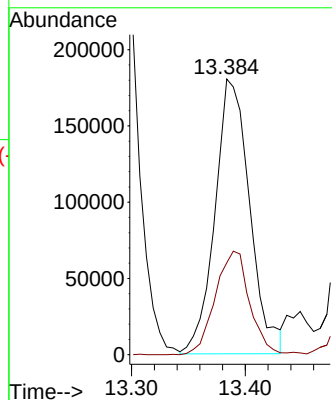
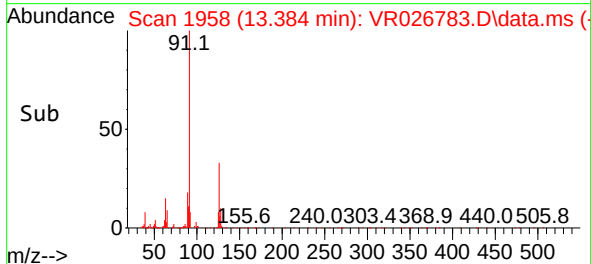
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010



Tgt Ion: 91 Resp: 38308
Ion Ratio Lower Upper
91 100
126 37.1 17.2 51.5

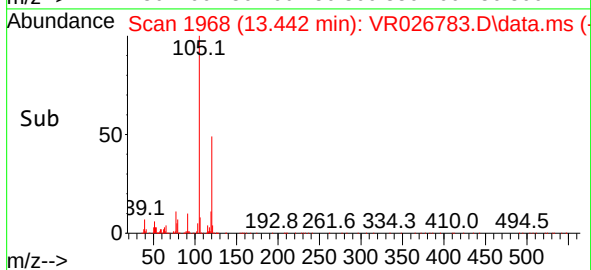
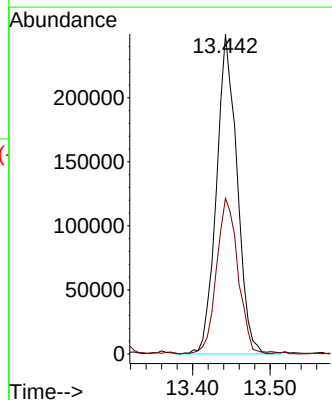
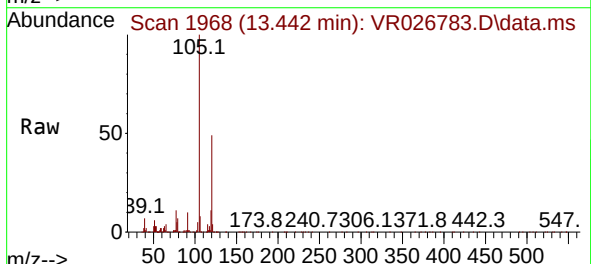
Manual Integrations
APPROVED

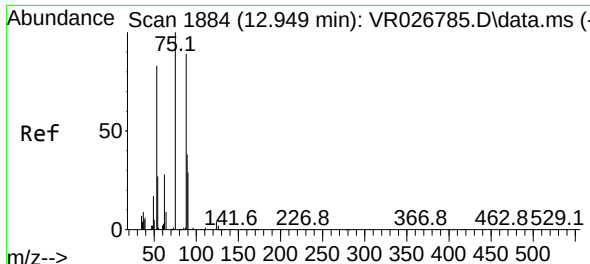
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 9.792 ug/l
RT: 13.442 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

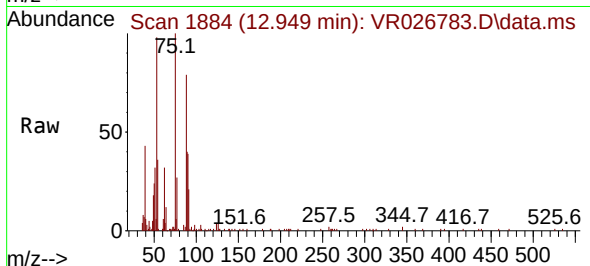
Tgt Ion:105 Resp: 462548
Ion Ratio Lower Upper
105 100
120 50.5 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 8.862 ug/l
RT: 12.949 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

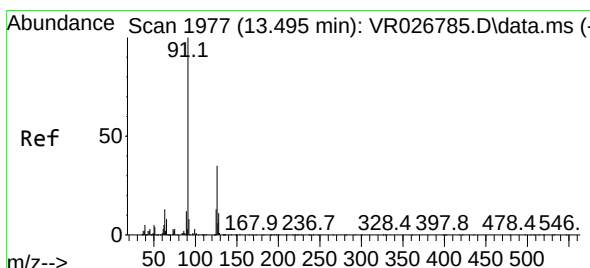
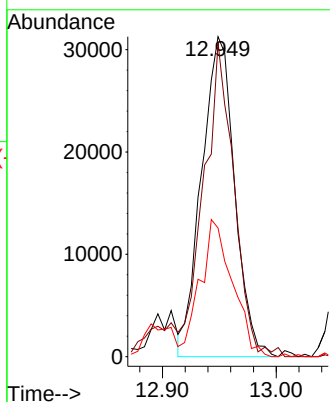
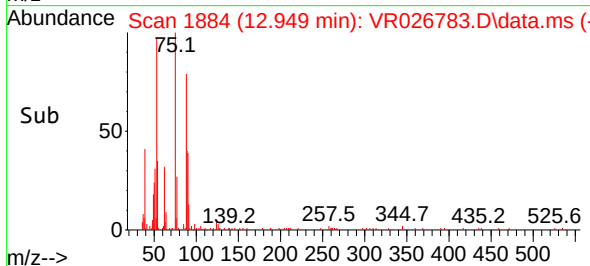
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010



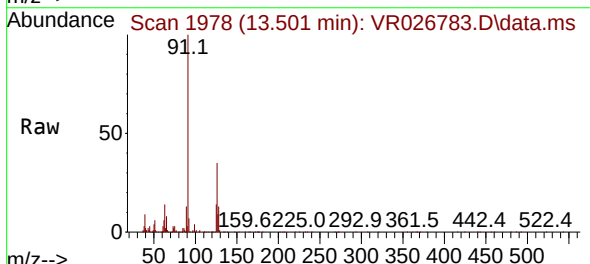
Tgt Ion: 75 Resp: 63290
Ion Ratio Lower Upper
75 100
53 89.3 72.6 109.0
89 41.9 36.2 54.2

Manual Integrations
APPROVED

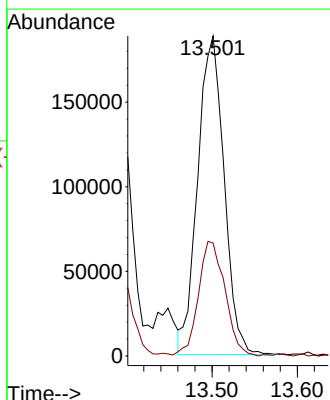
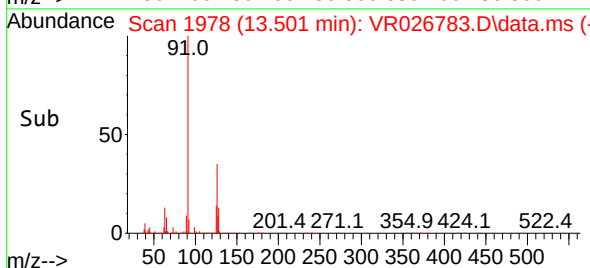
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

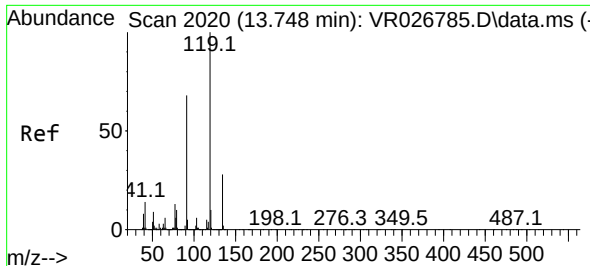


#82
4-Chlorotoluene
Concen: 9.726 ug/l
RT: 13.501 min Scan# 1978
Delta R.T. 0.006 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52



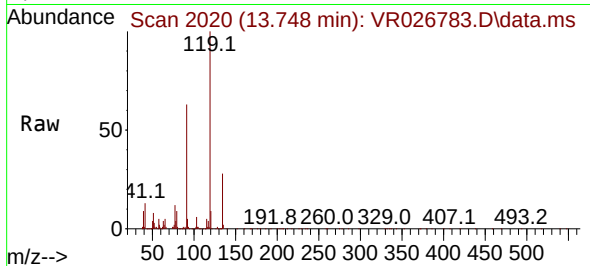
Tgt Ion: 91 Resp: 404639
Ion Ratio Lower Upper
91 100
126 36.2 17.2 51.5





#83
tert-Butylbenzene
Concen: 9.673 ug/l
RT: 13.748 min Scan# 2020
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

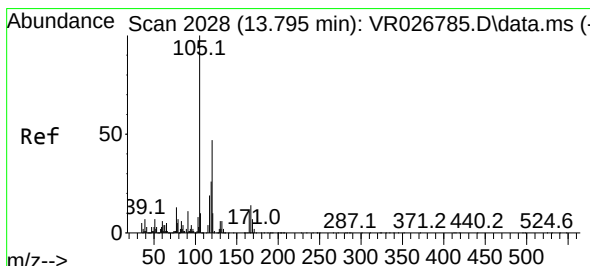
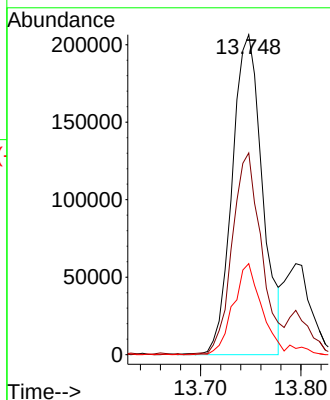
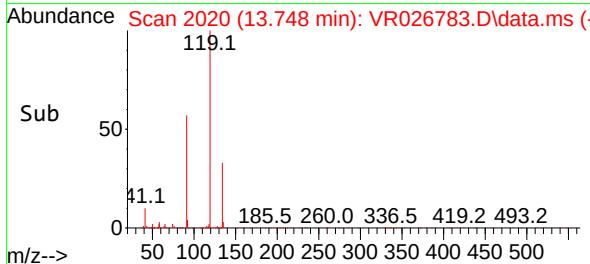
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010



Tgt Ion:119 Resp: 43349
Ion Ratio Lower Upper
119 100
91 61.7 32.0 96.0
134 26.6 13.9 41.6

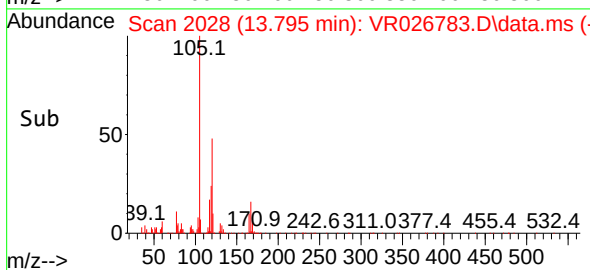
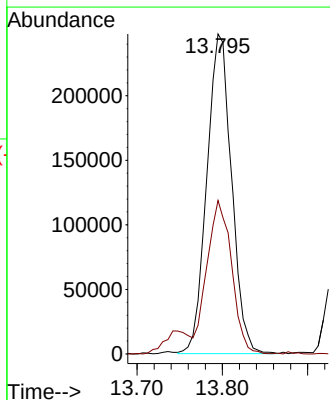
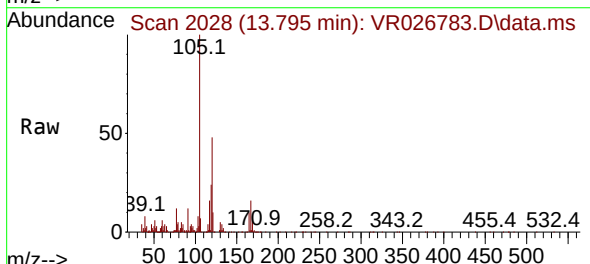
Manual Integrations
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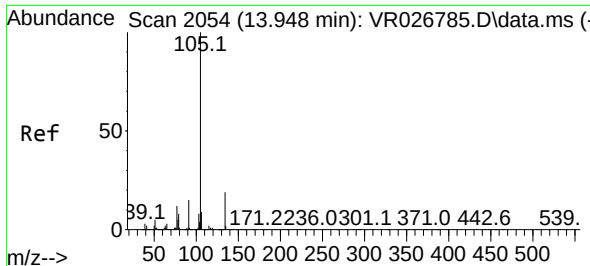
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#84
1,2,4-Trimethylbenzene
Concen: 9.717 ug/l
RT: 13.795 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

Tgt Ion:105 Resp: 498337
Ion Ratio Lower Upper
105 100
120 47.7 23.6 71.0





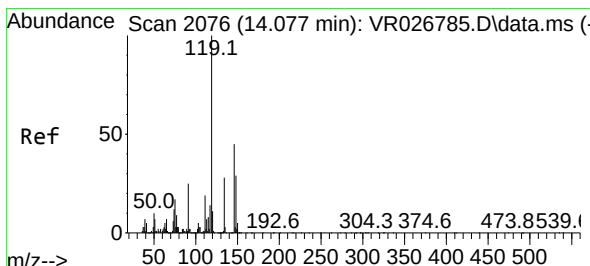
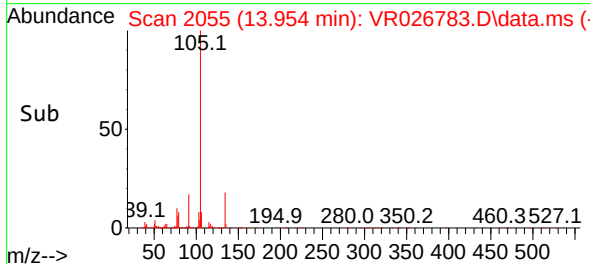
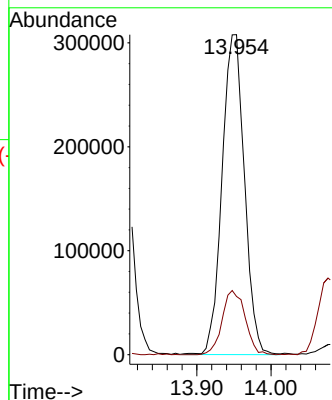
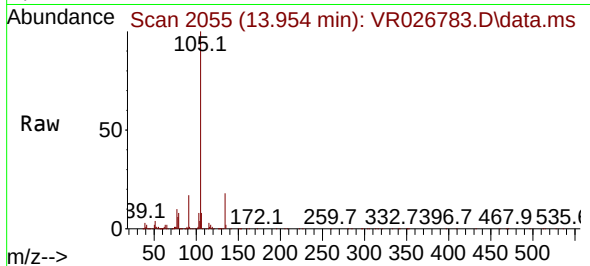
#85
 sec-Butylbenzene
 Concen: 9.986 ug/l
 RT: 13.954 min Scan# 2055
 Delta R.T. 0.006 min
 Lab File: VR026783.D
 Acq: 22 Oct 2025 13:52

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 64474
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.3

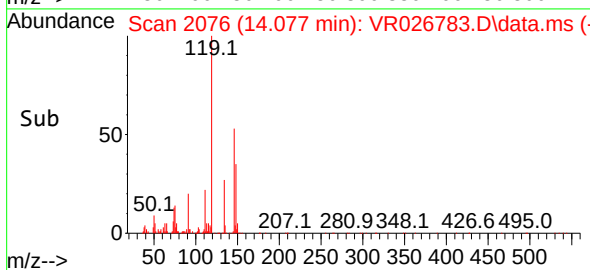
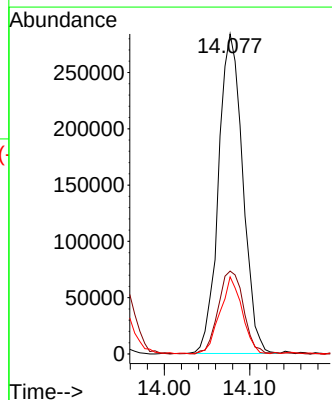
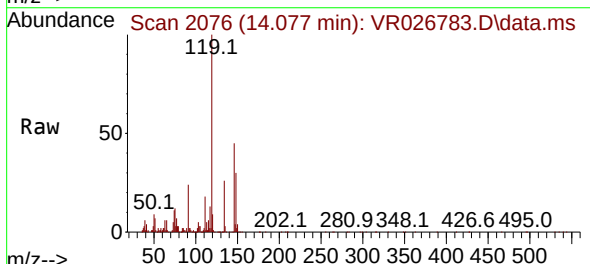
Manual Integrations
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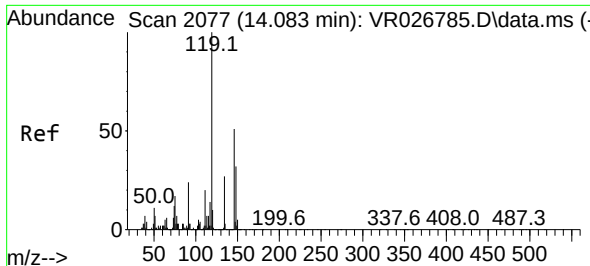
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#86
 p-Isopropyltoluene
 Concen: 10.019 ug/l
 RT: 14.077 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: VR026783.D
 Acq: 22 Oct 2025 13:52

Tgt Ion:119 Resp: 561211
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.8 41.3
 91 22.1 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 9.927 ug/l

RT: 14.077 min Scan# 2077

Delta R.T. -0.006 min

Lab File: VR026783.D

Acq: 22 Oct 2025 13:52

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC010

Tgt Ion:146 Resp: 296702

Ion Ratio Lower Upper

146 100

111 36.6 20.3 60.8

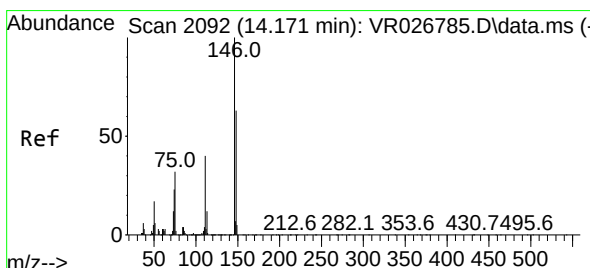
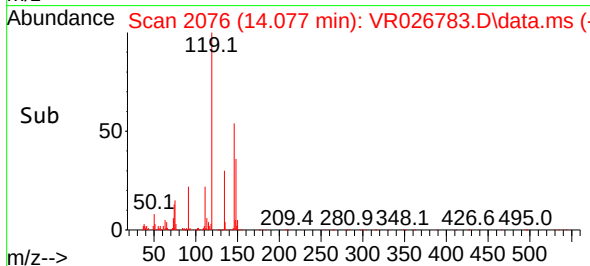
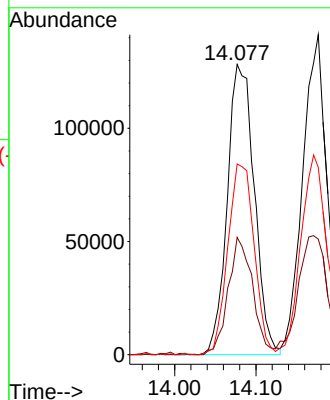
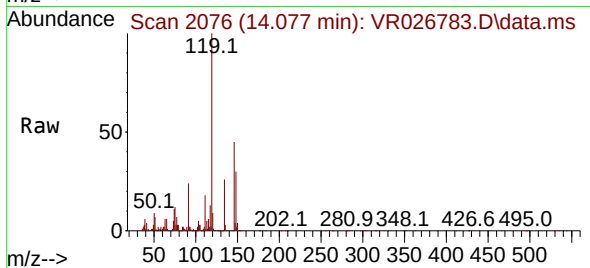
148 64.0 31.4 94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#88

1,4-Dichlorobenzene

Concen: 9.507 ug/l

RT: 14.177 min Scan# 2093

Delta R.T. 0.006 min

Lab File: VR026783.D

Acq: 22 Oct 2025 13:52

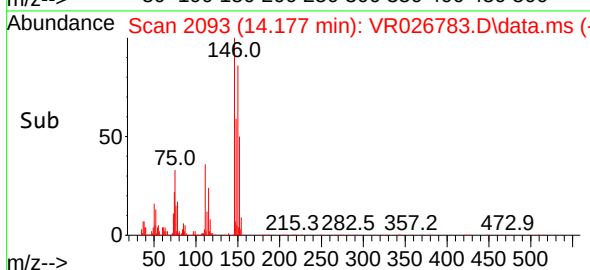
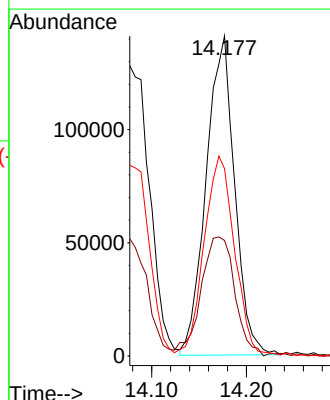
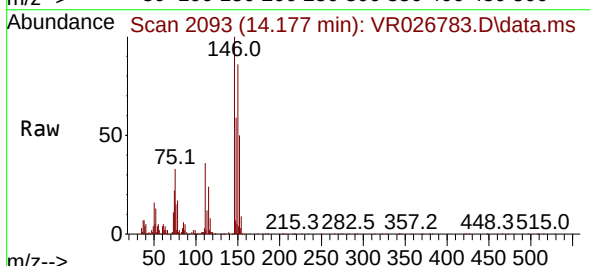
Tgt Ion:146 Resp: 294920

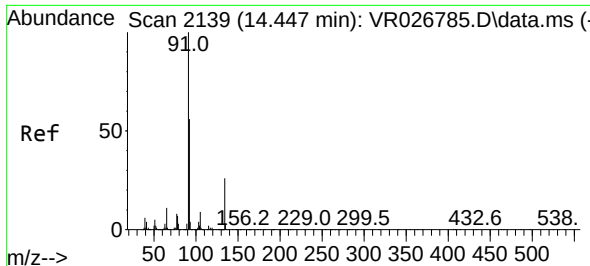
Ion Ratio Lower Upper

146 100

111 42.8 19.3 57.9

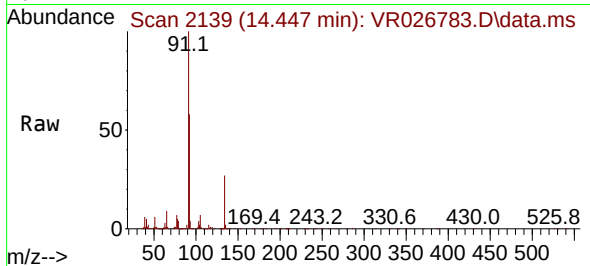
148 66.3 31.5 94.5





#89
n-Butylbenzene
Concen: 9.807 ug/l
RT: 14.447 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

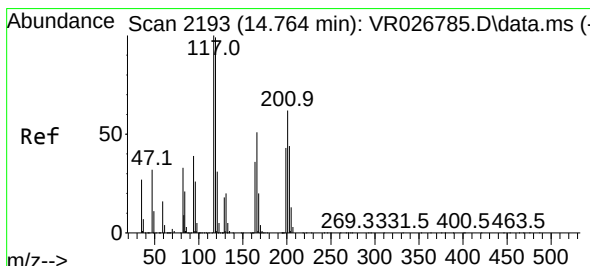
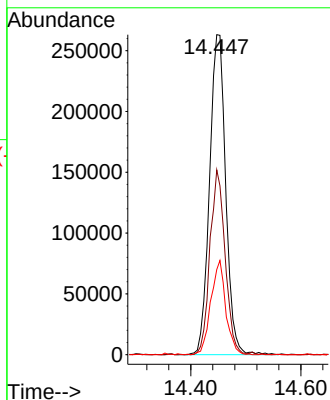
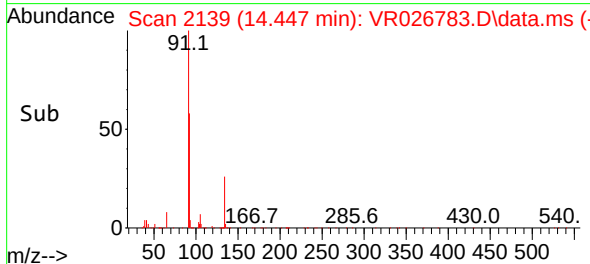
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010



Tgt Ion: 91 Resp: 537510
Ion Ratio Lower Upper
91 100
92 54.1 27.3 81.9
134 27.2 13.1 39.1

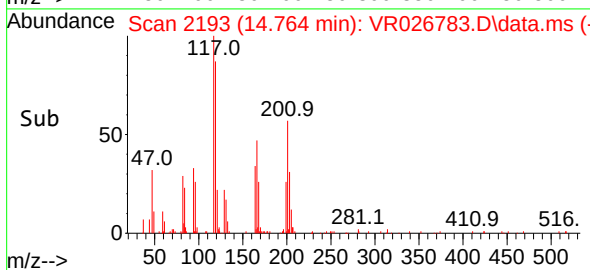
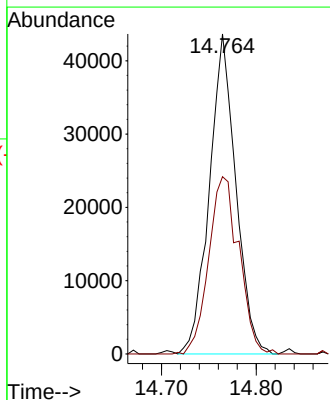
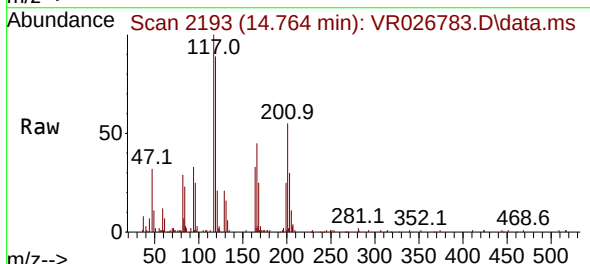
Manual Integrations
APPROVED

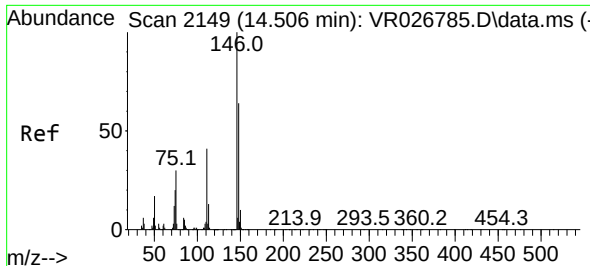
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#90
Hexachloroethane
Concen: 9.345 ug/l
RT: 14.764 min Scan# 2193
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

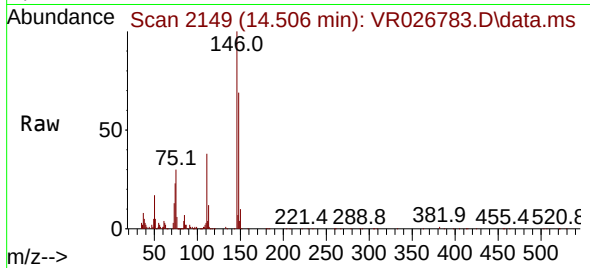
Tgt Ion:117 Resp: 84749
Ion Ratio Lower Upper
117 100
201 63.2 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 9.735 ug/l
RT: 14.506 min Scan# 2149
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

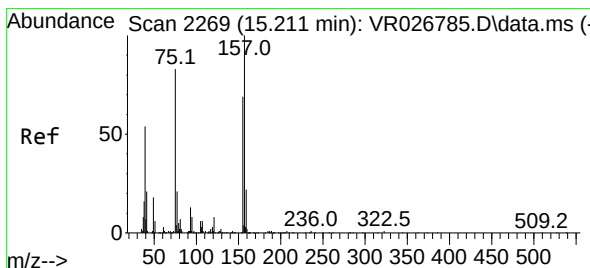
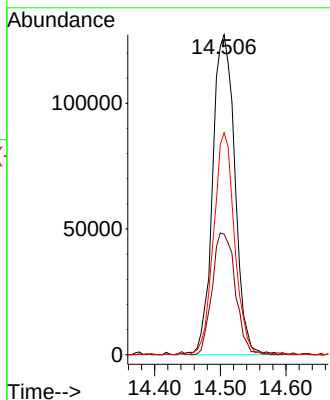
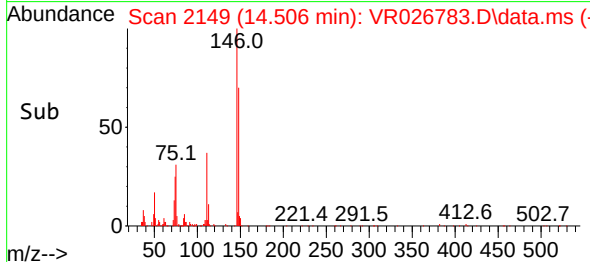
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010



Tgt Ion:146 Resp: 29825
Ion Ratio Lower Upper
146 100
111 39.7 20.3 60.9
148 65.4 32.1 96.3

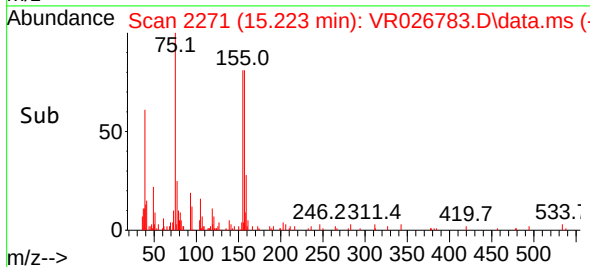
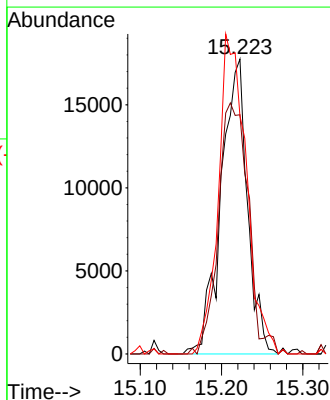
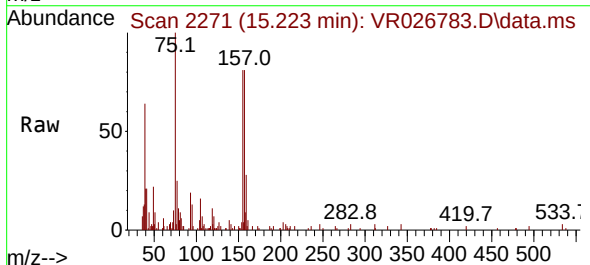
Manual Integrations
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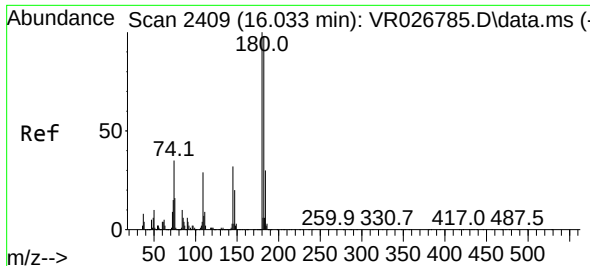
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 8.737 ug/l
RT: 15.223 min Scan# 2271
Delta R.T. 0.012 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

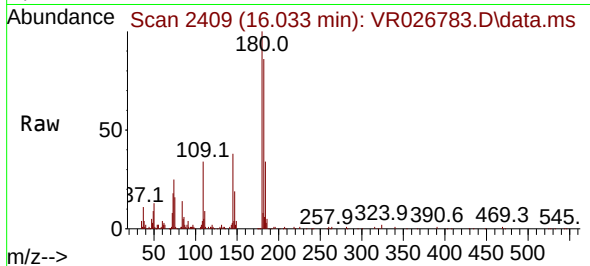
Tgt Ion: 75 Resp: 39984
Ion Ratio Lower Upper
75 100
155 96.8 45.4 136.1
157 114.6 59.1 177.2





#93
1,2,4-Trichlorobenzene
Concen: 9.035 ug/l
RT: 16.033 min Scan# 2409
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

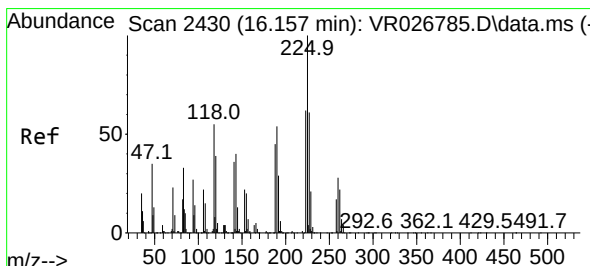
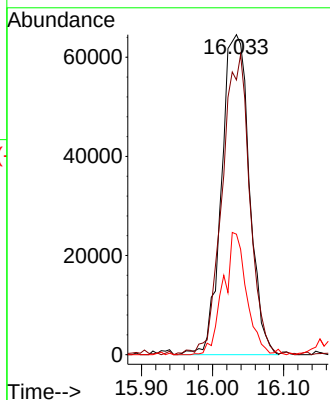
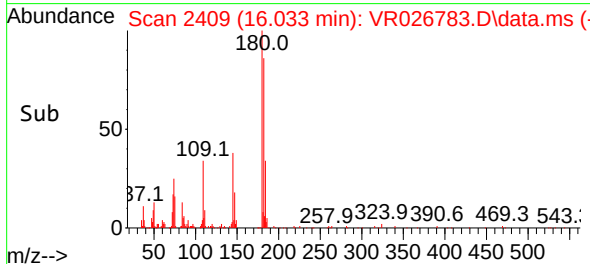
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010



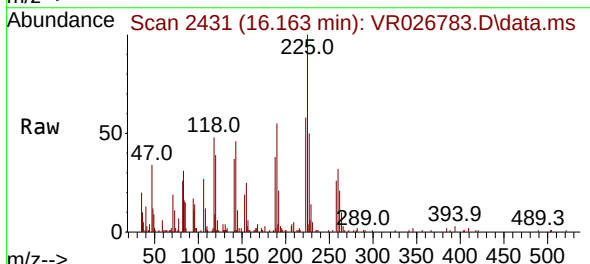
Tgt Ion:180 Resp: 175460
Ion Ratio Lower Upper
180 100
182 92.8 46.8 140.3
145 32.0 15.8 47.3

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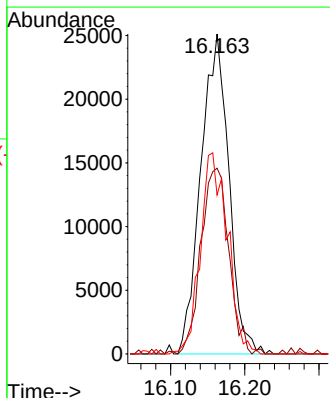
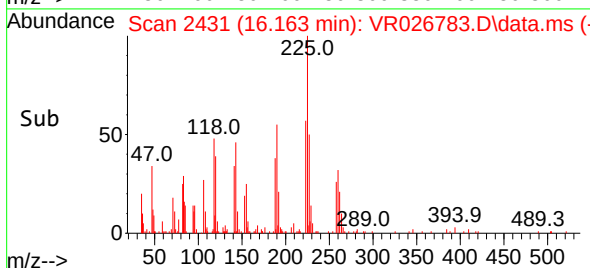
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

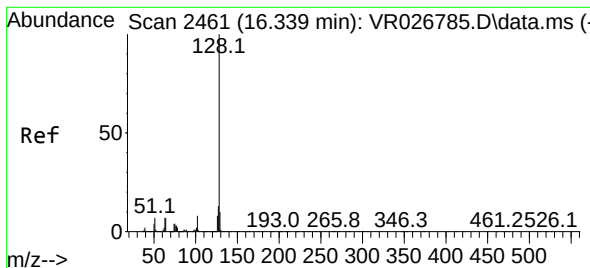


#94
Hexachlorobutadiene
Concen: 9.537 ug/l
RT: 16.163 min Scan# 2431
Delta R.T. 0.006 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52



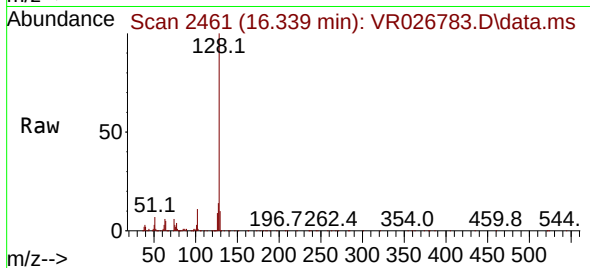
Tgt Ion:225 Resp: 65825
Ion Ratio Lower Upper
225 100
223 57.6 32.3 96.8
227 60.7 33.1 99.3





#95
Naphthalene
Concen: 9.175 ug/l
RT: 16.339 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52

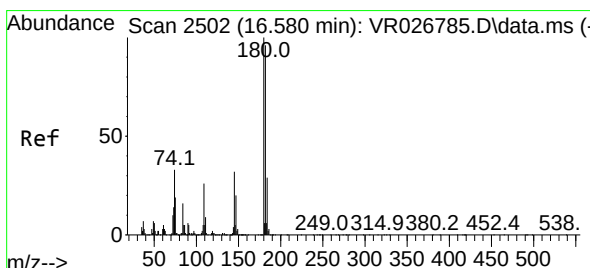
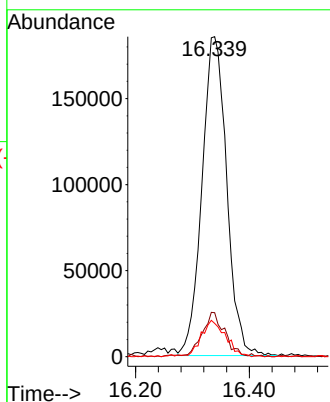
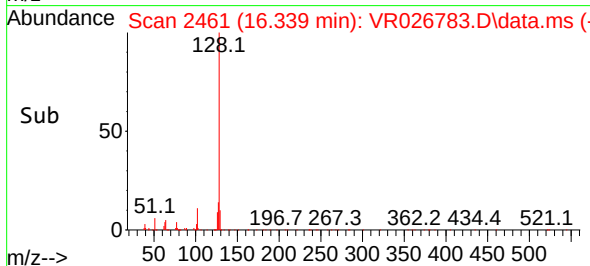
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC010



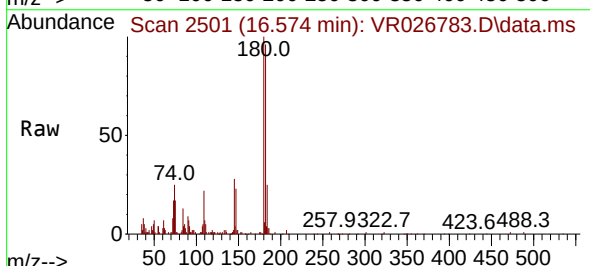
Tgt Ion:128 Resp: 55876
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 11.3 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 9.285 ug/l
RT: 16.574 min Scan# 2501
Delta R.T. -0.006 min
Lab File: VR026783.D
Acq: 22 Oct 2025 13:52



Tgt Ion:180 Resp: 177624
Ion Ratio Lower Upper
180 100
182 90.7 46.2 138.5
145 32.5 16.4 49.4

