

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR102225\
 Data File : VR026786.D
 Acq On : 22 Oct 2025 15:25
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 24 09:19:18 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	7.808	168	821343	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.783	114	1519765	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.944	117	1566808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.147	152	1042984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.190	65	654124	102.074	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	204.140%	
35) Dibromofluoromethane	7.743	113	617830	98.898	ug/l	0.00
Spiked Amount 50.000			Recovery	=	197.800%	
50) Toluene-d8	10.452	98	1710453	98.144	ug/l	0.00
Spiked Amount 50.000			Recovery	=	196.280%	
62) 4-Bromofluorobenzene	13.072	95	1325090	115.470	ug/l	0.00
Spiked Amount 50.000			Recovery	=	230.940%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	668151	108.697	ug/l	100
3) Chloromethane	2.196	50	791206	102.260	ug/l	97
4) Vinyl Chloride	2.332	62	862981	92.703	ug/l	90
5) Bromomethane	2.672	94	472645	79.333	ug/l	97
6) Chloroethane	2.784	64	486221	72.706	ug/l	91
7) Trichlorofluoromethane	3.119	101	1295381	102.313	ug/l	98
8) Diethyl Ether	3.577	74	617678	100.754	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.906	101	811358	101.679	ug/l	98
10) Methyl Iodide	4.094	142	1054433	115.692	ug/l	99
11) Tert butyl alcohol	5.028	59	1849849	587.952	ug/l	99
12) 1,1-Dichloroethene	3.877	96	789005	99.164	ug/l	90
13) Acrolein	3.759	56	1013363	487.385	ug/l	96
14) Allyl chloride	4.476	41	1750753	105.188	ug/l	99
15) Acrylonitrile	5.158	53	3632053	522.535	ug/l	98
16) Acetone	3.994	43	3834215	501.969	ug/l	96
17) Carbon Disulfide	4.200	76	1464255	101.217	ug/l	96
18) Methyl Acetate	4.500	43	2385327	108.131	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	3443335	101.744	ug/l	100
20) Methylene Chloride	4.705	84	990524	99.374	ug/l	97
21) trans-1,2-Dichloroethene	5.205	96	811039	100.219	ug/l	99
22) Diisopropyl ether	6.115	45	3533096	99.295	ug/l	95
23) Vinyl Acetate	6.039	43	10464008	446.704	ug/l #	90
24) 1,1-Dichloroethane	5.986	63	1774618	98.021	ug/l	98
25) 2-Butanone	6.991	43	5505169	488.539	ug/l	95
26) 2,2-Dichloropropane	6.967	77	1616177	104.490	ug/l	98
27) cis-1,2-Dichloroethene	6.967	96	1135305	100.398	ug/l	98
28) Bromochloromethane	7.338	49	929674	113.647	ug/l	99
29) Tetrahydrofuran	7.367	42	3221814	518.003	ug/l	99
30) Chloroform	7.514	83	1783199	101.701	ug/l	100
31) Cyclohexane	7.819	56	1414751	93.449	ug/l	93
32) 1,1,1-Trichloroethane	7.725	97	1487786	102.538	ug/l	97
36) 1,1-Dichloropropene	7.954	75	1178225	98.184	ug/l	97
37) Ethyl Acetate	7.079	43	1773701	100.893	ug/l	100
38) Carbon Tetrachloride	7.937	117	1177014	105.182	ug/l	99
39) Methylcyclohexane	9.335	83	1515547	100.432	ug/l	98
40) Benzene	8.213	78	3981207	99.041	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.308	41	1047873	101.123	ug/l	97
42) 1,2-Dichloroethane	8.295	62	1314067	99.770	ug/l	99
43) Isopropyl Acetate	8.342	43	3045591	103.455	ug/l	94
44) Trichloroethene	9.059	130	969150	101.020	ug/l	99
45) 1,2-Dichloropropane	9.365	63	1079647	102.850	ug/l	91
46) Dibromomethane	9.464	93	703206	100.932	ug/l	100
47) Bromodichloromethane	9.676	83	1494012	103.071	ug/l	97
48) Methyl methacrylate	9.453	41	1510020	109.158	ug/l	99
49) 1,4-Dioxane	9.470	88	718948	2361.686	ug/l	97
51) 4-Methyl-2-Pentanone	10.328	43	9027579	467.692	ug/l	87
52) Toluene	10.522	92	2722740	100.543	ug/l	95
53) t-1,3-Dichloropropene	10.769	75	1802588	108.986	ug/l	98
54) cis-1,3-Dichloropropene	10.164	75	1777716	103.318	ug/l	98
55) 1,1,2-Trichloroethane	10.975	97	1151160	105.226	ug/l	97
56) Ethyl methacrylate	10.822	69	2271105	112.130	ug/l	98
57) 1,3-Dichloropropane	11.139	76	1935185	105.462	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.999	63	720959	499.423	ug/l	97
59) 2-Hexanone	11.192	43	8044572	476.570	ug/l	89
60) Dibromochloromethane	11.362	129	1265089	113.102	ug/l	98
61) 1,2-Dibromoethane	11.486	107	1132092	104.025	ug/l	100
64) Tetrachloroethene	11.063	164	781812	95.011	ug/l	95
65) Chlorobenzene	11.967	112	3347825	96.028	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.056	131	1091313	101.509	ug/l	100
67) Ethyl Benzene	12.056	91	5481542	93.947	ug/l	95
68) m/p-Xylenes	12.179	106	4343320	189.671	ug/l	92
69) o-Xylene	12.555	106	2296707	100.088	ug/l	98
70) Styrene	12.573	104	4267276	101.652	ug/l	97
71) Bromoform	12.761	173	1056419	119.027	ug/l #	98
73) Isopropylbenzene	12.896	105	5750379	94.377	ug/l	96
74) N-amyl acetate	12.678	43	3615146	106.429	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.178	83	2555950	113.418	ug/l	99
76) 1,2,3-Trichloropropane	13.243	75	2237052m	118.387	ug/l	
77) Bromobenzene	13.219	156	1568730	105.452	ug/l	98
78) n-propylbenzene	13.290	91	7053583	93.803	ug/l	95
79) 2-Chlorotoluene	13.389	91	4756551	105.992	ug/l	100
80) 1,3,5-Trimethylbenzene	13.442	105	5460380	102.096	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.949	75	935015	115.630	ug/l	97
82) 4-Chlorotoluene	13.495	91	5032791	106.842	ug/l	99
83) tert-Butylbenzene	13.748	119	5208704	102.650	ug/l	96
84) 1,2,4-Trimethylbenzene	13.795	105	5864359	100.989	ug/l	98
85) sec-Butylbenzene	13.948	105	7108015	97.235	ug/l	94
86) p-Isopropyltoluene	14.077	119	6344727	100.044	ug/l	95
87) 1,3-Dichlorobenzene	14.083	146	3468901	102.511	ug/l	98
88) 1,4-Dichlorobenzene	14.171	146	3599118	102.470	ug/l	99
89) n-Butylbenzene	14.447	91	6385843	102.908	ug/l	94
90) Hexachloroethane	14.764	117	1272652	123.948	ug/l	98
91) 1,2-Dichlorobenzene	14.506	146	3483546	100.428	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	15.211	75	556286	107.364	ug/l	94
93) 1,2,4-Trichlorobenzene	16.028	180	2424141	110.248	ug/l	99
94) Hexachlorobutadiene	16.157	225	838630	107.316	ug/l	97
95) Naphthalene	16.333	128	7571815	109.812	ug/l	98
96) 1,2,3-Trichlorobenzene	16.574	180	2347846	108.397	ug/l	98

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ClientSampleId :
VSTDICC100

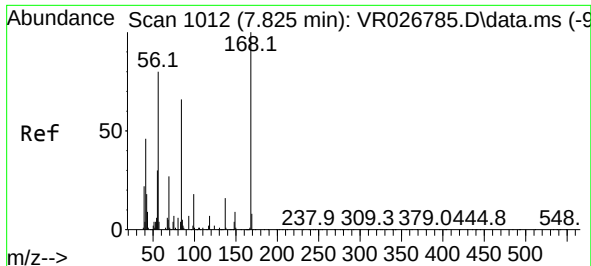
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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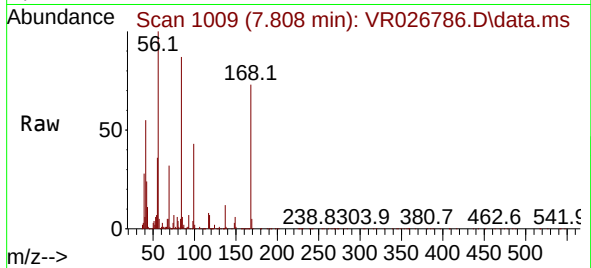
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.808 min Scan# 10
Delta R.T. -0.017 min
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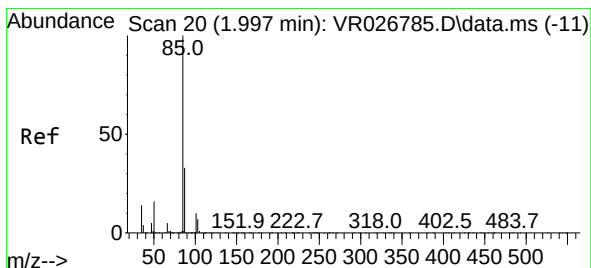
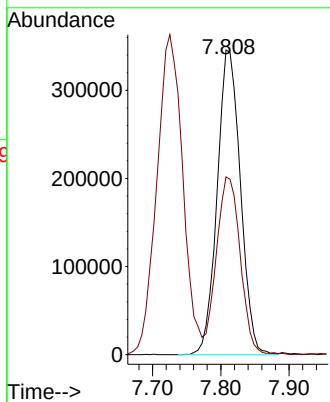
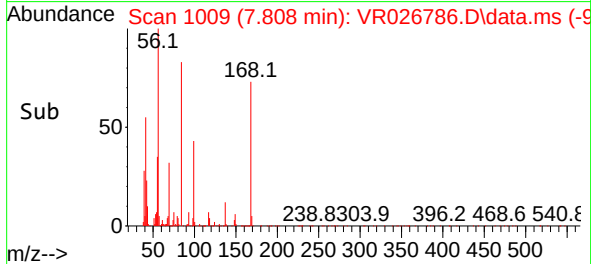
Instrument :
MSVOA_R
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Tgt Ion:168 Resp: 82134
Ion Ratio Lower Upper
168 100
99 58.0 41.0 61.6

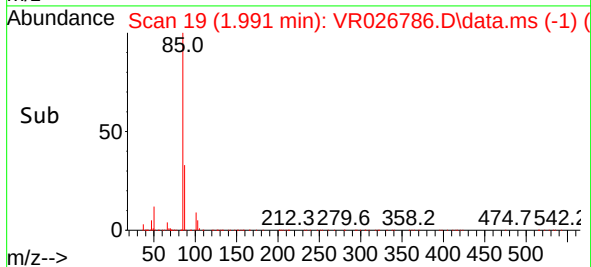
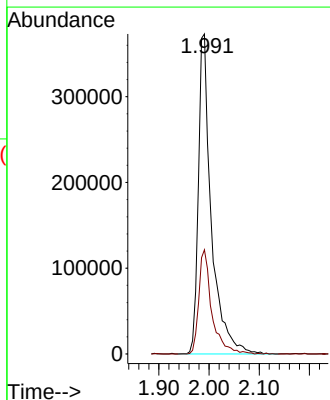
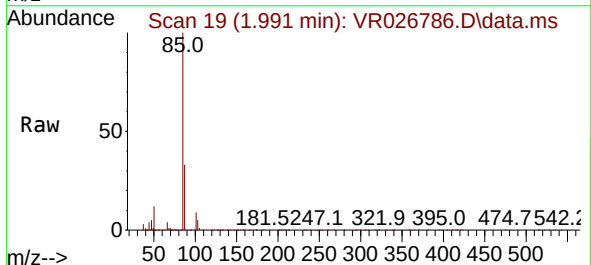
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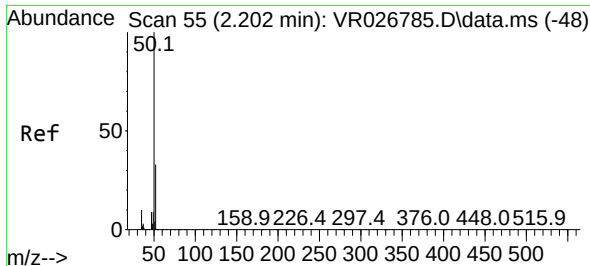
Reviewed By :John Carlone 10/24/2025
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#2
Dichlorodifluoromethane
Concen: 108.697 ug/l
RT: 1.991 min Scan# 19
Delta R.T. -0.006 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Tgt Ion: 85 Resp: 668151
Ion Ratio Lower Upper
85 100
87 32.6 16.3 48.9





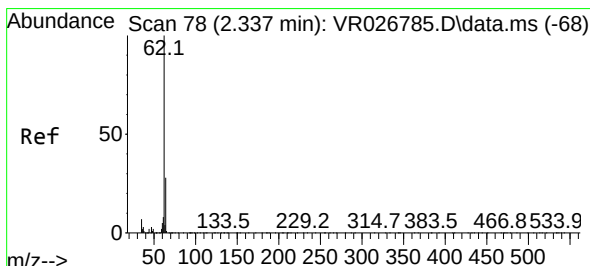
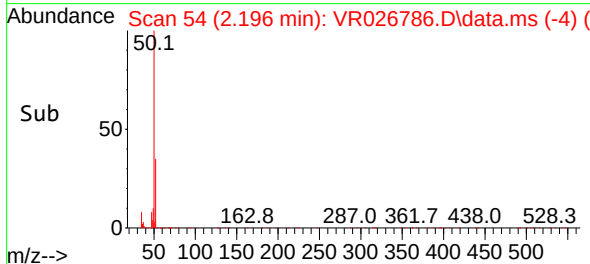
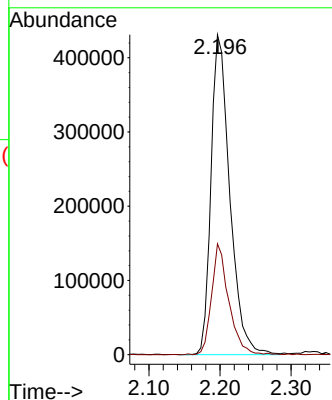
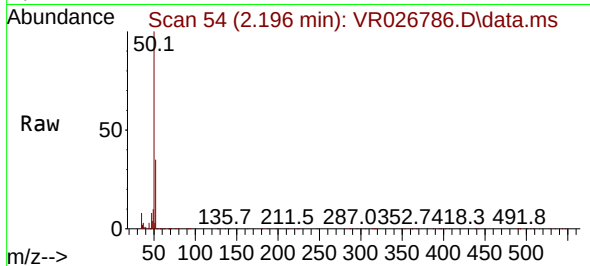
#3
Chloromethane
Concen: 102.260 ug/l
RT: 2.196 min Scan# 54
Delta R.T. -0.006 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 791200
Ion Ratio Lower Upper
50 100
52 34.7 26.2 39.2

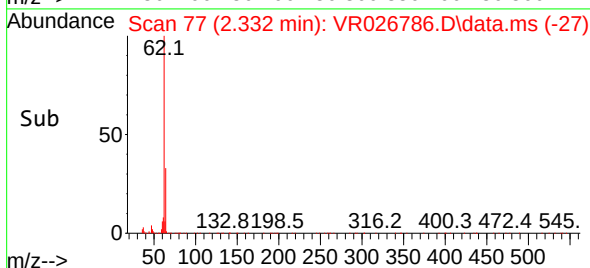
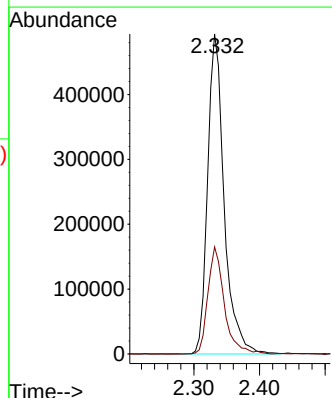
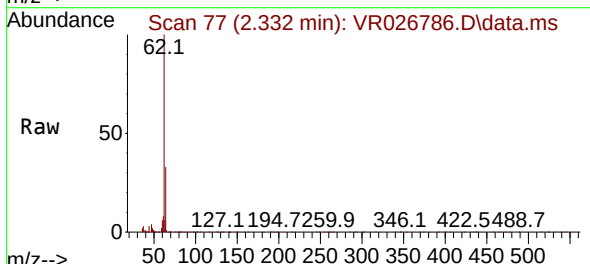
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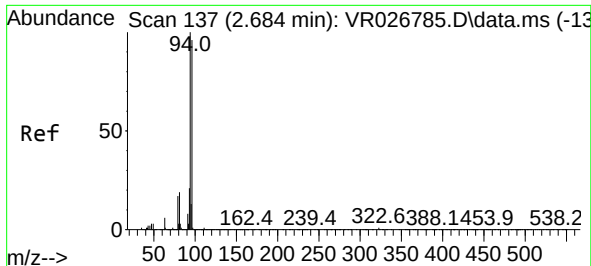
Reviewed By :John Carlone 10/24/2025
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#4
Vinyl Chloride
Concen: 92.703 ug/l
RT: 2.332 min Scan# 77
Delta R.T. -0.006 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Tgt Ion: 62 Resp: 862981
Ion Ratio Lower Upper
62 100
64 33.5 22.6 33.8





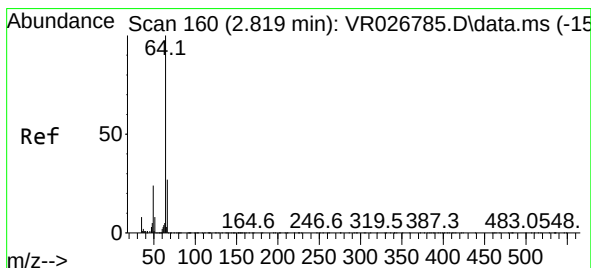
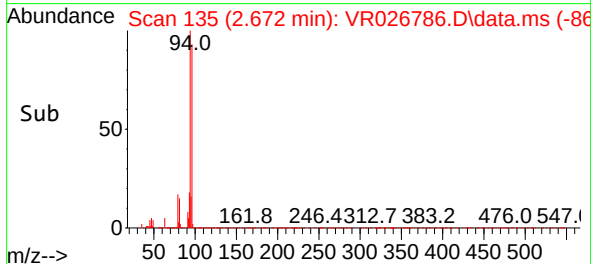
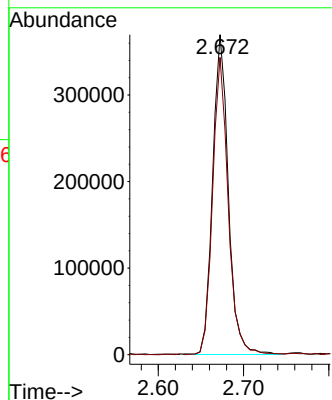
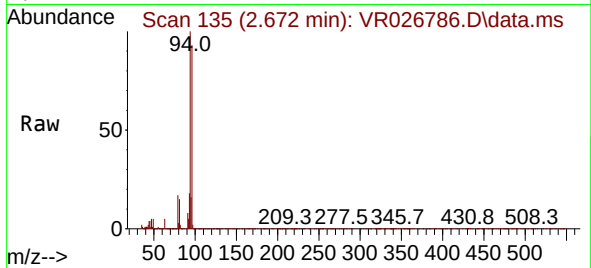
#5
Bromomethane
Concen: 79.333 ug/l
RT: 2.672 min Scan# 11
Delta R.T. -0.012 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 472649
Ion Ratio Lower Upper
94 100
96 92.7 76.4 114.6

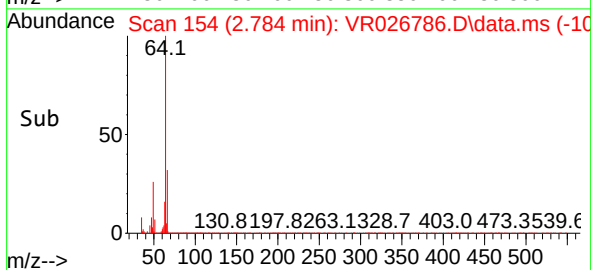
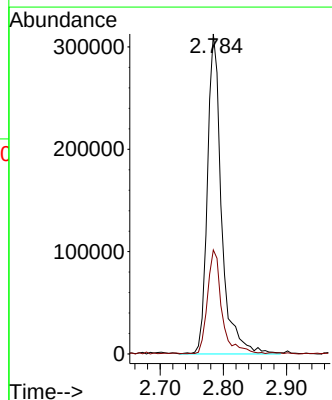
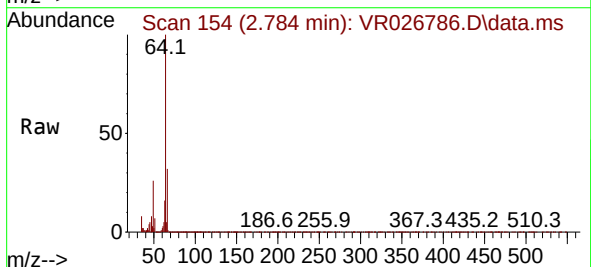
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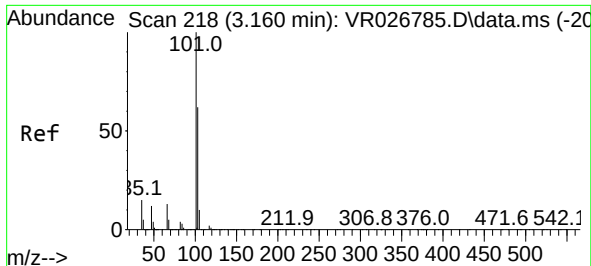
Reviewed By :John Carlone 10/24/2025
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#6
Chloroethane
Concen: 72.706 ug/l
RT: 2.784 min Scan# 154
Delta R.T. -0.035 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Tgt Ion: 64 Resp: 486221
Ion Ratio Lower Upper
64 100
66 32.4 22.0 33.0





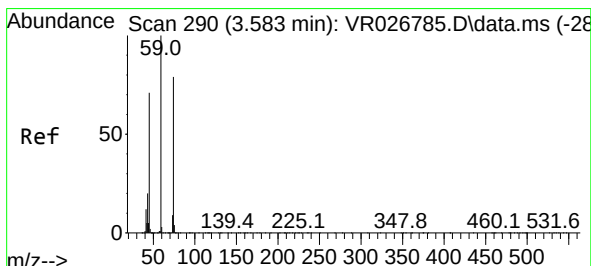
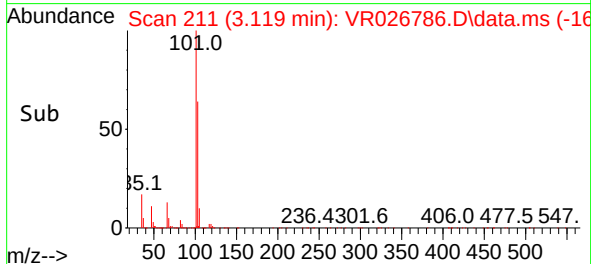
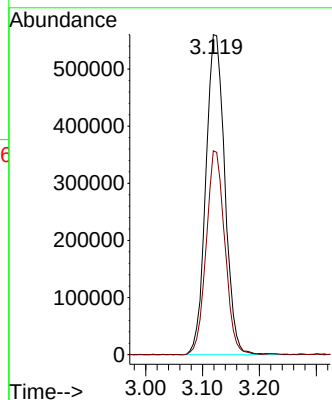
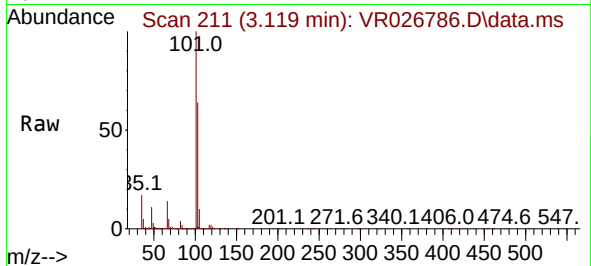
#7
Trichlorofluoromethane
Concen: 102.313 ug/l
RT: 3.119 min Scan# 218
Delta R.T. -0.041 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 129538
Ion Ratio Lower Upper
101 100
103 63.7 49.6 74.4

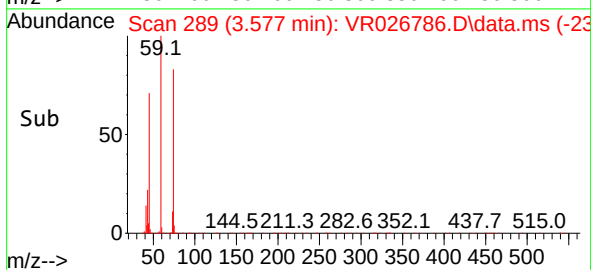
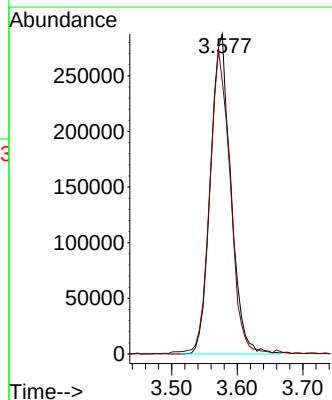
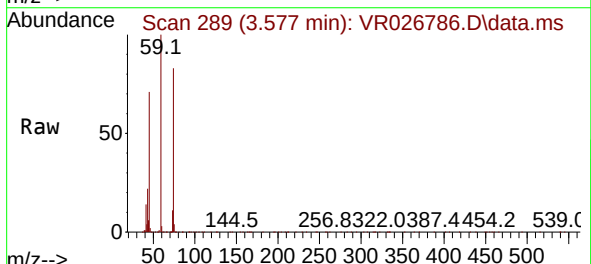
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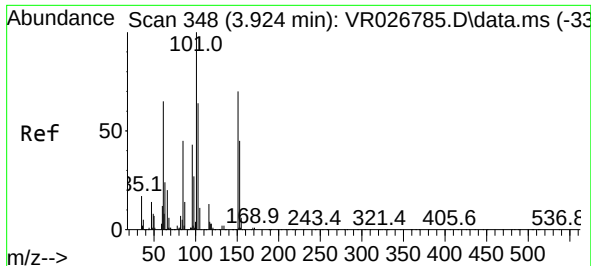
Reviewed By :John Carlone 10/24/2025
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#8
Diethyl Ether
Concen: 100.754 ug/l
RT: 3.577 min Scan# 289
Delta R.T. -0.006 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Tgt Ion: 74 Resp: 617678
Ion Ratio Lower Upper
74 100
45 96.3 47.3 141.9





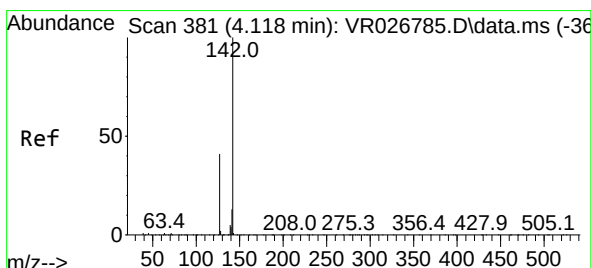
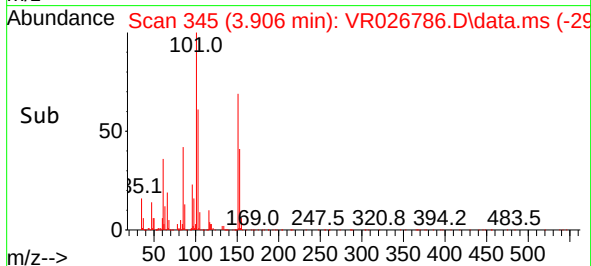
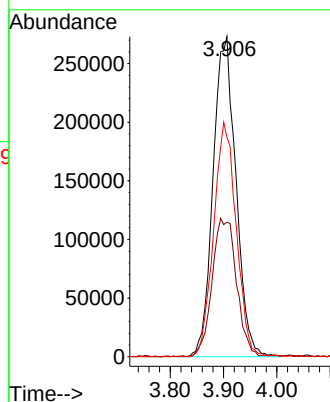
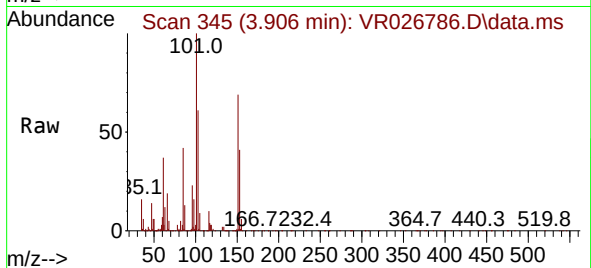
#9
1,1,2-Trichlorotrifluoroethane
Concen: 101.679 ug/l
RT: 3.906 min Scan# 348
Delta R.T. -0.018 min
Lab File: VR026786.D
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MSVOA_R
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 811358
Ion Ratio Lower Upper
101 100
85 46.0 36.6 54.8
151 72.3 55.5 83.3

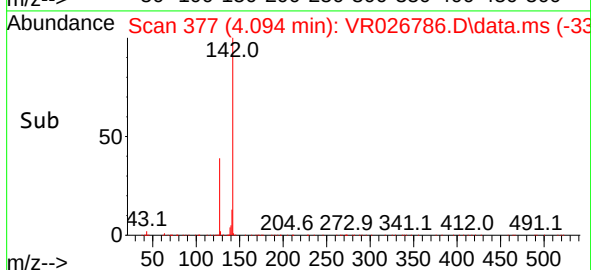
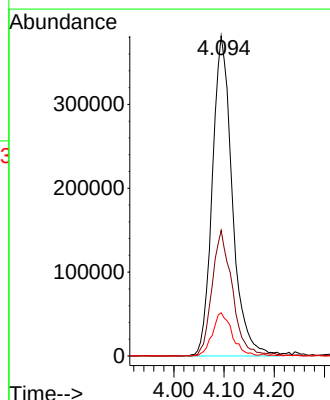
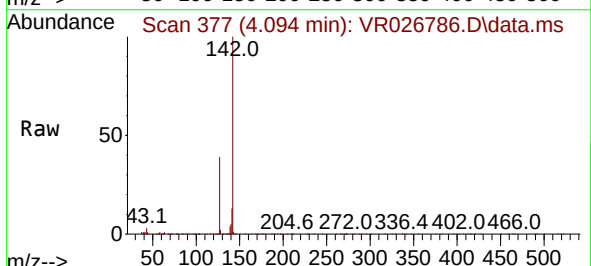
Manual Integrations
APPROVED

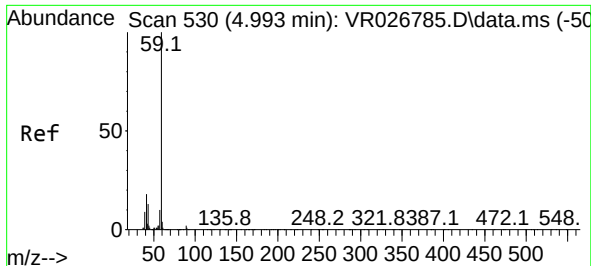
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#10
Methyl Iodide
Concen: 115.692 ug/l
RT: 4.094 min Scan# 377
Delta R.T. -0.023 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

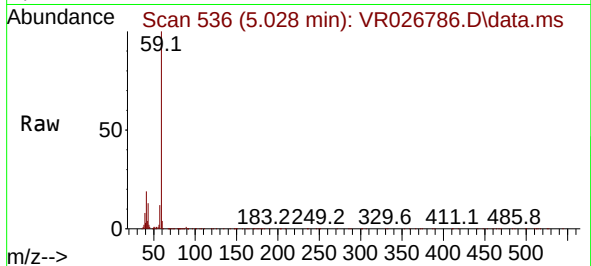
Tgt Ion:142 Resp: 1054433
Ion Ratio Lower Upper
142 100
127 40.2 31.8 47.6
141 13.3 10.9 16.3





#11
Tert butyl alcohol
Concen: 587.952 ug/l
RT: 5.028 min Scan# 51
Delta R.T. 0.035 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

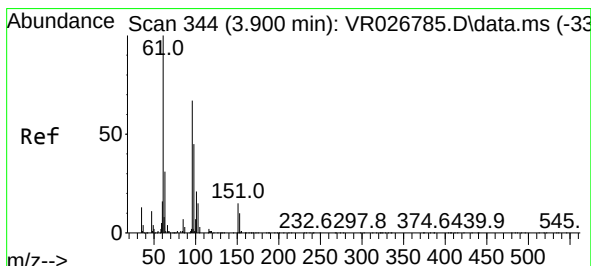
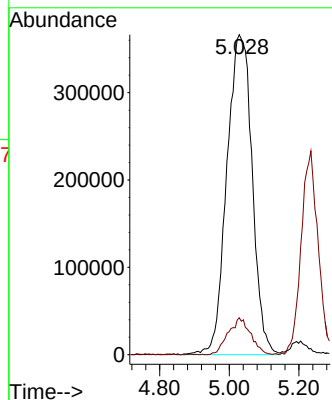
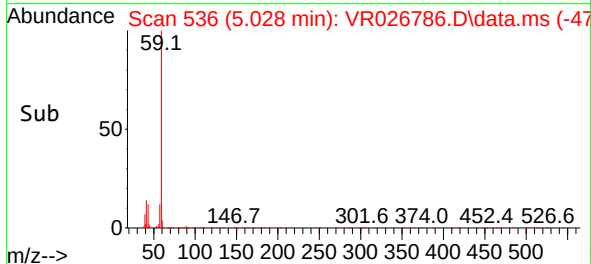
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100



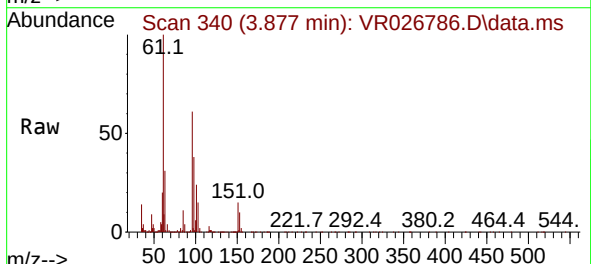
Tgt Ion: 59 Resp: 1849849
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

Manual Integrations
APPROVED

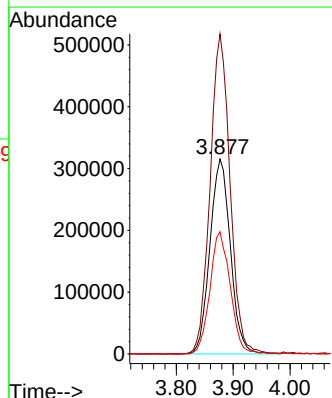
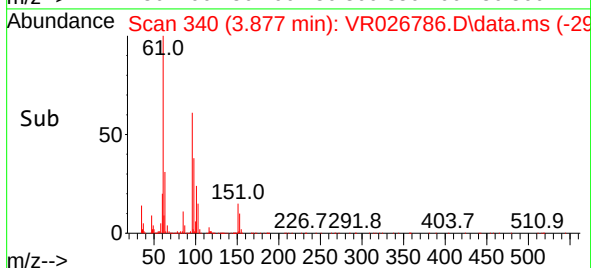
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

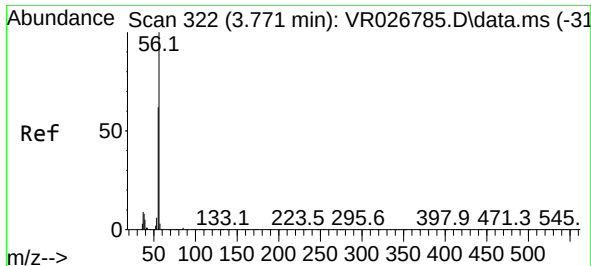


#12
1,1-Dichloroethene
Concen: 99.164 ug/l
RT: 3.877 min Scan# 340
Delta R.T. -0.023 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25



Tgt Ion: 96 Resp: 789005
Ion Ratio Lower Upper
96 100
61 164.1 119.0 178.6
98 62.7 53.0 79.6





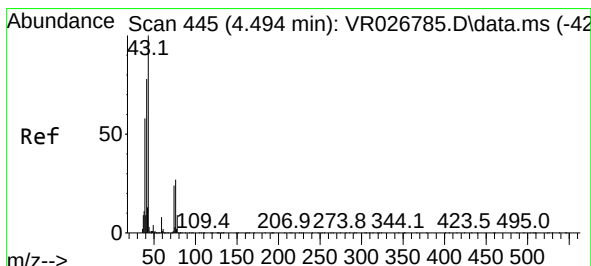
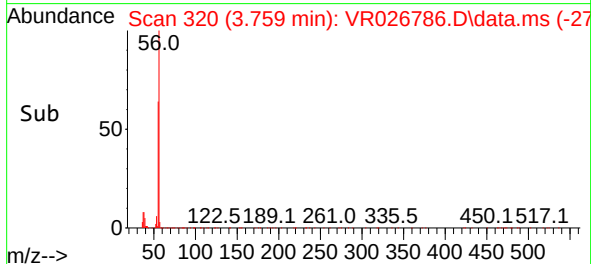
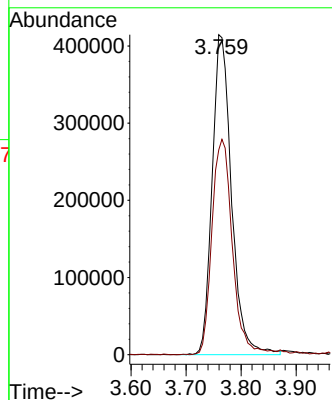
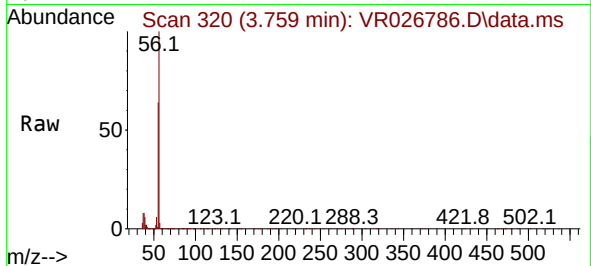
#13
Acrolein
Concen: 487.385 ug/l
RT: 3.759 min Scan# 31
Delta R.T. -0.012 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 101336
Ion Ratio Lower Upper
56 100
55 71.1 54.2 81.2

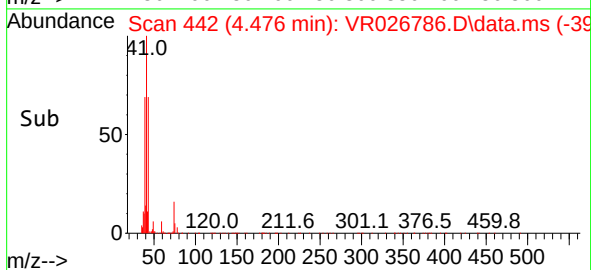
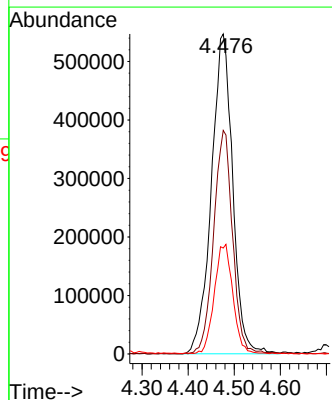
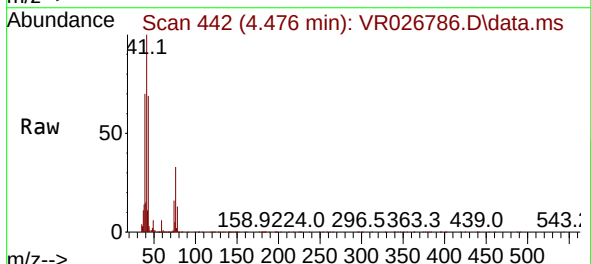
Manual Integrations
APPROVED

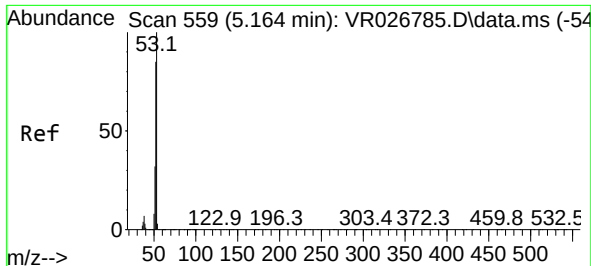
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#14
Allyl chloride
Concen: 105.188 ug/l
RT: 4.476 min Scan# 442
Delta R.T. -0.018 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

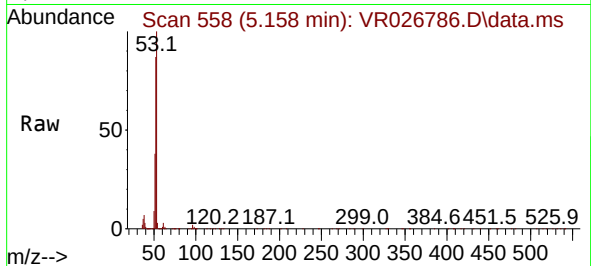
Tgt Ion: 41 Resp: 1750753
Ion Ratio Lower Upper
41 100
39 62.6 49.0 73.6
76 29.6 24.0 36.0





#15
Acrylonitrile
Concen: 522.535 ug/l
RT: 5.158 min Scan# 51
Delta R.T. -0.006 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

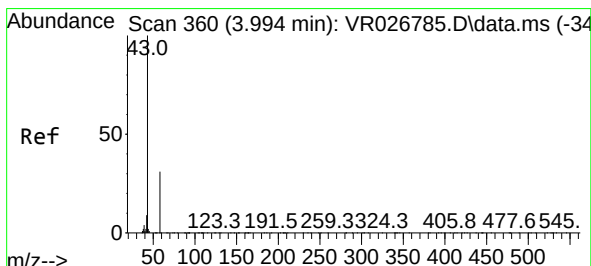
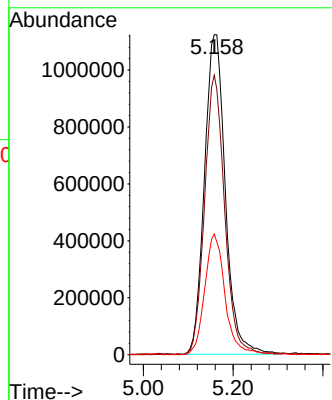
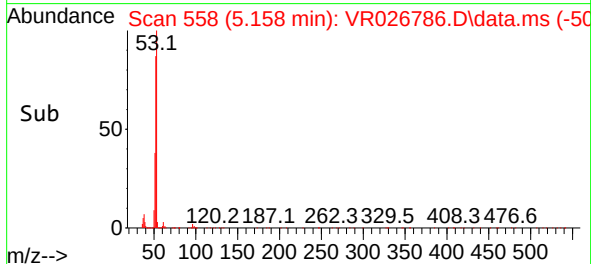
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 363205
Ion Ratio Lower Upper
53 100
52 83.9 65.8 98.8
51 36.5 27.7 41.5

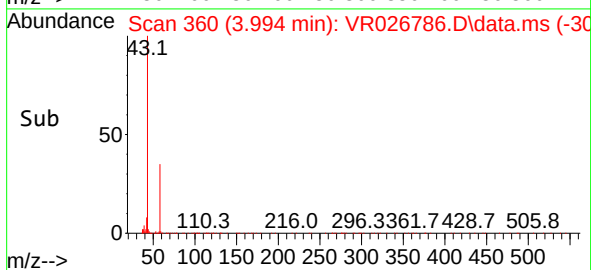
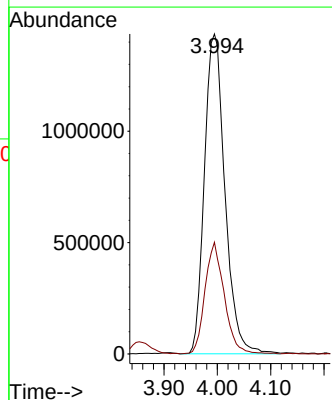
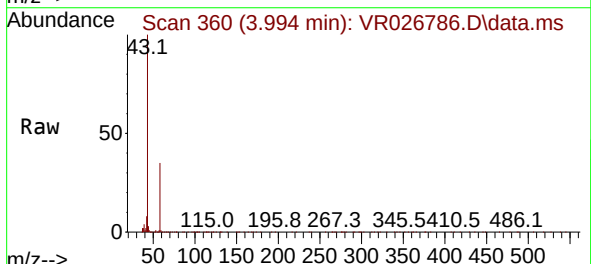
Manual Integrations
APPROVED

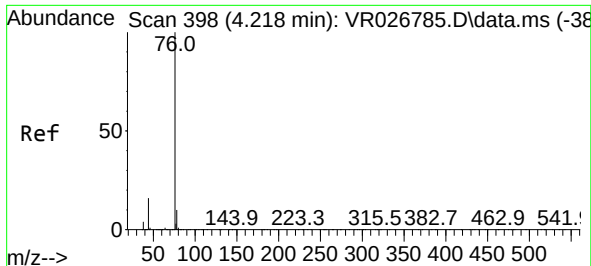
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#16
Acetone
Concen: 501.969 ug/l
RT: 3.994 min Scan# 360
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Tgt Ion: 43 Resp: 3834215
Ion Ratio Lower Upper
43 100
58 34.9 26.2 39.4





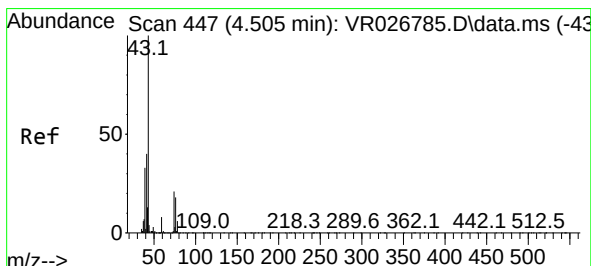
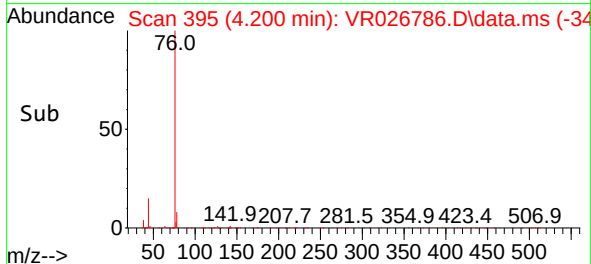
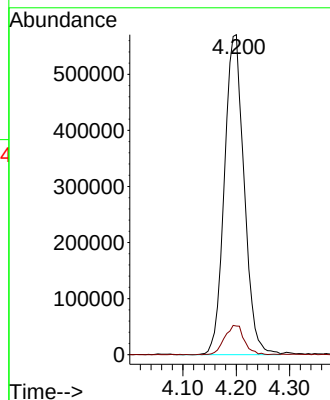
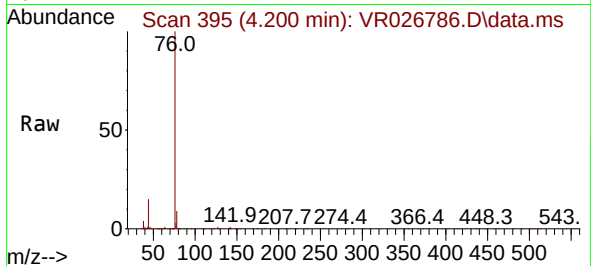
#17
Carbon Disulfide
Concen: 101.217 ug/l
RT: 4.200 min Scan# 398
Delta R.T. -0.018 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 146425
Ion Ratio Lower Upper
76 100
78 8.9 8.2 12.2

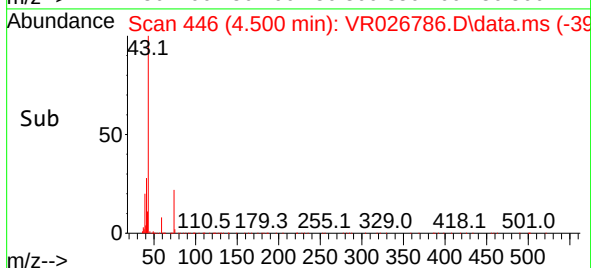
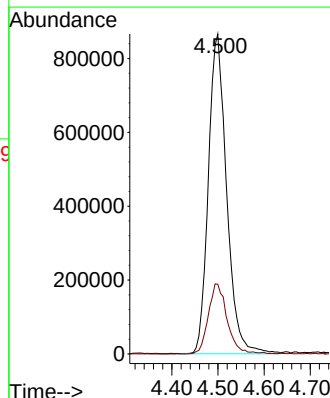
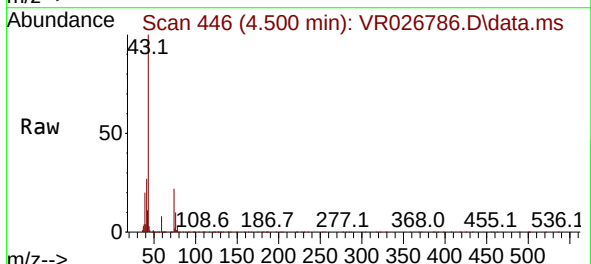
Manual Integrations
APPROVED

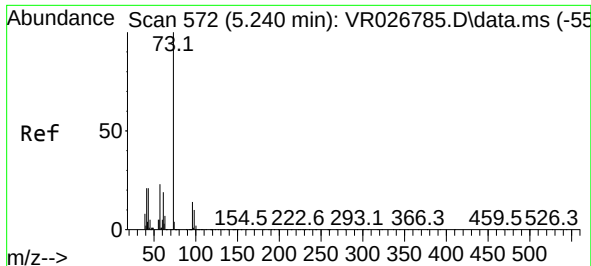
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#18
Methyl Acetate
Concen: 108.131 ug/l
RT: 4.500 min Scan# 446
Delta R.T. -0.006 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Tgt Ion: 43 Resp: 2385327
Ion Ratio Lower Upper
43 100
74 22.4 18.5 27.7





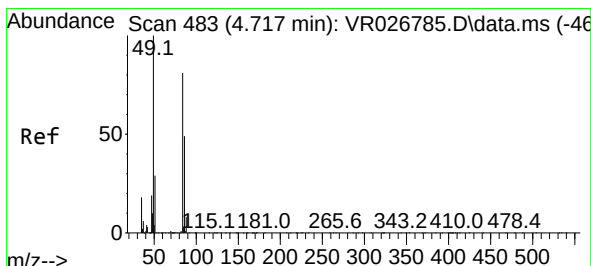
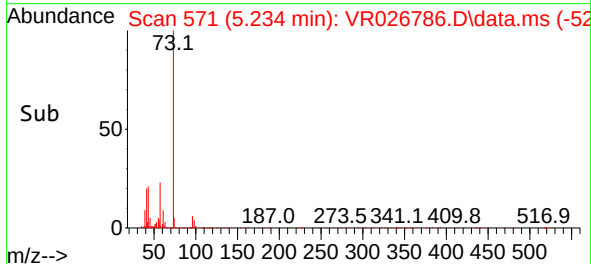
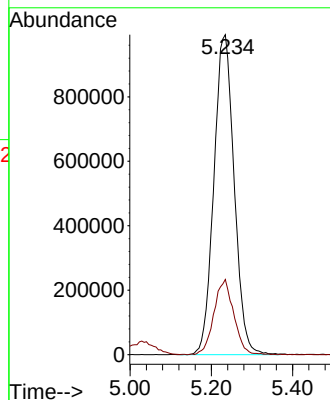
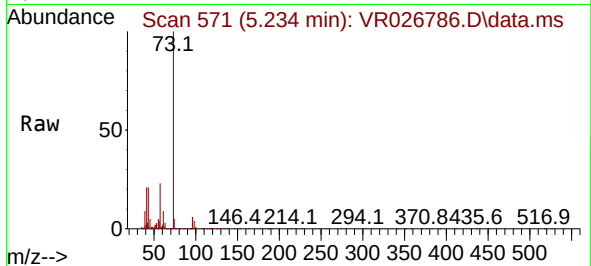
#19
Methyl tert-butyl Ether
Concen: 101.744 ug/l
RT: 5.234 min Scan# 51
Delta R.T. -0.006 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 344333
Ion Ratio Lower Upper
73 100
57 23.5 18.6 28.0

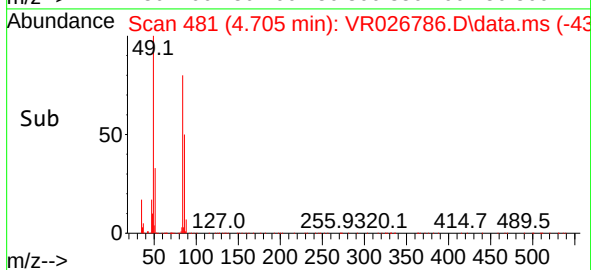
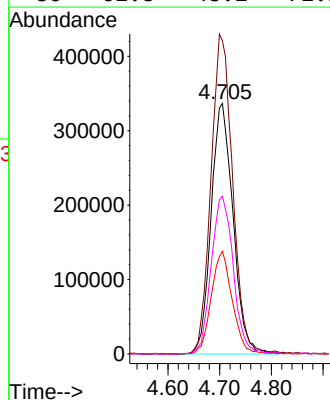
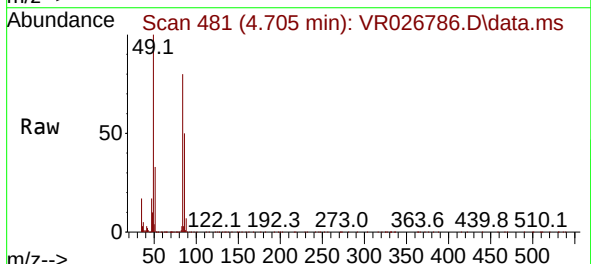
Manual Integrations
APPROVED

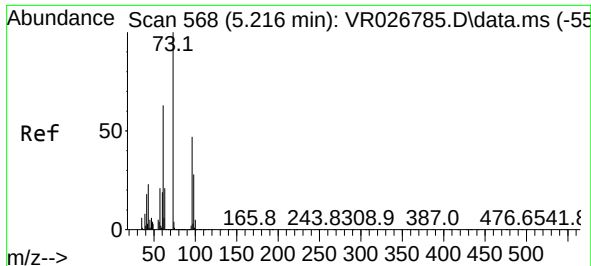
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#20
Methylene Chloride
Concen: 99.374 ug/l
RT: 4.705 min Scan# 481
Delta R.T. -0.012 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

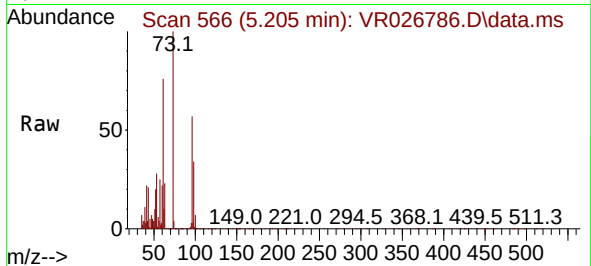
Tgt Ion: 84 Resp: 990524
Ion Ratio Lower Upper
84 100
49 124.9 99.0 148.6
51 40.9 28.6 42.8
86 62.8 48.2 72.2





#21
trans-1,2-Dichloroethene
Concen: 100.219 ug/l
RT: 5.205 min Scan# 501
Delta R.T. -0.012 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

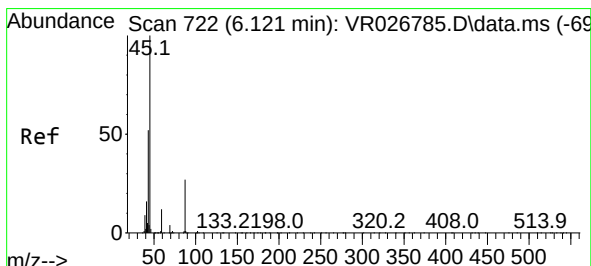
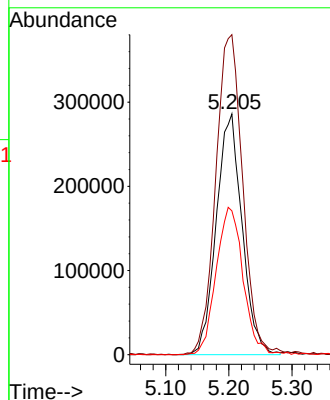
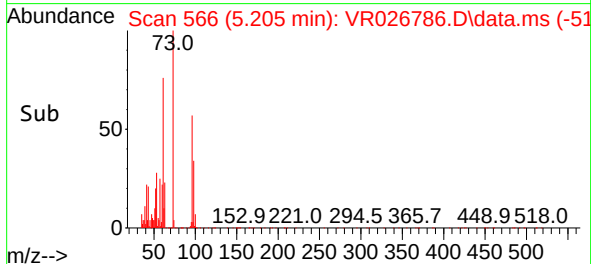
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100



Tgt Ion: 96 Resp: 811039
Ion Ratio Lower Upper
96 100
61 132.7 107.4 161.0
98 59.7 48.1 72.1

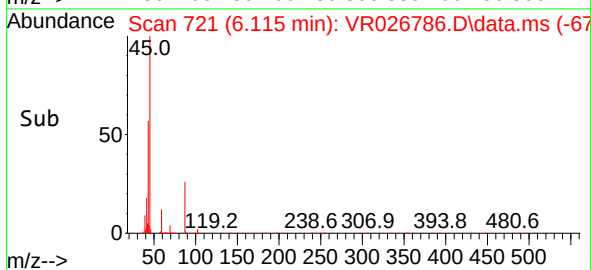
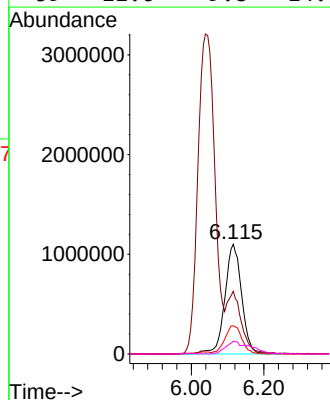
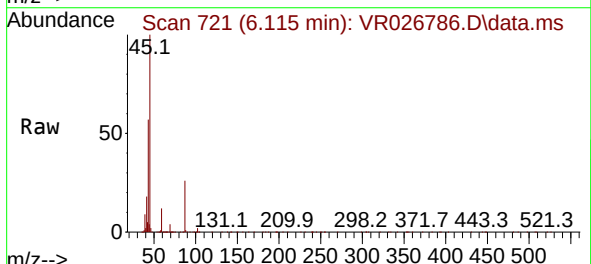
Manual Integrations
APPROVED

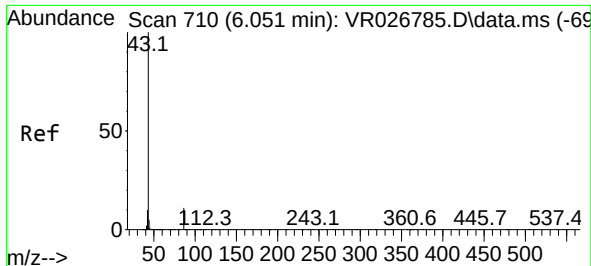
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#22
Diisopropyl ether
Concen: 99.295 ug/l
RT: 6.115 min Scan# 721
Delta R.T. -0.006 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

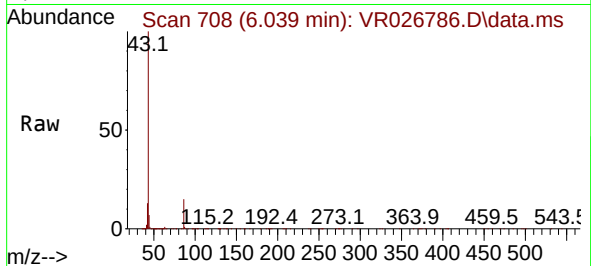
Tgt Ion: 45 Resp: 3533096
Ion Ratio Lower Upper
45 100
43 57.0 41.8 62.8
87 25.5 21.8 32.8
59 11.6 9.8 14.8





#23
 Vinyl Acetate
 Concen: 446.704 ug/l
 RT: 6.039 min Scan# 708
 Delta R.T. -0.012 min
 Lab File: VR026786.D
 Acq: 22 Oct 2025 15:25

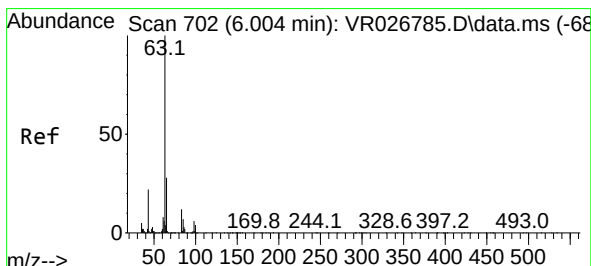
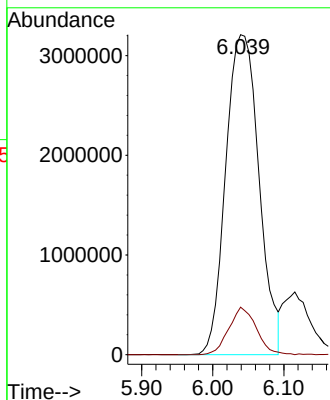
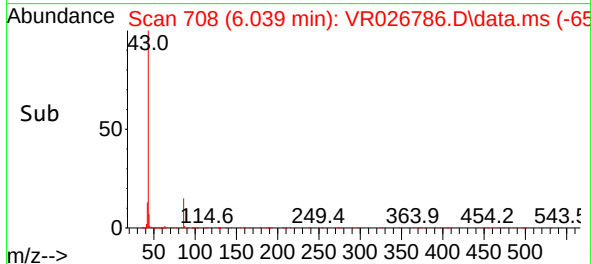
Instrument :
 MSVOA_R
 Client Sample Id :
 VSTDIC100



Tgt Ion: 43 Resp: 1046400
 Ion Ratio Lower Upper
 43 100
 86 14.9 8.7 13.1

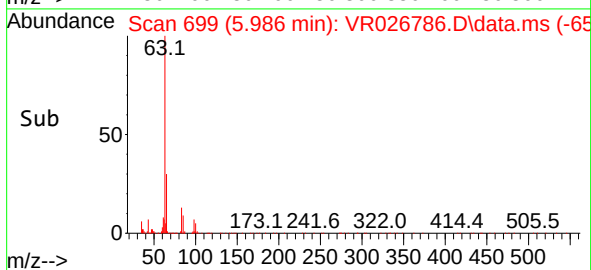
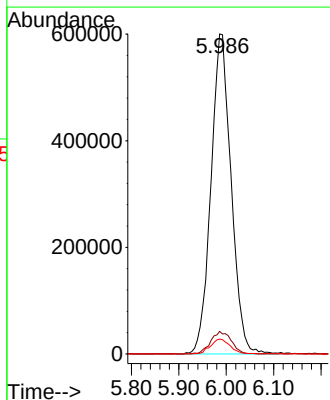
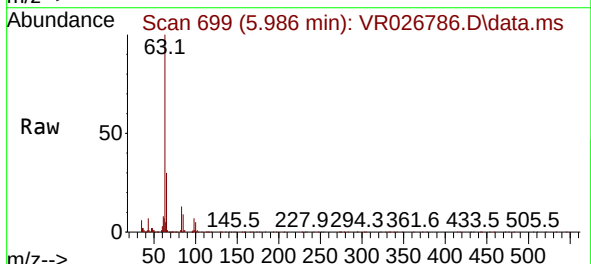
Manual Integrations
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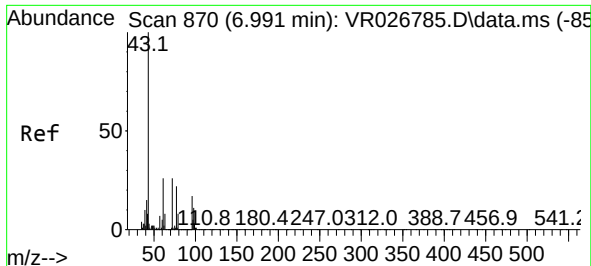
Reviewed By : John Carlone 10/24/2025
 Supervised By : Mahesh Dadoda 10/27/2025



#24
 1,1-Dichloroethane
 Concen: 98.021 ug/l
 RT: 5.986 min Scan# 699
 Delta R.T. -0.018 min
 Lab File: VR026786.D
 Acq: 22 Oct 2025 15:25

Tgt Ion: 63 Resp: 1774618
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.4
 100 4.6 2.1 6.3





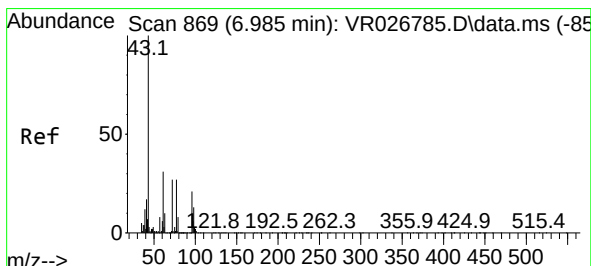
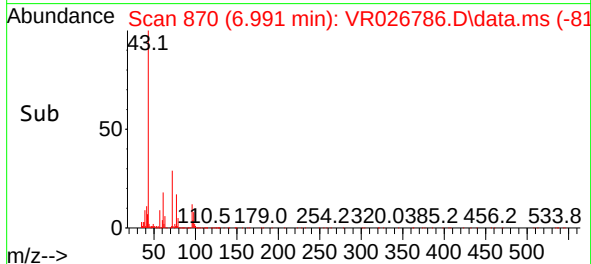
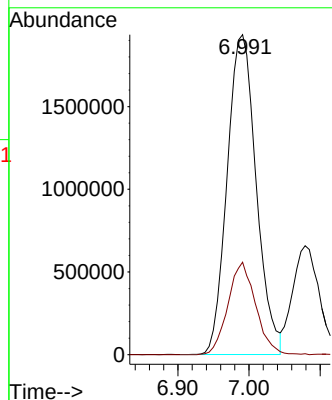
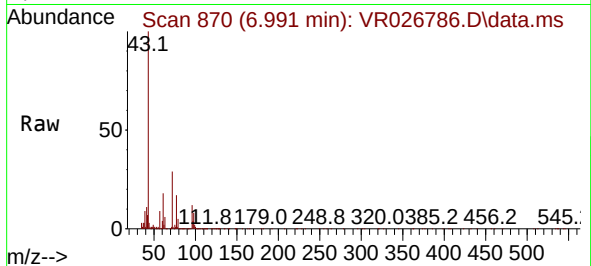
#25
2-Butanone
Concen: 488.539 ug/l
RT: 6.991 min Scan# 870
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 5505169
Ion Ratio Lower Upper
43 100
72 28.9 21.0 31.4

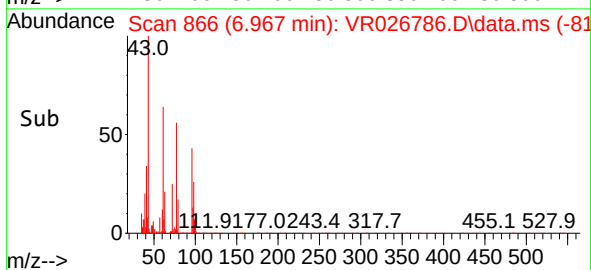
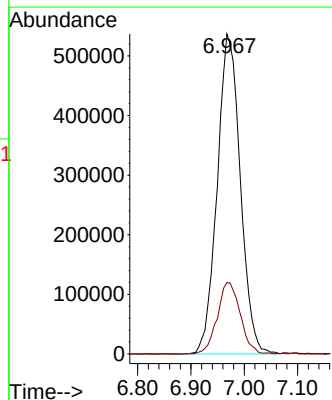
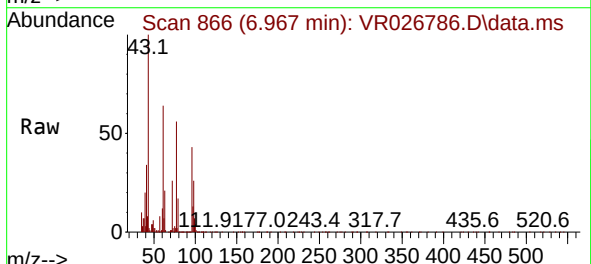
Manual Integrations
APPROVED

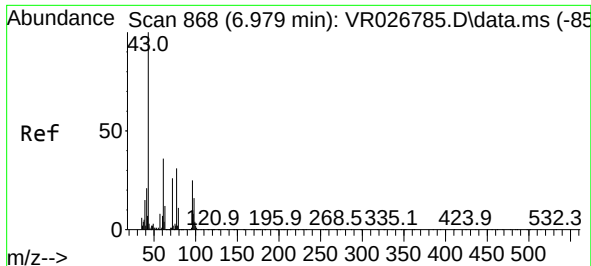
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#26
2,2-Dichloropropane
Concen: 104.490 ug/l
RT: 6.967 min Scan# 866
Delta R.T. -0.018 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

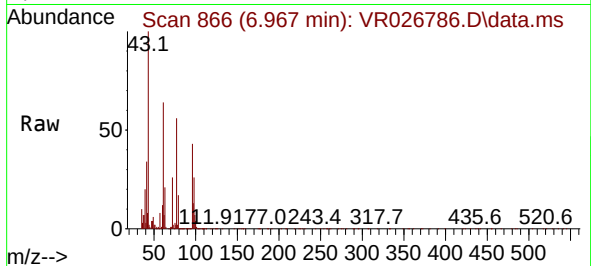
Tgt Ion: 77 Resp: 1616177
Ion Ratio Lower Upper
77 100
97 22.2 11.6 34.7





#27
cis-1,2-Dichloroethene
Concen: 100.398 ug/l
RT: 6.967 min Scan# 80
Delta R.T. -0.012 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

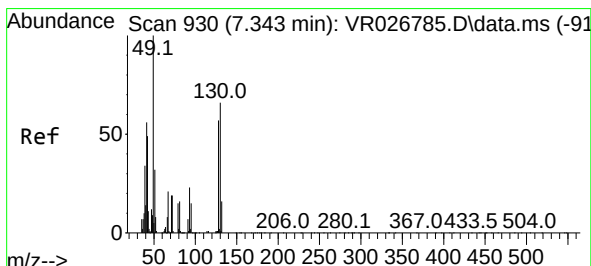
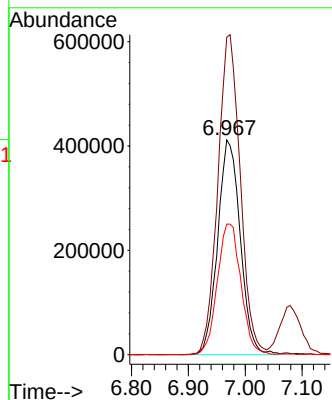
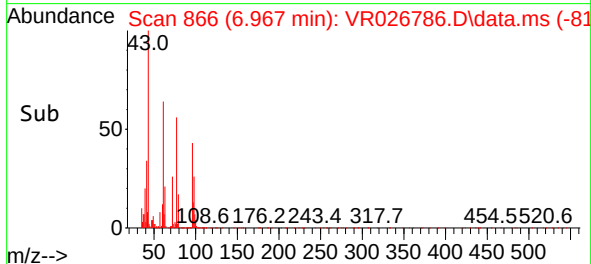
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 113530
Ion Ratio Lower Upper
96 100
61 148.2 0.0 291.0
98 63.6 0.0 127.8

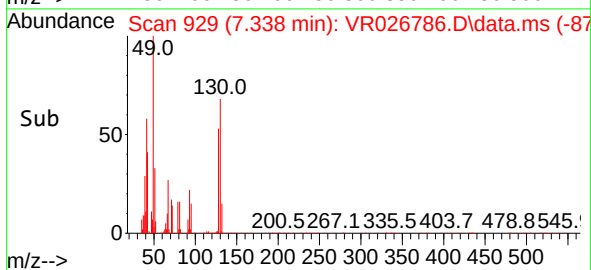
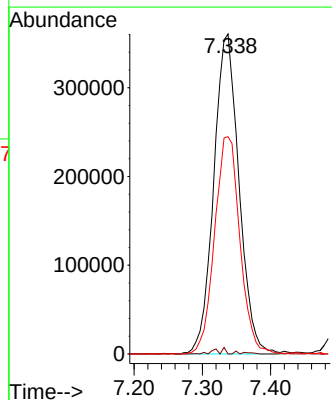
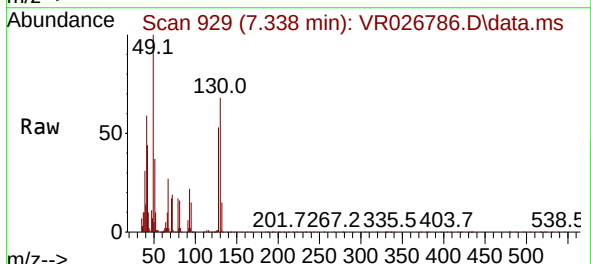
Manual Integrations
APPROVED

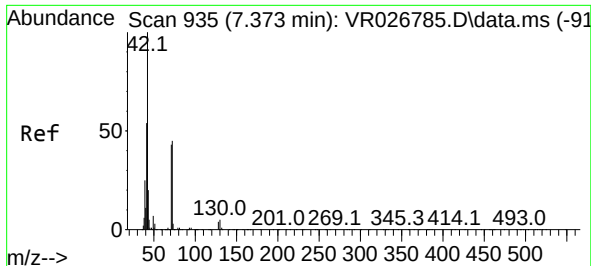
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#28
Bromochloromethane
Concen: 113.647 ug/l
RT: 7.338 min Scan# 929
Delta R.T. -0.006 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

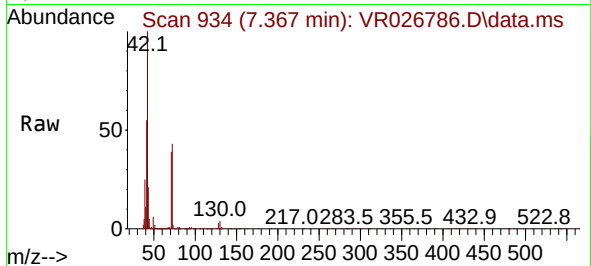
Tgt Ion: 49 Resp: 929674
Ion Ratio Lower Upper
49 100
129 0.1 0.0 2.6
130 68.0 53.8 80.6





#29
Tetrahydrofuran
Concen: 518.003 ug/l
RT: 7.367 min Scan# 911
Delta R.T. -0.006 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

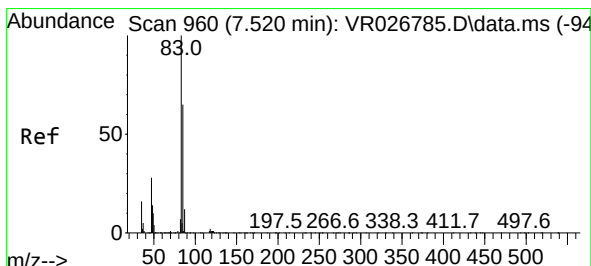
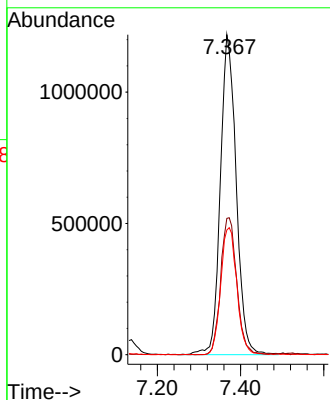
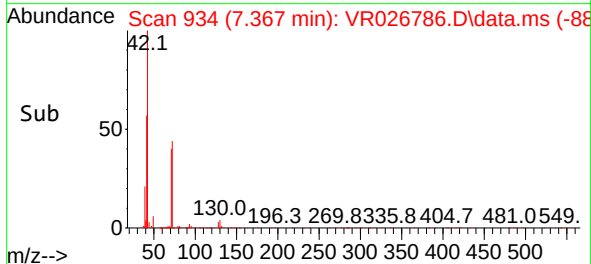
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100



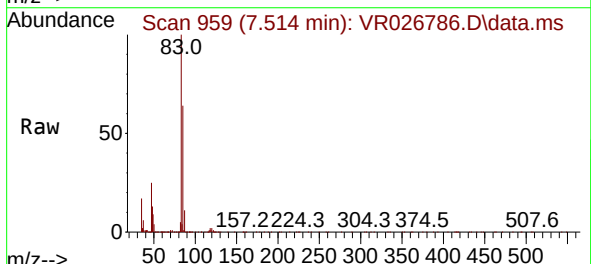
Tgt Ion: 42 Resp: 3221814
Ion Ratio Lower Upper
42 100
72 43.3 35.4 53.0
71 40.3 32.8 49.2

Manual Integrations
APPROVED

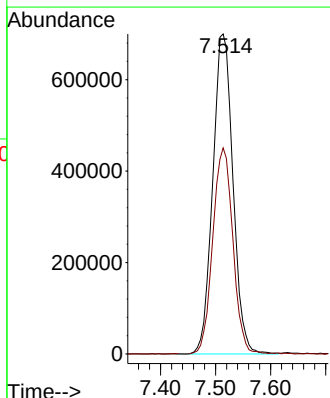
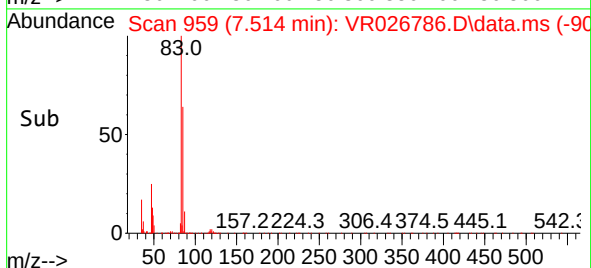
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

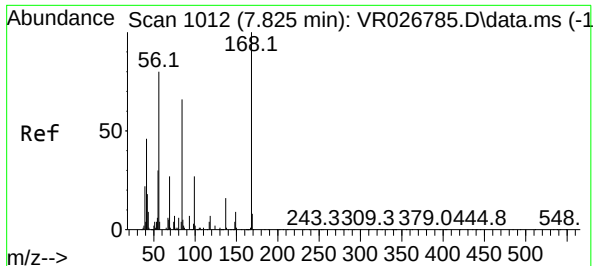


#30
Chloroform
Concen: 101.701 ug/l
RT: 7.514 min Scan# 959
Delta R.T. -0.006 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25



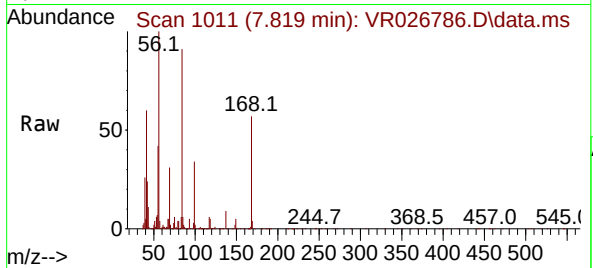
Tgt Ion: 83 Resp: 1783199
Ion Ratio Lower Upper
83 100
85 64.4 51.7 77.5





#31
Cyclohexane
Concen: 93.449 ug/l
RT: 7.819 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

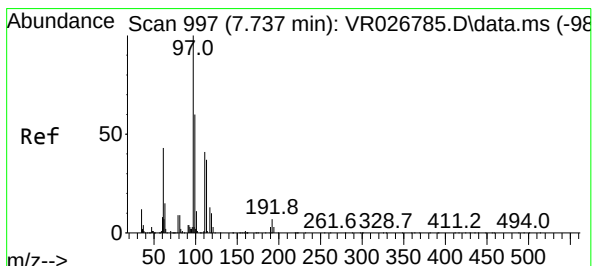
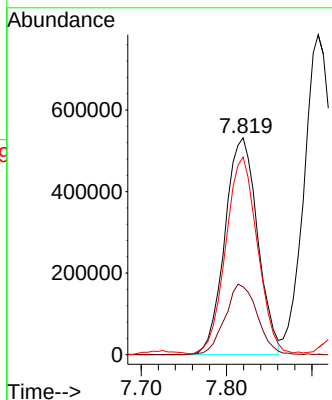
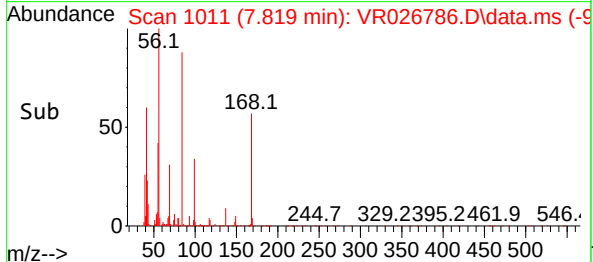
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 141475
Ion Ratio Lower Upper
56 100
69 31.3 26.9 40.3
84 90.0 66.1 99.1

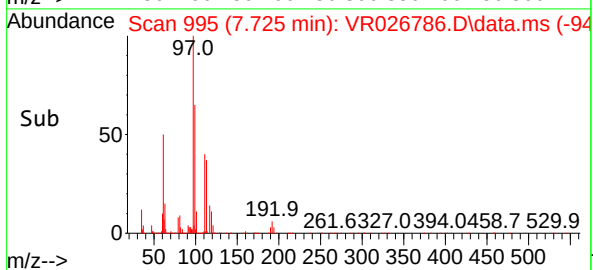
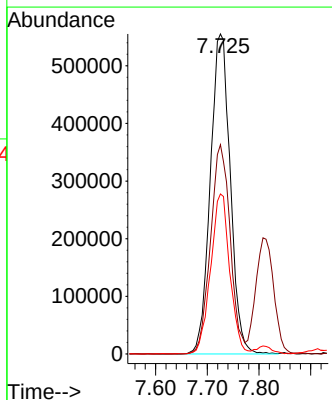
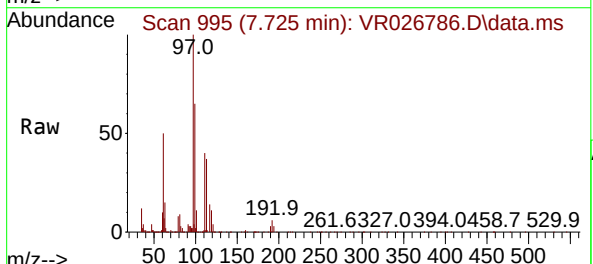
Manual Integrations
APPROVED

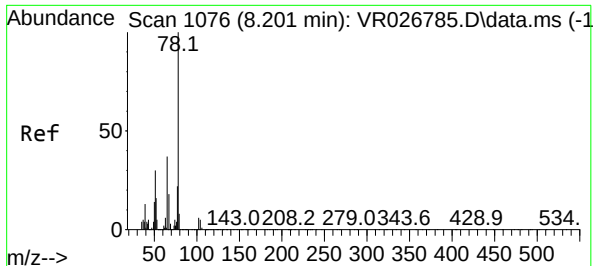
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#32
1,1,1-Trichloroethane
Concen: 102.538 ug/l
RT: 7.725 min Scan# 995
Delta R.T. -0.012 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Tgt Ion: 97 Resp: 1487786
Ion Ratio Lower Upper
97 100
99 64.5 49.5 74.3
61 48.0 36.9 55.3





#33

1,2-Dichloroethane-d4

Concen: 102.074 ug/l

RT: 8.190 min Scan# 1107

Delta R.T. -0.012 min

Lab File: VR026786.D

Acq: 22 Oct 2025 15:25

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 654124

Ion Ratio Lower Upper

65 100

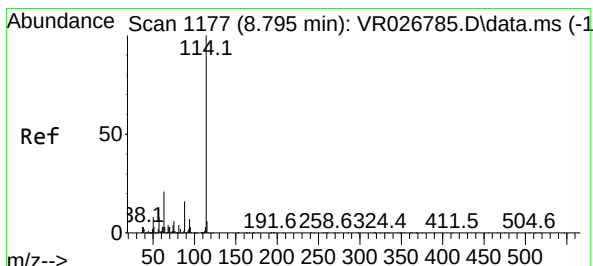
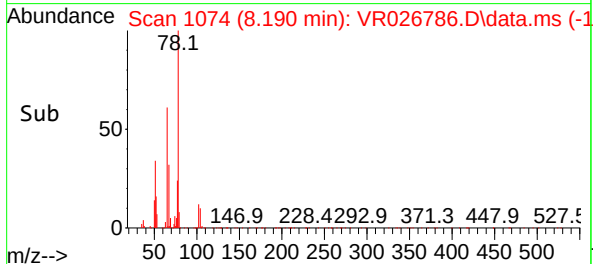
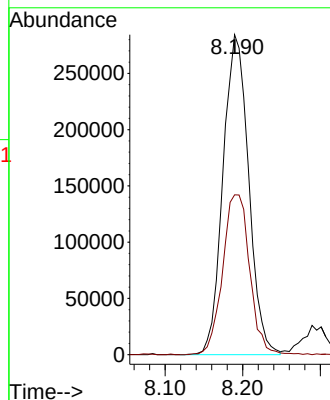
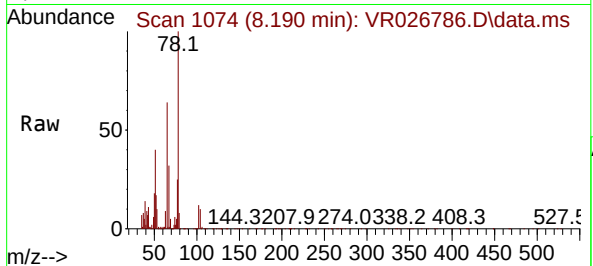
67 52.8 0.0 108.2

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: 8.783 min Scan# 1175

Delta R.T. -0.012 min

Lab File: VR026786.D

Acq: 22 Oct 2025 15:25

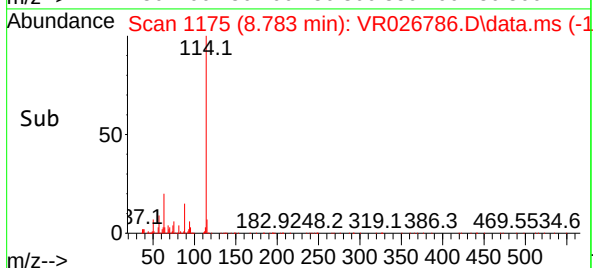
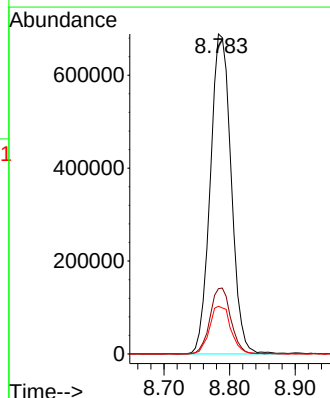
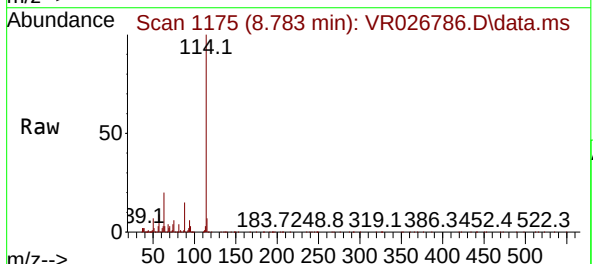
Tgt Ion:114 Resp: 1519765

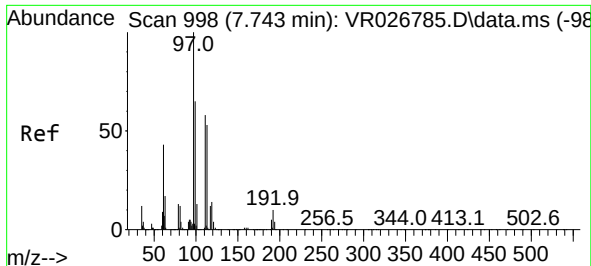
Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

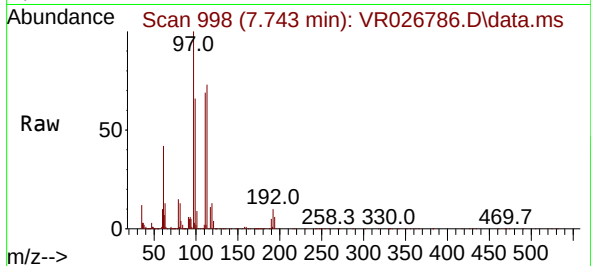
88 14.9 0.0 31.4





#35
Dibromofluoromethane
Concen: 98.898 ug/l
RT: 7.743 min Scan# 998
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

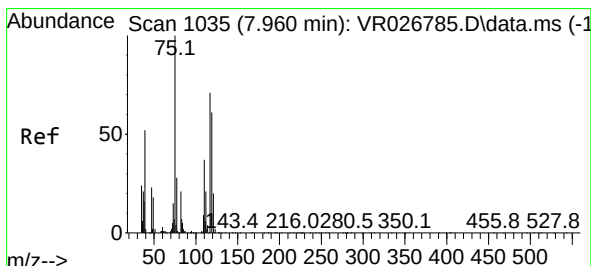
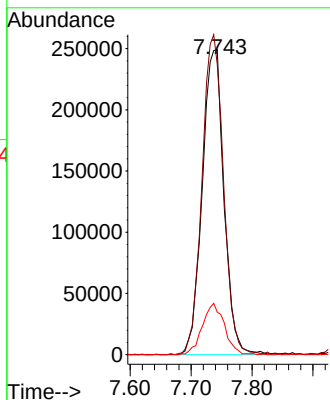
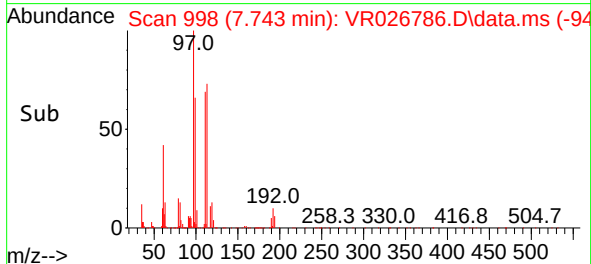
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100



Tgt Ion: 113 Resp: 617830
Ion Ratio Lower Upper
113 100
111 103.3 86.0 129.0
192 17.2 14.6 22.0

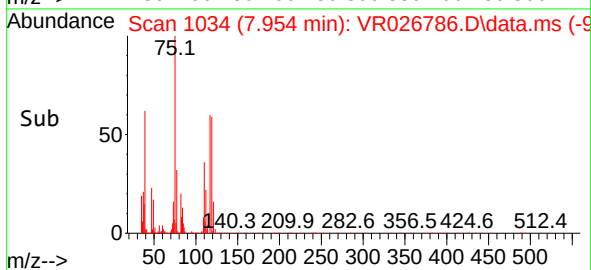
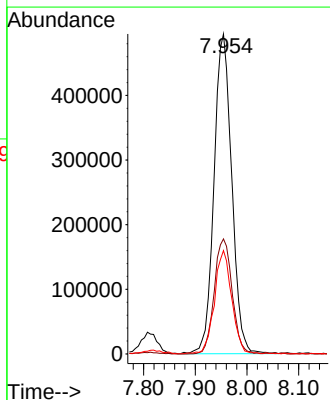
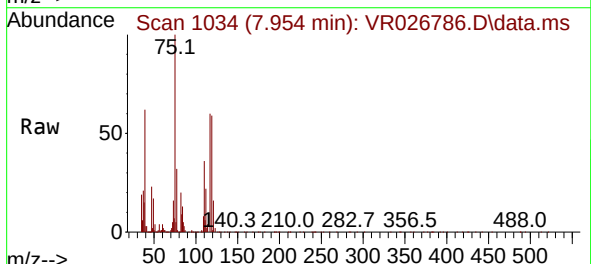
Manual Integrations
APPROVED

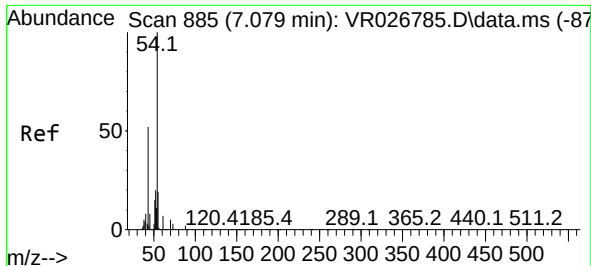
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#36
1,1-Dichloropropene
Concen: 98.184 ug/l
RT: 7.954 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Tgt Ion: 75 Resp: 1178225
Ion Ratio Lower Upper
75 100
110 36.4 17.4 52.2
77 31.4 23.8 35.8





#37

Ethyl Acetate

Concen: 100.893 ug/l

RT: 7.079 min Scan# 885

Delta R.T. 0.000 min

Lab File: VR026786.D

Acq: 22 Oct 2025 15:25

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 177370

Ion Ratio Lower Upper

43 100

61 13.8 11.0 16.6

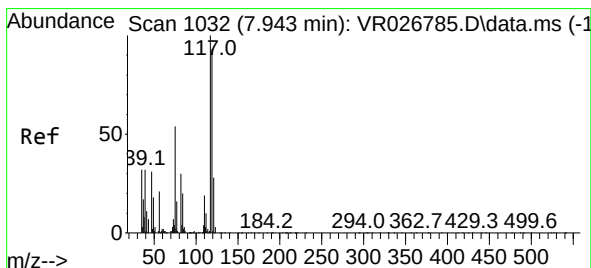
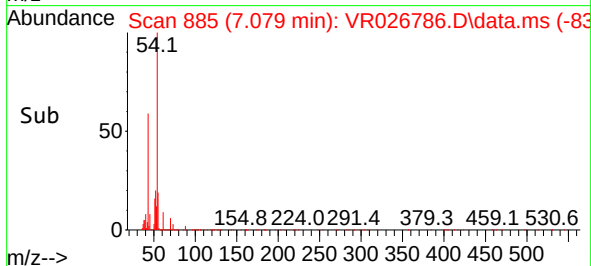
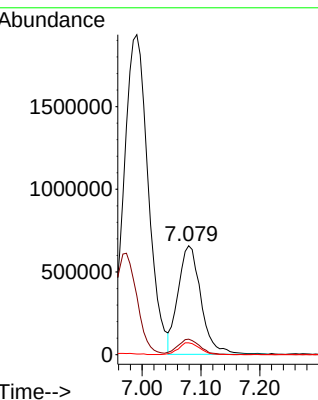
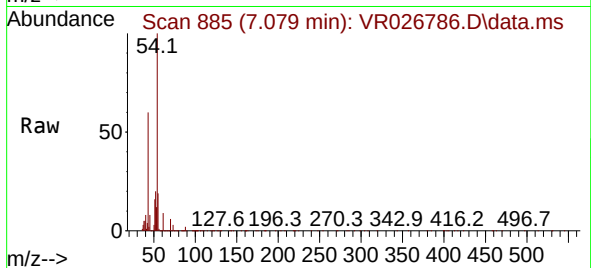
70 10.1 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#38

Carbon Tetrachloride

Concen: 105.182 ug/l

RT: 7.937 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VR026786.D

Acq: 22 Oct 2025 15:25

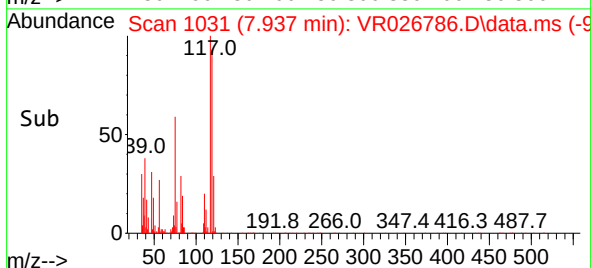
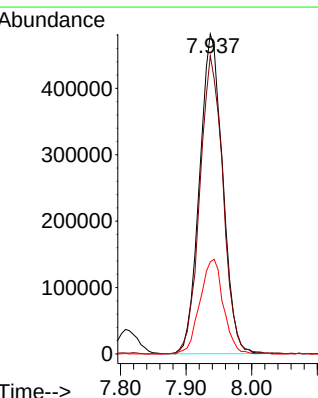
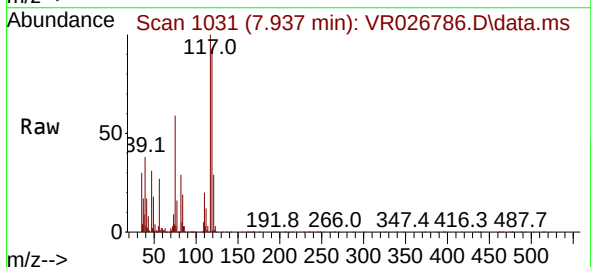
Tgt Ion:117 Resp: 1177014

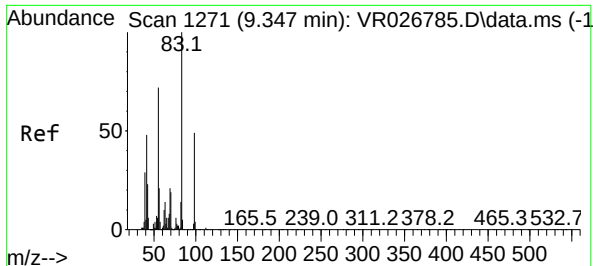
Ion Ratio Lower Upper

117 100

119 93.3 74.3 111.5

121 28.7 22.6 33.8





#39

Methylcyclohexane

Concen: 100.432 ug/l

RT: 9.335 min Scan# 1

Delta R.T. -0.012 min

Lab File: VR026786.D

Acq: 22 Oct 2025 15:25

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 151554

Ion Ratio Lower Upper

83 100

55 73.1 57.1 85.7

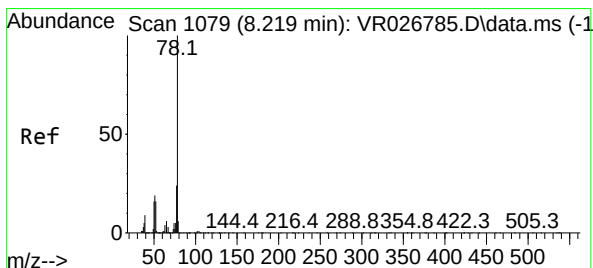
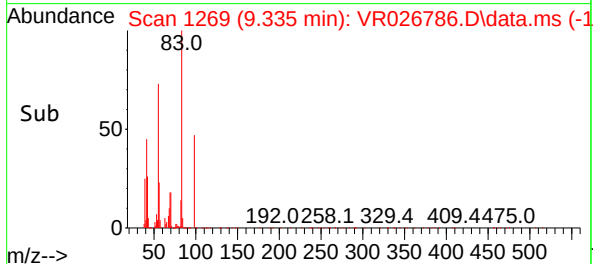
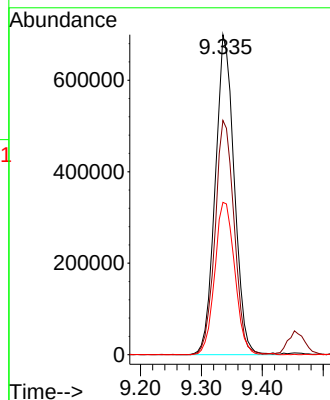
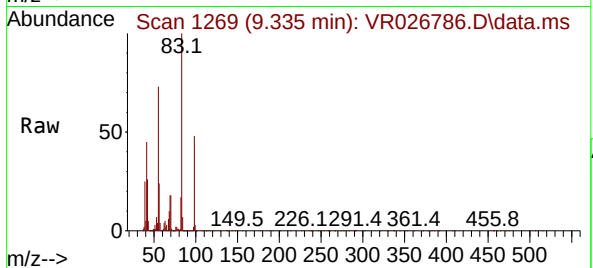
98 47.6 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#40

Benzene

Concen: 99.041 ug/l

RT: 8.213 min Scan# 1078

Delta R.T. -0.006 min

Lab File: VR026786.D

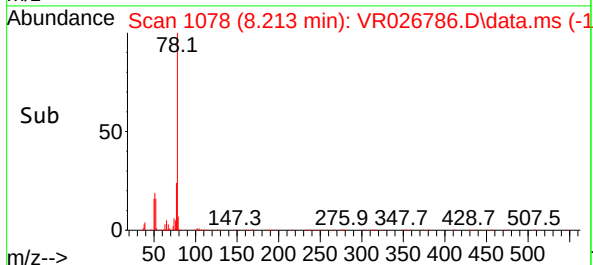
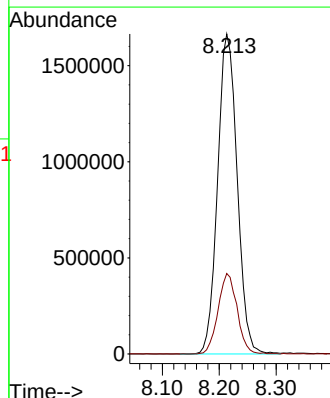
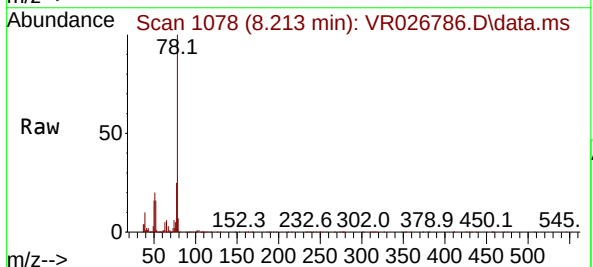
Acq: 22 Oct 2025 15:25

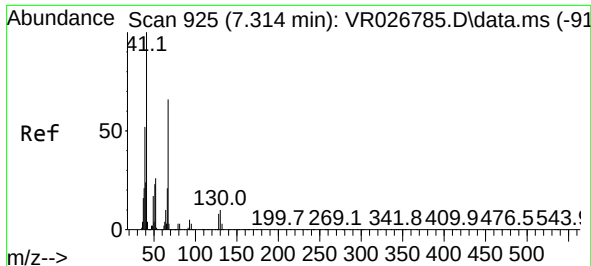
Tgt Ion: 78 Resp: 3981207

Ion Ratio Lower Upper

78 100

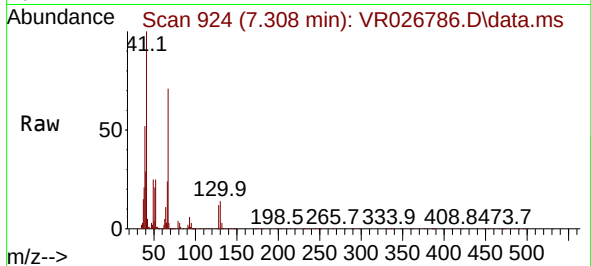
77 25.1 19.3 28.9





#41
Methacrylonitrile
Concen: 101.123 ug/l
RT: 7.308 min Scan# 91
Delta R.T. -0.006 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

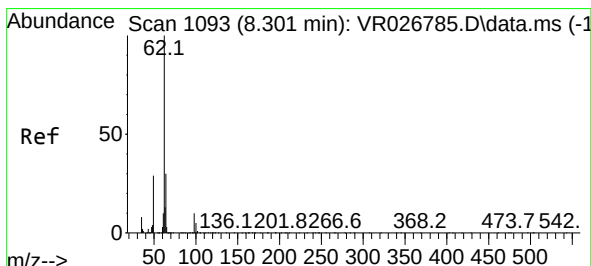
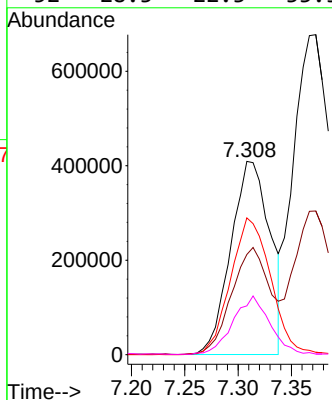
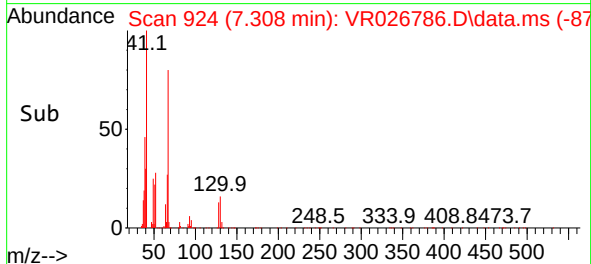
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100



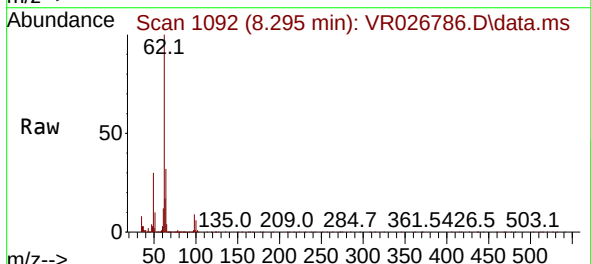
Tgt Ion: 41 Resp: 104787
Ion Ratio Lower Upper
41 100
39 53.9 40.3 60.5
67 73.0 57.3 85.9
52 28.3 22.3 33.5

Manual Integrations
APPROVED

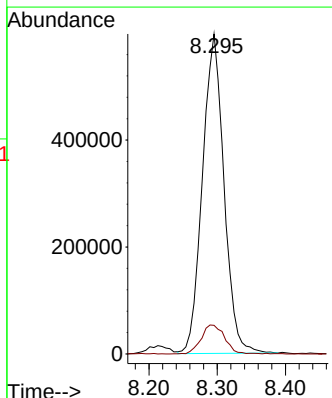
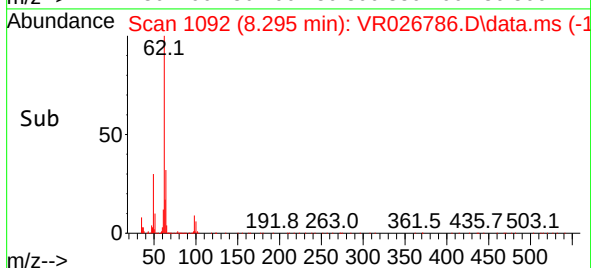
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

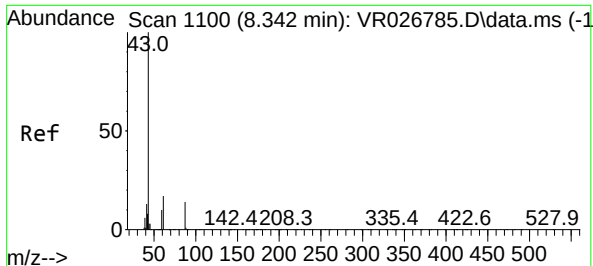


#42
1,2-Dichloroethane
Concen: 99.770 ug/l
RT: 8.295 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25



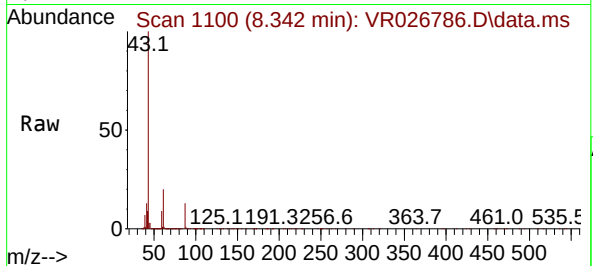
Tgt Ion: 62 Resp: 1314067
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.4





#43
Isopropyl Acetate
Concen: 103.455 ug/l
RT: 8.342 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

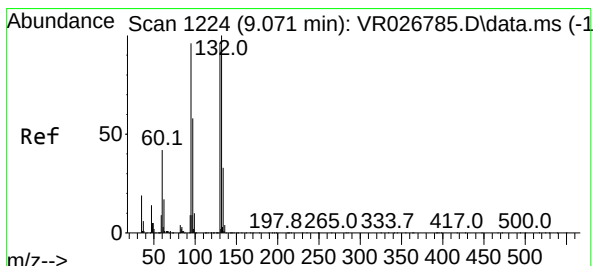
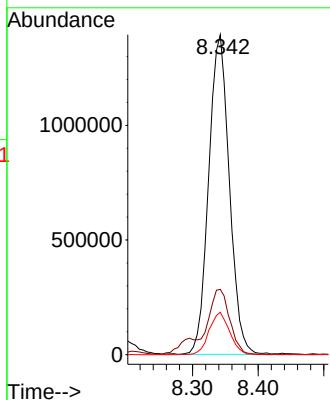
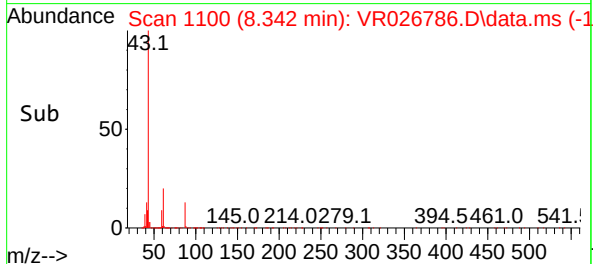
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 304559
Ion Ratio Lower Upper
43 100
61 20.8 20.0 30.0
87 13.1 10.5 15.7

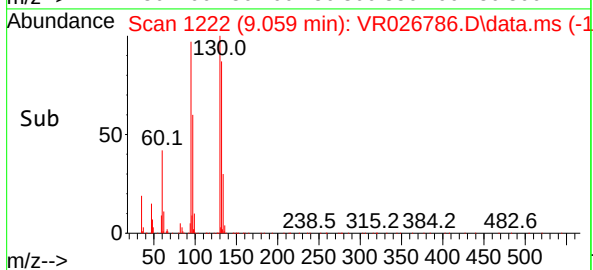
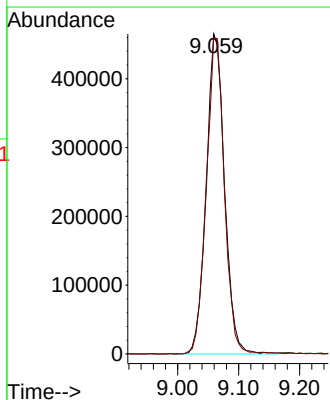
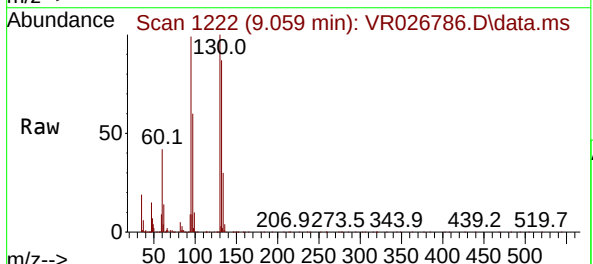
Manual Integrations
APPROVED

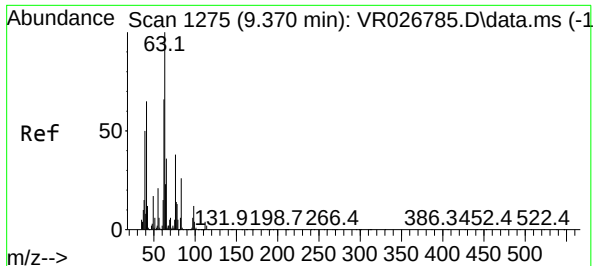
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#44
Trichloroethene
Concen: 101.020 ug/l
RT: 9.059 min Scan# 1222
Delta R.T. -0.012 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Tgt Ion:130 Resp: 969150
Ion Ratio Lower Upper
130 100
95 98.8 0.0 198.6





#45

1,2-Dichloropropane

Concen: 102.850 ug/l

RT: 9.365 min Scan# 1274

Delta R.T. -0.006 min

Lab File: VR026786.D

Acq: 22 Oct 2025 15:25

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC100

Tgt Ion: 63 Resp: 107964

Ion Ratio Lower Upper

63 100

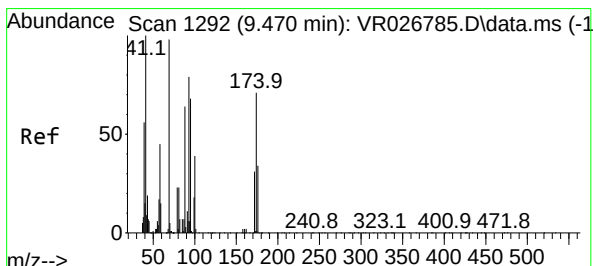
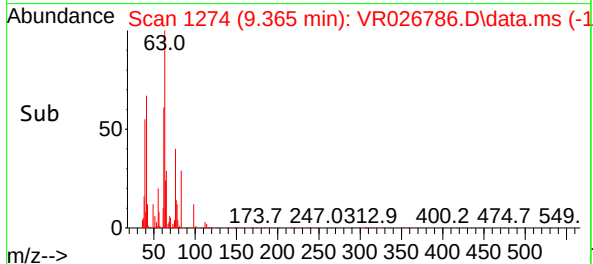
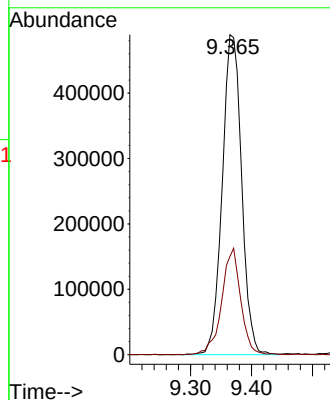
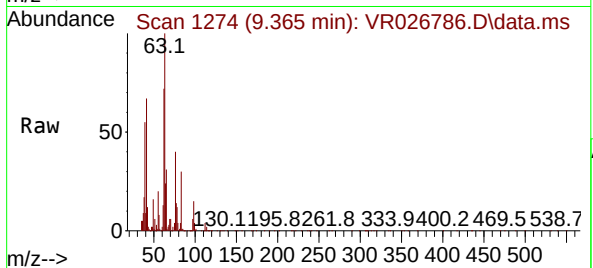
65 30.6 28.6 43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#46

Dibromomethane

Concen: 100.932 ug/l

RT: 9.464 min Scan# 1291

Delta R.T. -0.006 min

Lab File: VR026786.D

Acq: 22 Oct 2025 15:25

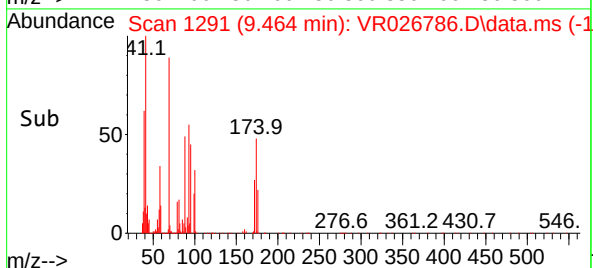
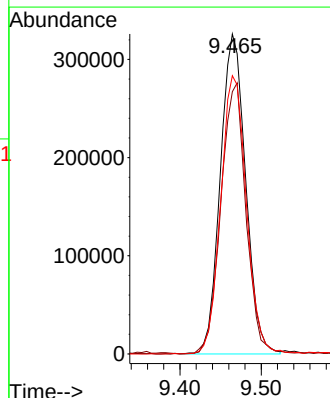
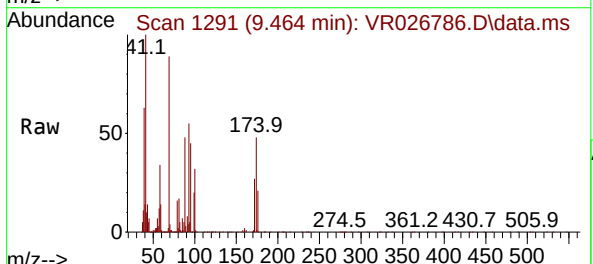
Tgt Ion: 93 Resp: 703206

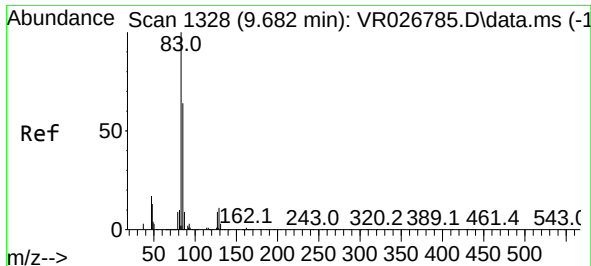
Ion Ratio Lower Upper

93 100

95 83.9 67.0 100.4

174 88.8 71.1 106.7





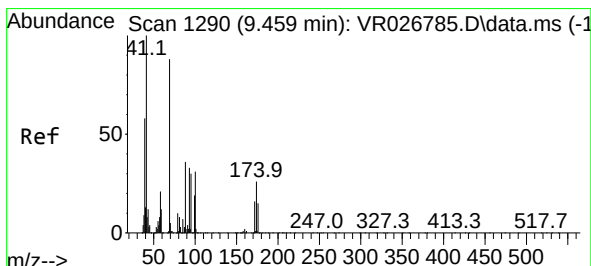
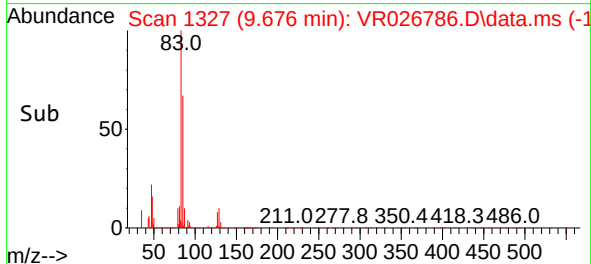
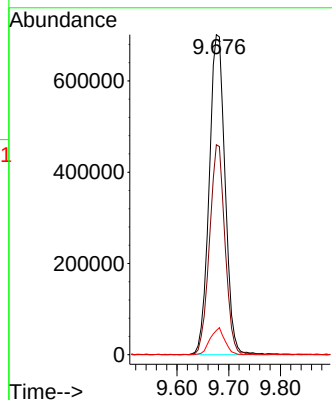
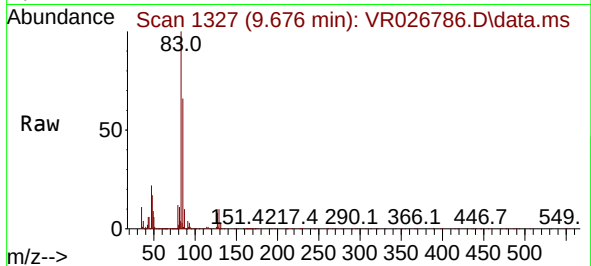
#47
Bromodichloromethane
Concen: 103.071 ug/l
RT: 9.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 149401
Ion Ratio Lower Upper
83 100
85 65.6 51.0 76.4
127 7.5 6.9 10.3

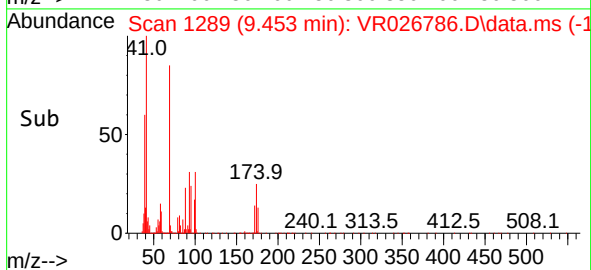
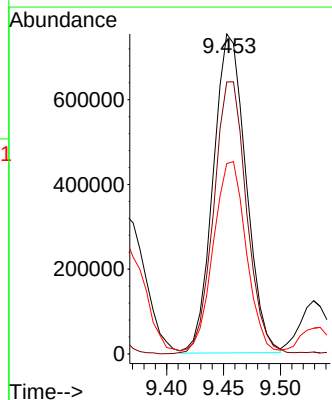
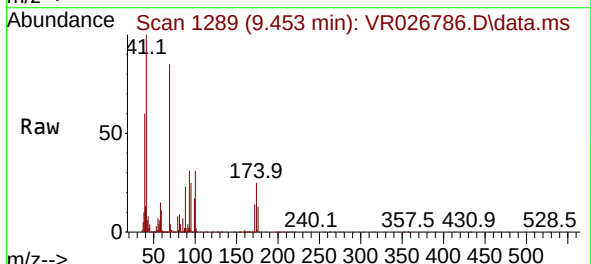
Manual Integrations
APPROVED

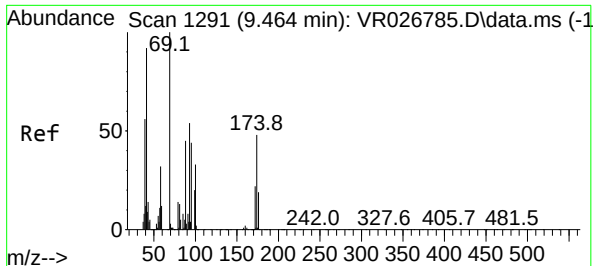
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#48
Methyl methacrylate
Concen: 109.158 ug/l
RT: 9.453 min Scan# 1289
Delta R.T. -0.006 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Tgt Ion: 41 Resp: 1510020
Ion Ratio Lower Upper
41 100
69 85.6 70.2 105.4
39 60.9 48.7 73.1





#49

1,4-Dioxane

Concen: 2361.686 ug/l

RT: 9.470 min Scan# 1291

Delta R.T. 0.006 min

Lab File: VR026786.D

Acq: 22 Oct 2025 15:25

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 71894

Ion Ratio Lower Upper

88 100

43 27.4 23.4 35.2

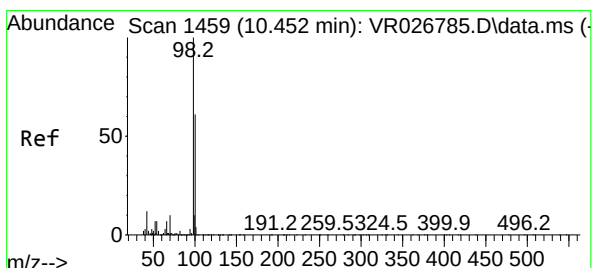
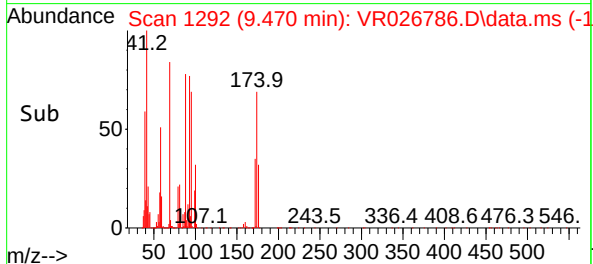
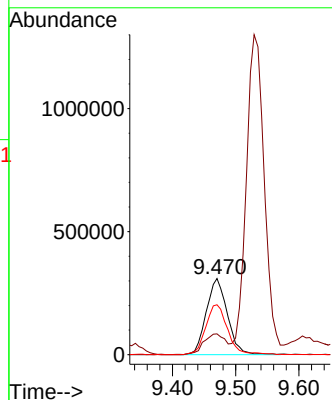
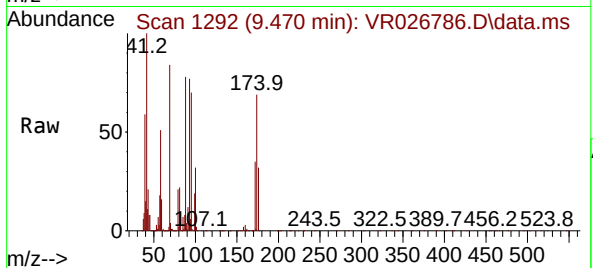
58 68.3 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#50

Toluene-d8

Concen: 98.144 ug/l

RT: 10.452 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VR026786.D

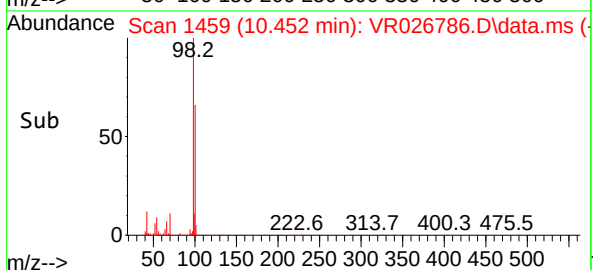
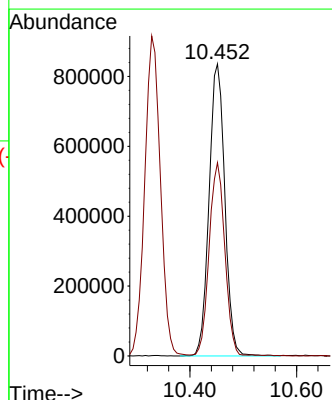
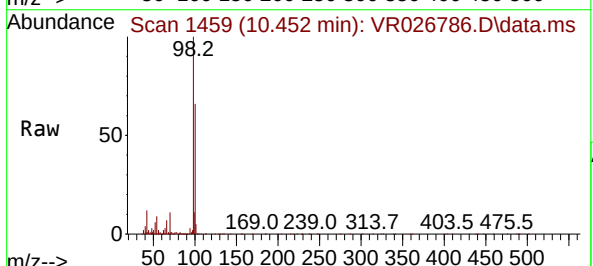
Acq: 22 Oct 2025 15:25

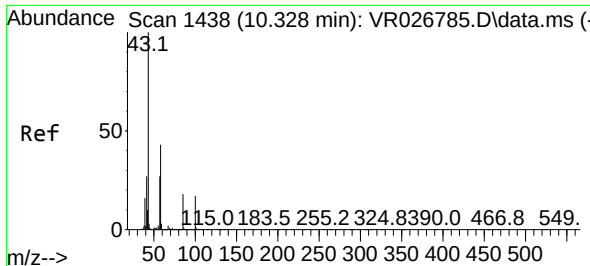
Tgt Ion: 98 Resp: 1710453

Ion Ratio Lower Upper

98 100

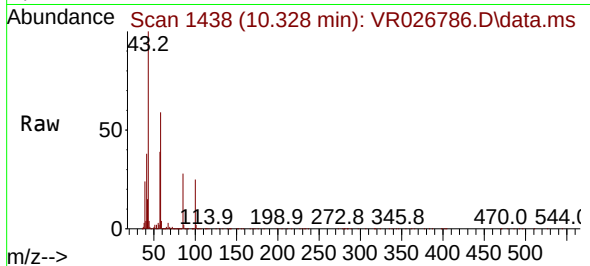
100 65.2 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 467.692 ug/l
RT: 10.328 min Scan# 1438
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

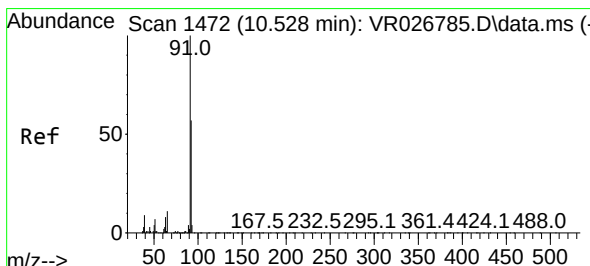
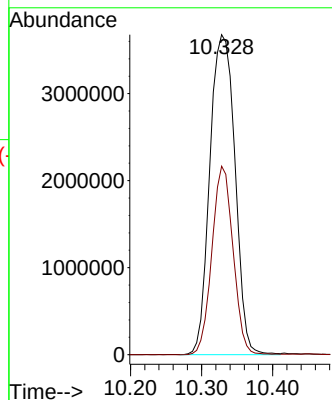
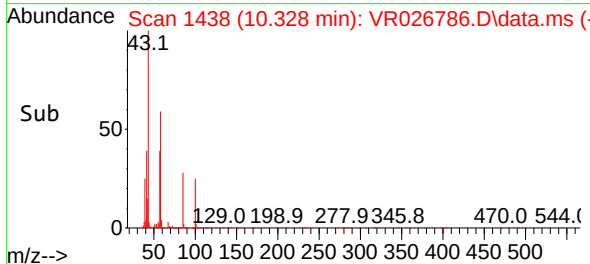
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100



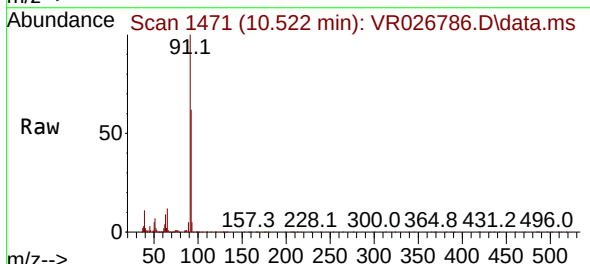
Tgt Ion: 43 Resp: 9027579
Ion Ratio Lower Upper
43 100
58 49.6 33.1 49.7

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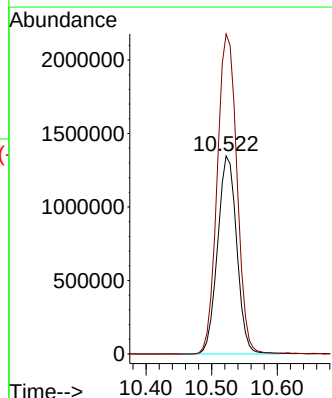
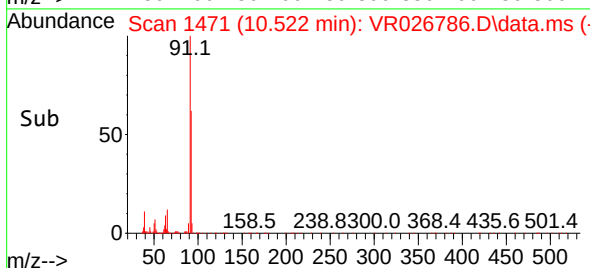
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

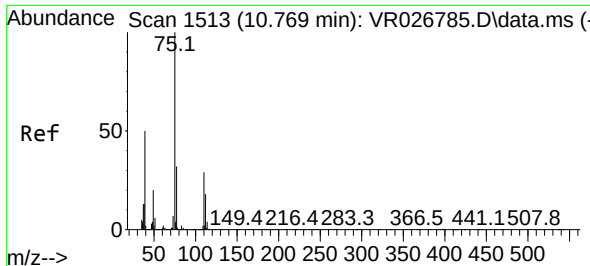


#52
Toluene
Concen: 100.543 ug/l
RT: 10.522 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25



Tgt Ion: 92 Resp: 2722740
Ion Ratio Lower Upper
92 100
91 166.8 139.6 209.4





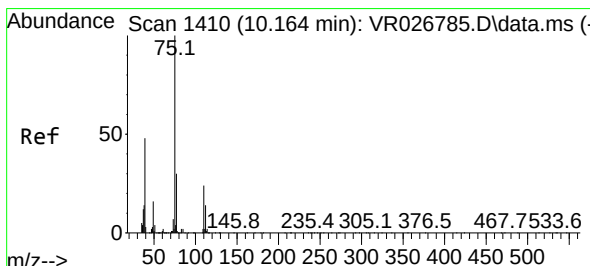
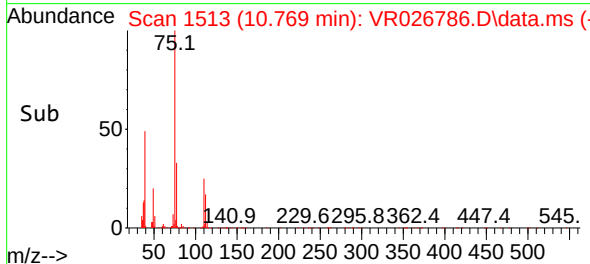
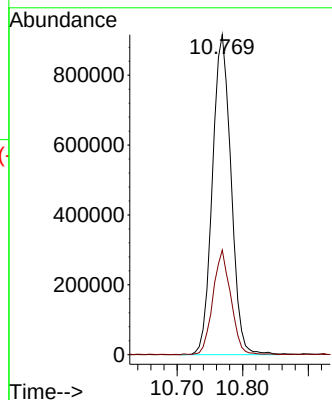
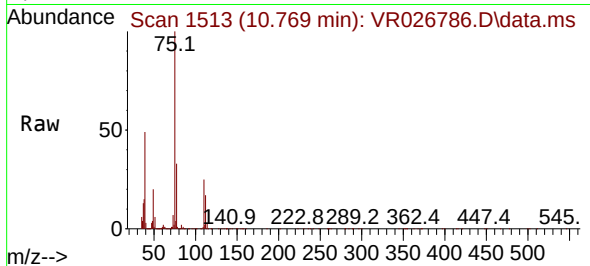
#53
 t-1,3-Dichloropropene
 Concen: 108.986 ug/l
 RT: 10.769 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VR026786.D
 Acq: 22 Oct 2025 15:25

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC100

Tgt Ion: 75 Resp: 180258
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.2

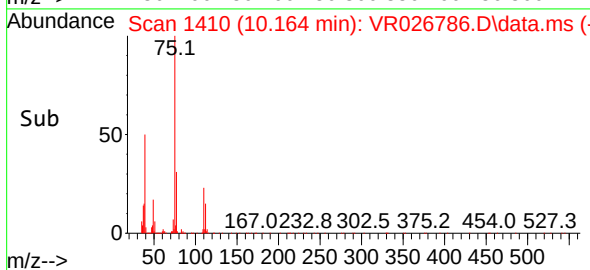
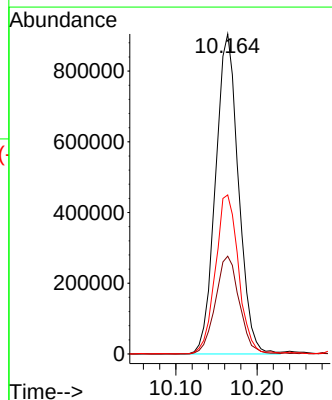
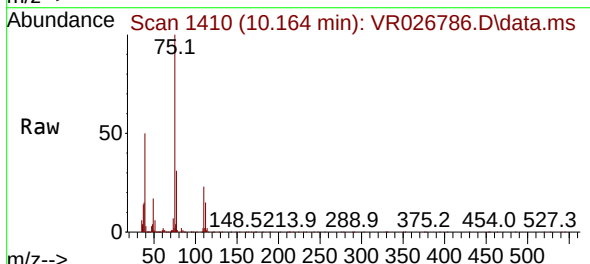
Manual Integrations
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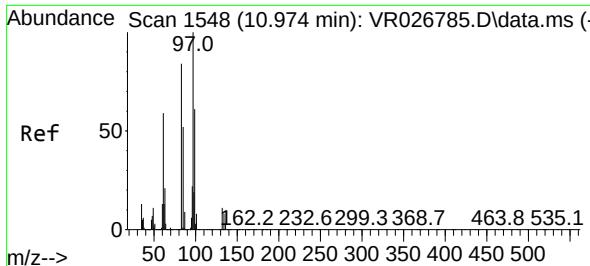
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#54
 cis-1,3-Dichloropropene
 Concen: 103.318 ug/l
 RT: 10.164 min Scan# 1410
 Delta R.T. 0.000 min
 Lab File: VR026786.D
 Acq: 22 Oct 2025 15:25

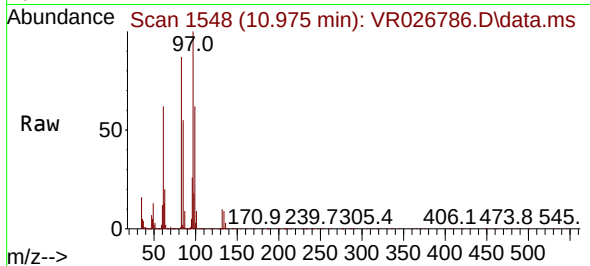
Tgt Ion: 75 Resp: 1777716
 Ion Ratio Lower Upper
 75 100
 77 30.5 23.7 35.5
 39 49.6 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 105.226 ug/l
RT: 10.975 min Scan# 1548
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

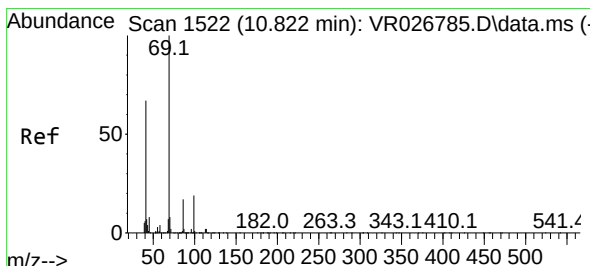
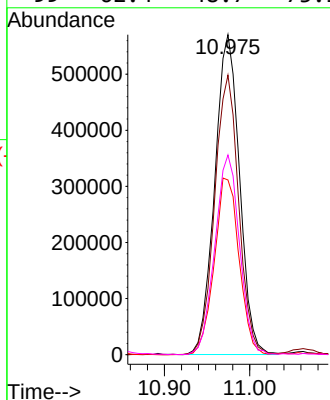
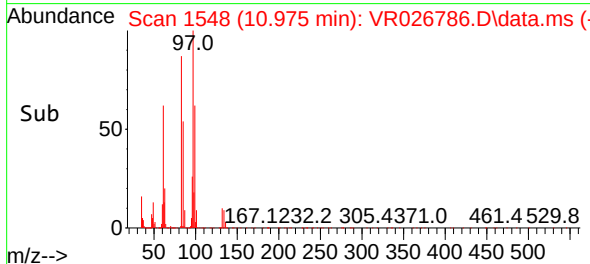
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100



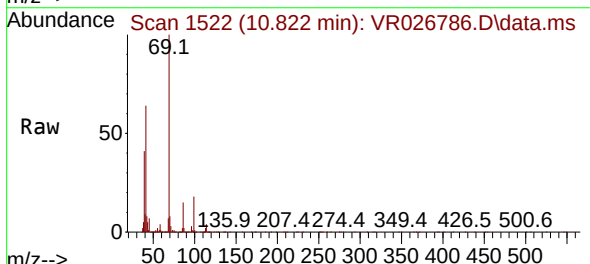
Tgt Ion: 97 Resp: 1151160
Ion Ratio Lower Upper
97 100
83 87.4 67.0 100.6
85 54.6 41.8 62.8
99 62.4 48.7 73.1

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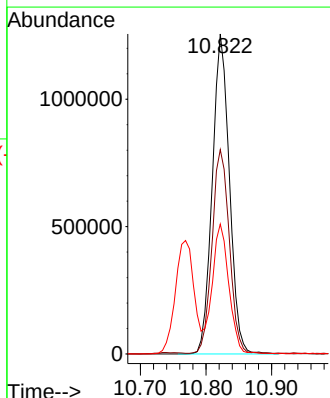
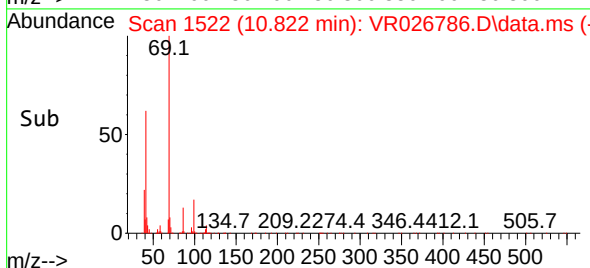
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

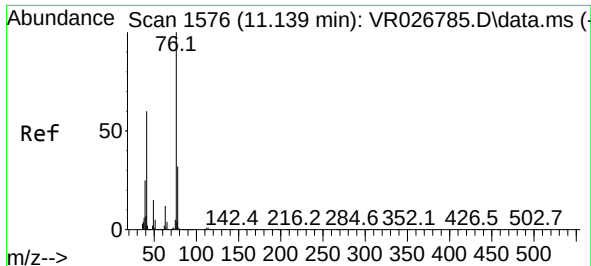


#56
Ethyl methacrylate
Concen: 112.130 ug/l
RT: 10.822 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25



Tgt Ion: 69 Resp: 2271105
Ion Ratio Lower Upper
69 100
41 64.2 52.7 79.1
39 40.0 30.6 46.0





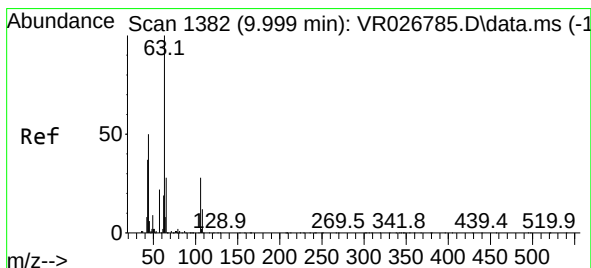
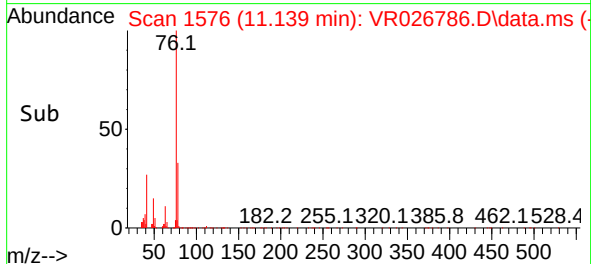
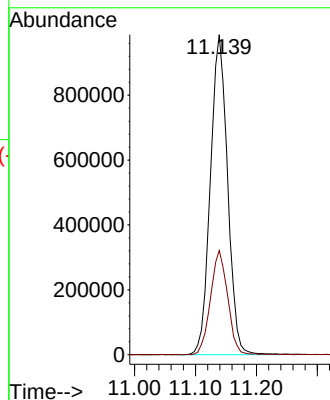
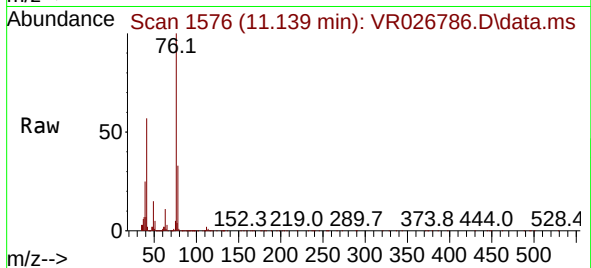
#57
1,3-Dichloropropane
Concen: 105.462 ug/l
RT: 11.139 min Scan# 1576
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 193518
Ion Ratio Lower Upper
76 100
78 32.5 26.7 40.1

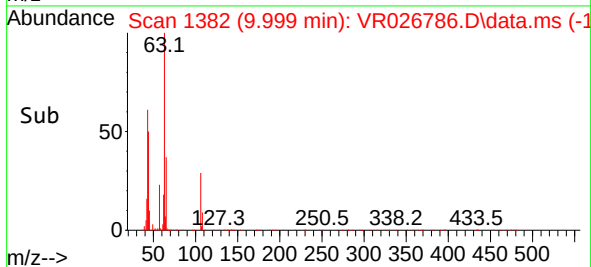
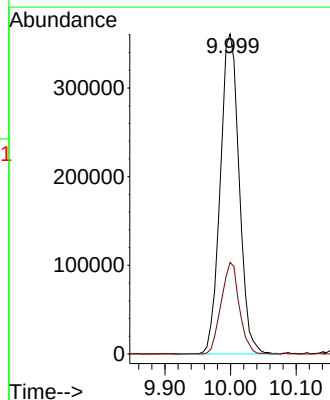
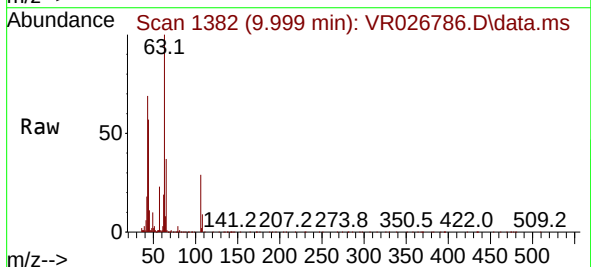
Manual Integrations
APPROVED

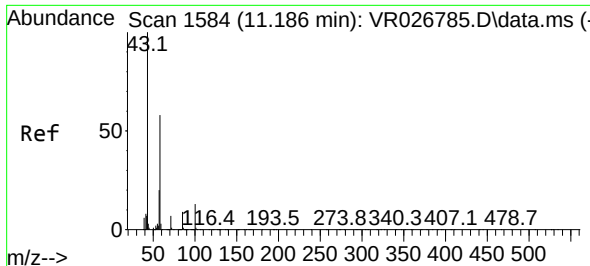
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#58
2-Chloroethyl Vinyl ether
Concen: 499.423 ug/l
RT: 9.999 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

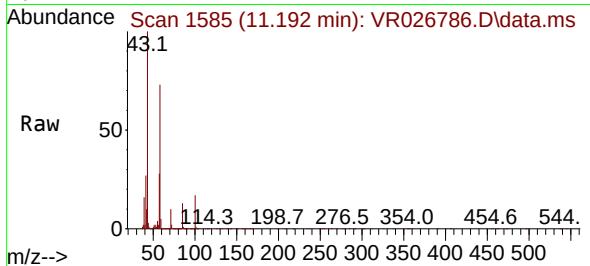
Tgt Ion: 63 Resp: 720959
Ion Ratio Lower Upper
63 100
106 27.3 23.0 34.4





#59
2-Hexanone
Concen: 476.570 ug/l
RT: 11.192 min Scan# 1585
Delta R.T. 0.006 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

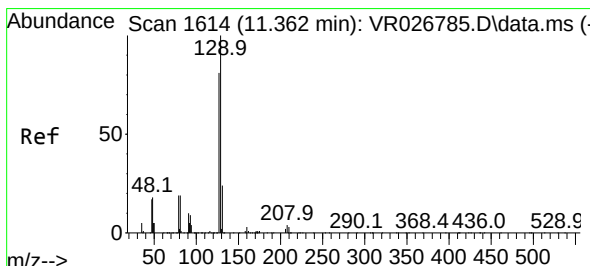
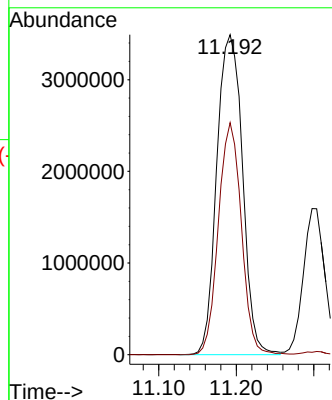
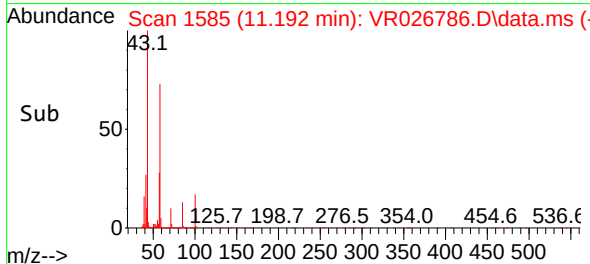
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 8044572
Ion Ratio Lower Upper
43 100
58 64.9 28.4 85.2

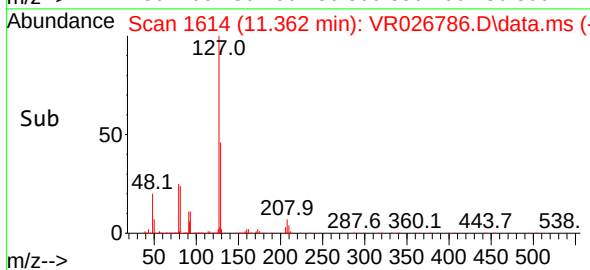
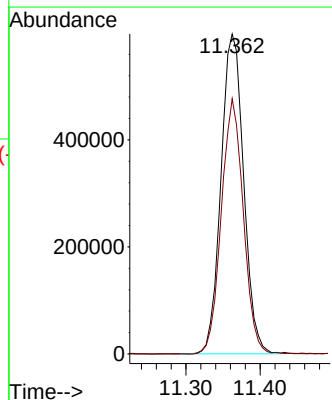
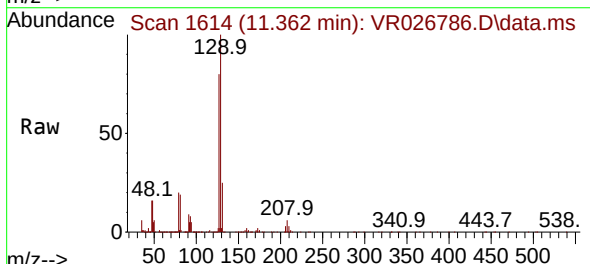
Manual Integrations
APPROVED

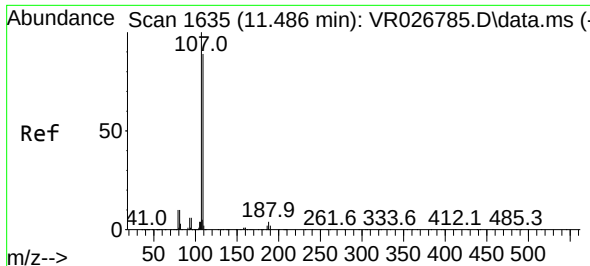
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#60
Dibromochloromethane
Concen: 113.102 ug/l
RT: 11.362 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Tgt Ion:129 Resp: 1265089
Ion Ratio Lower Upper
129 100
127 77.6 39.5 118.3





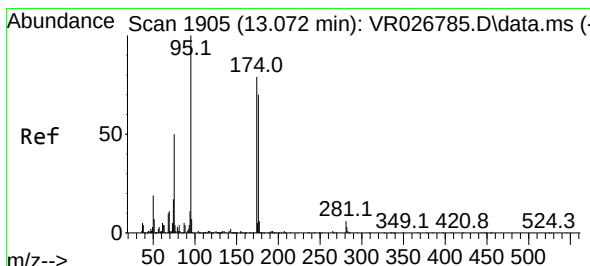
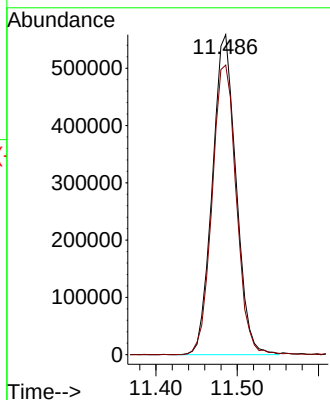
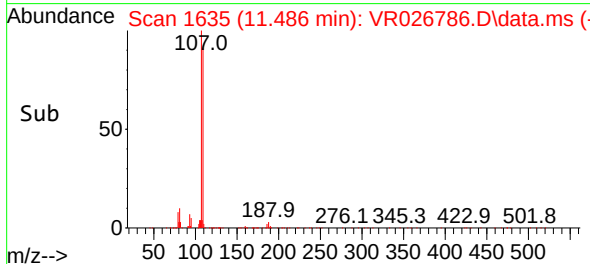
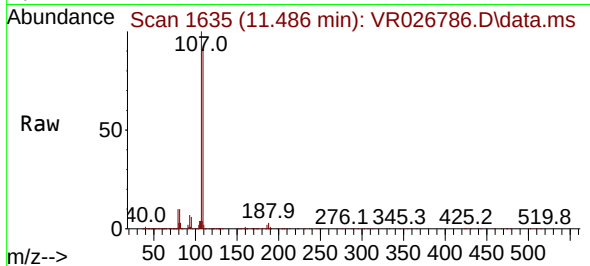
#61
1,2-Dibromoethane
Concen: 104.025 ug/l
RT: 11.486 min Scan# 107
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100

Tgt Ion:107 Resp: 1132092
Ion Ratio Lower Upper
107 100
109 92.7 73.9 110.9

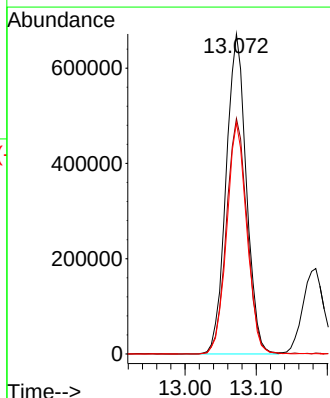
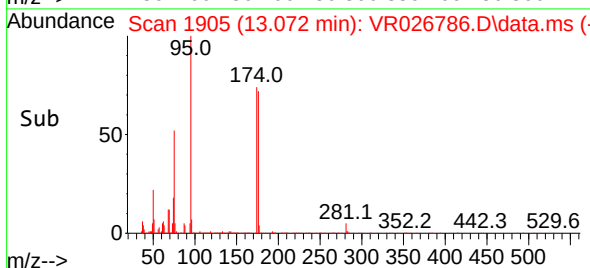
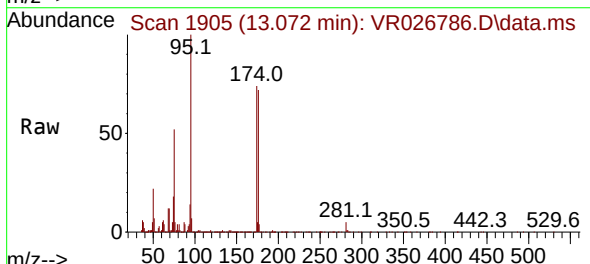
Manual Integrations
APPROVED

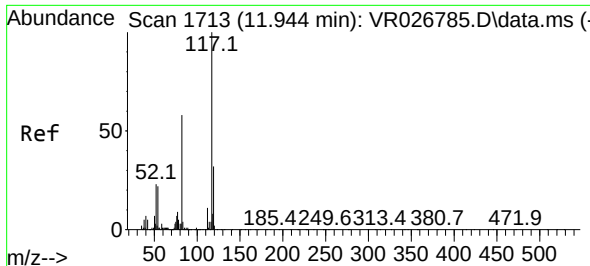
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#62
4-Bromofluorobenzene
Concen: 115.470 ug/l
RT: 13.072 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

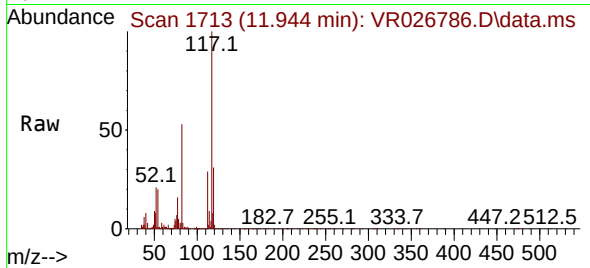
Tgt Ion: 95 Resp: 1325090
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.0
176 71.6 0.0 149.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.944 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

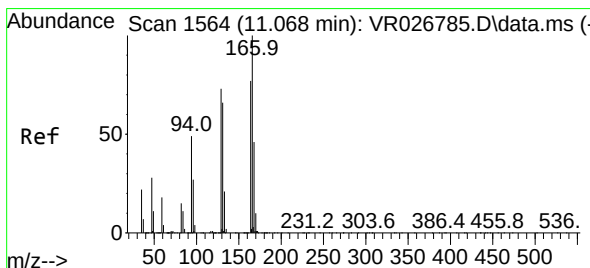
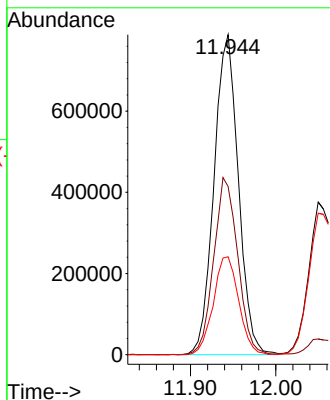
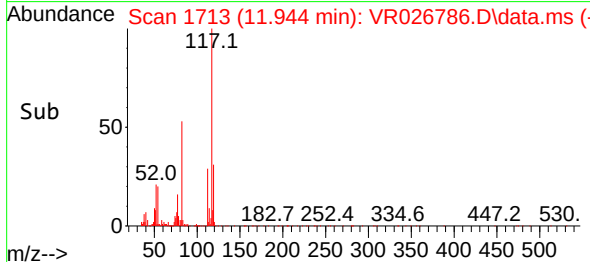
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100



Tgt Ion:117 Resp: 1566808
Ion Ratio Lower Upper
117 100
82 52.5 46.2 69.2
119 30.6 25.4 38.2

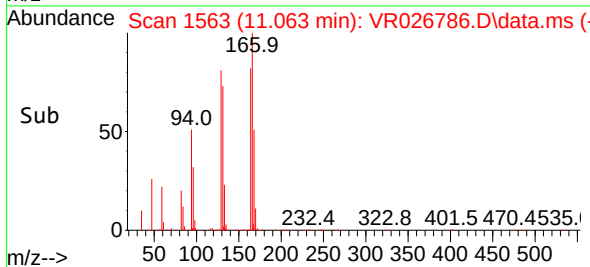
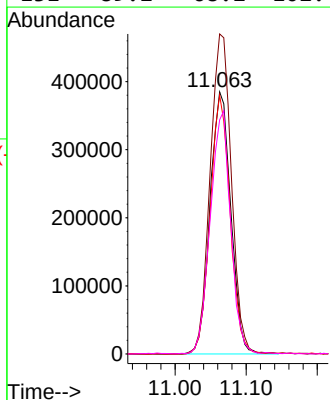
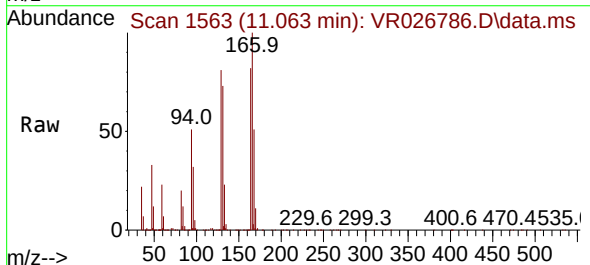
Manual Integrations
APPROVED

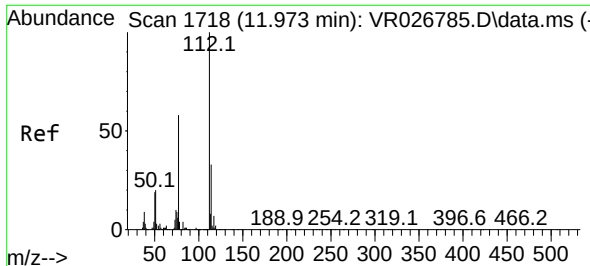
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#64
Tetrachloroethene
Concen: 95.011 ug/l
RT: 11.063 min Scan# 1563
Delta R.T. -0.006 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Tgt Ion:164 Resp: 781812
Ion Ratio Lower Upper
164 100
166 122.0 103.8 155.8
129 98.7 76.0 114.0
131 89.2 68.2 102.4





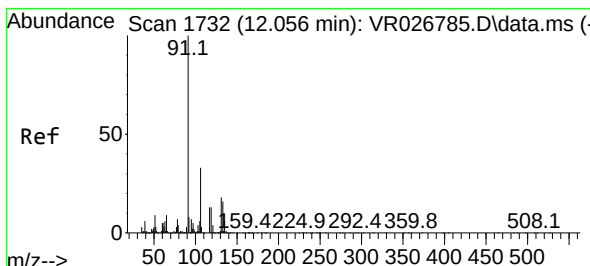
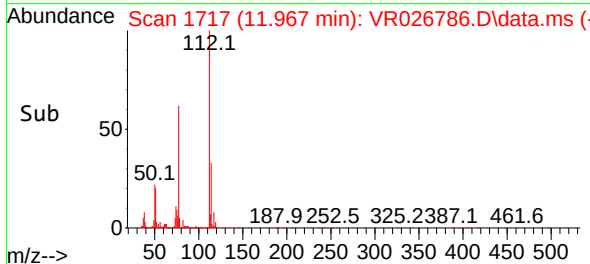
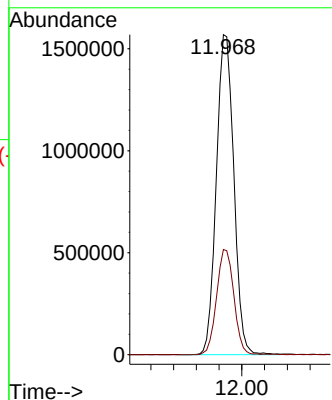
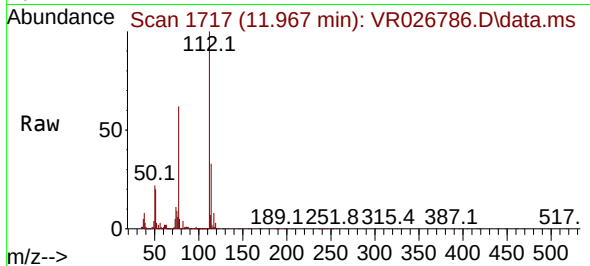
#65
Chlorobenzene
Concen: 96.028 ug/l
RT: 11.967 min Scan# 1718
Delta R.T. -0.006 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 334782
Ion Ratio Lower Upper
112 100
114 32.9 26.2 39.2

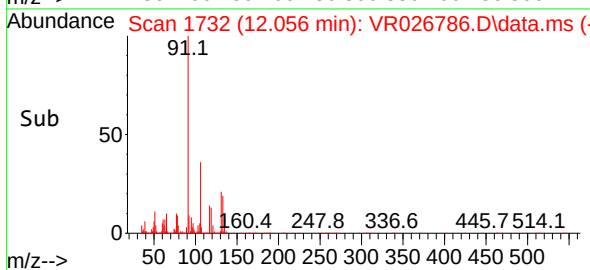
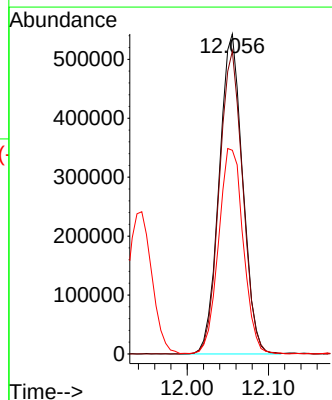
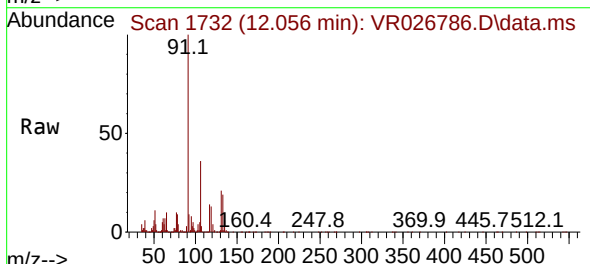
Manual Integrations
APPROVED

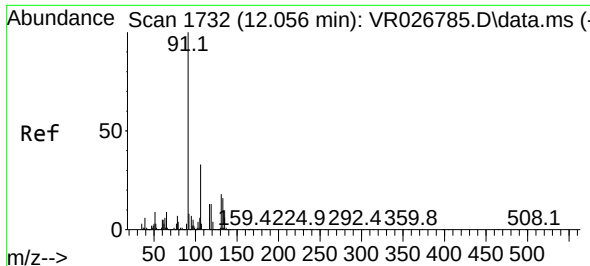
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 101.509 ug/l
RT: 12.056 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Tgt Ion:131 Resp: 1091313
Ion Ratio Lower Upper
131 100
133 94.7 47.3 141.9
119 67.4 33.9 101.7





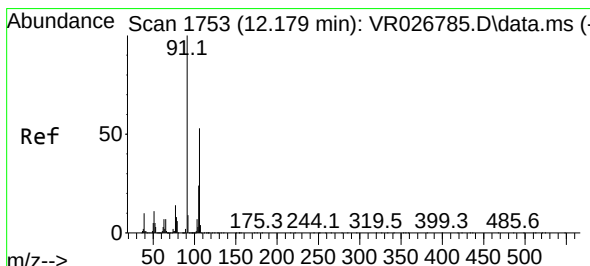
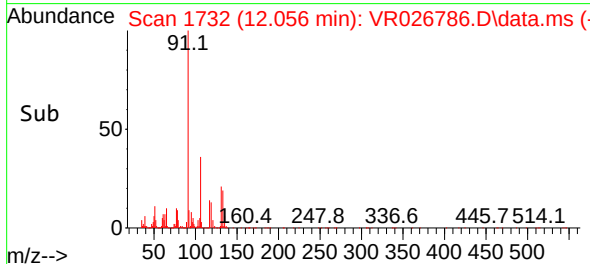
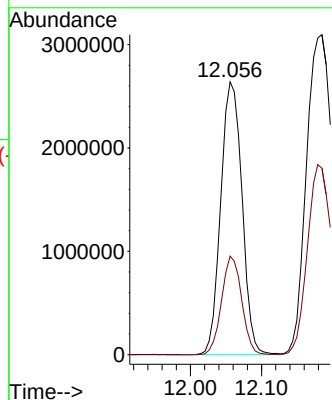
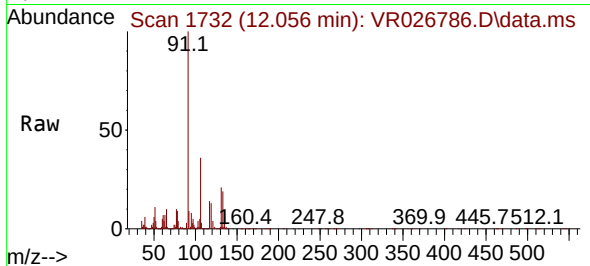
#67
Ethyl Benzene
Concen: 93.947 ug/l
RT: 12.056 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 548154
Ion Ratio Lower Upper
91 100
106 36.1 26.8 40.2

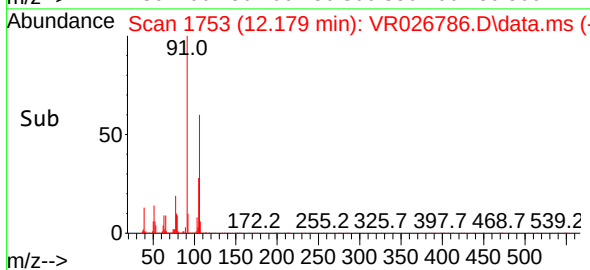
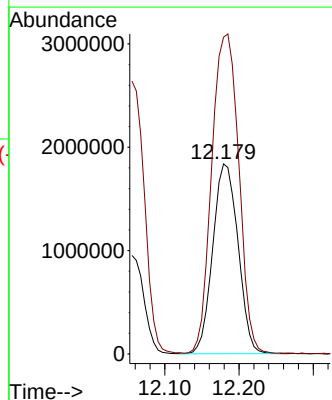
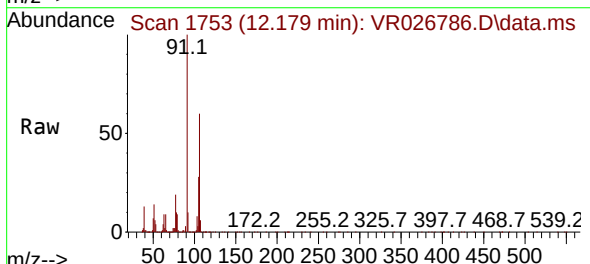
Manual Integrations
APPROVED

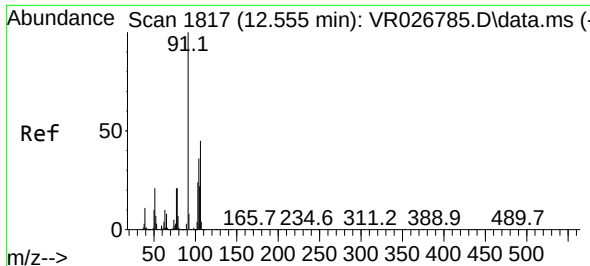
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#68
m/p-Xylenes
Concen: 189.671 ug/l
RT: 12.179 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

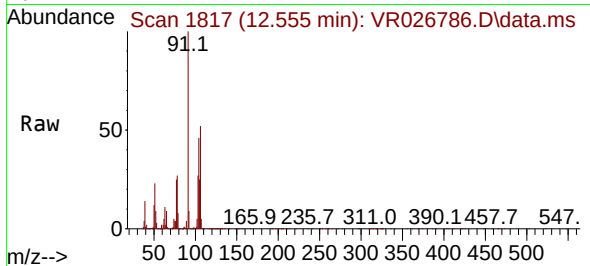
Tgt Ion:106 Resp: 4343320
Ion Ratio Lower Upper
106 100
91 180.5 153.7 230.5





#69
o-Xylene
Concen: 100.088 ug/l
RT: 12.555 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

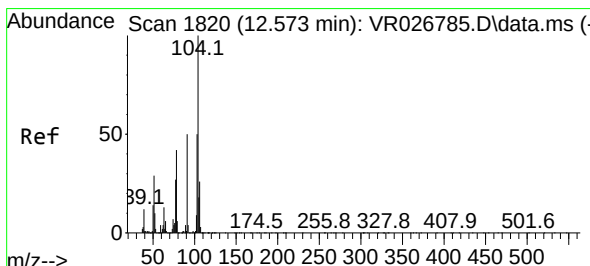
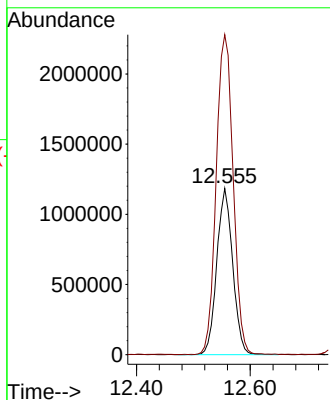
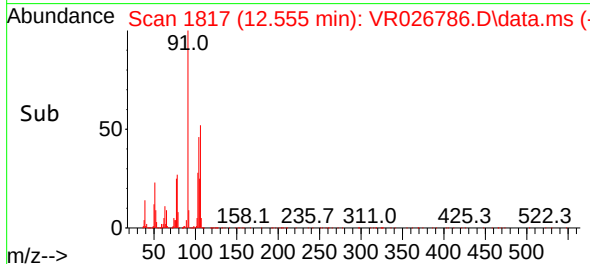
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100



Tgt Ion:106 Resp: 2296707
Ion Ratio Lower Upper
106 100
91 205.0 104.0 312.0

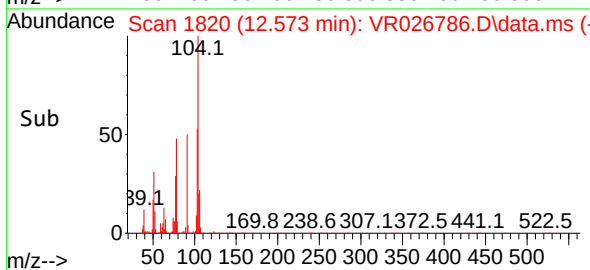
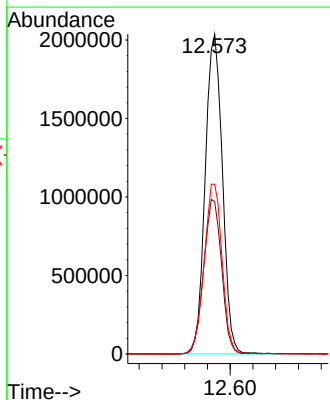
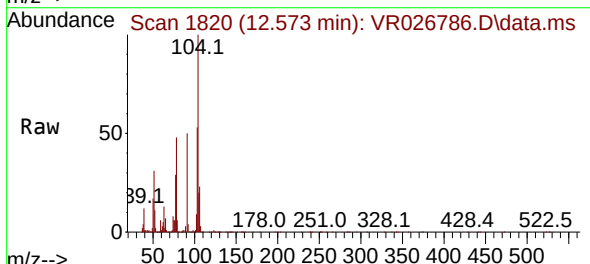
Manual Integrations
APPROVED

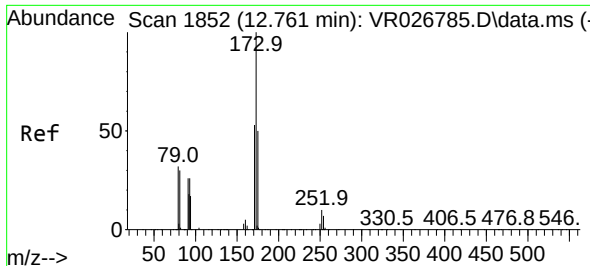
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#70
Styrene
Concen: 101.652 ug/l
RT: 12.573 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

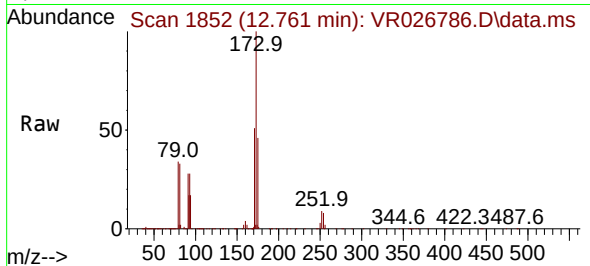
Tgt Ion:104 Resp: 4267276
Ion Ratio Lower Upper
104 100
78 50.3 38.0 57.0
103 55.4 43.2 64.8





#71
Bromoform
Concen: 119.027 ug/l
RT: 12.761 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

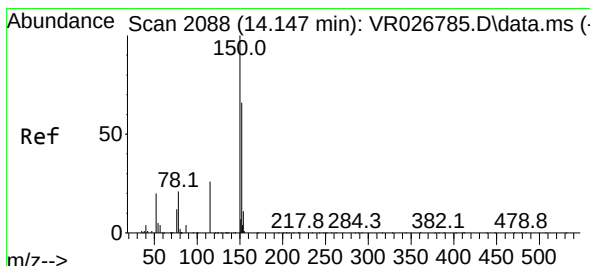
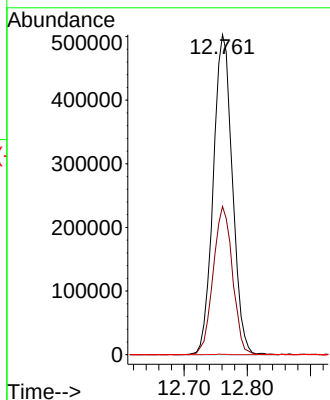
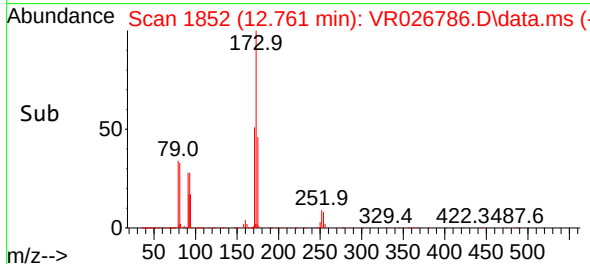
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100



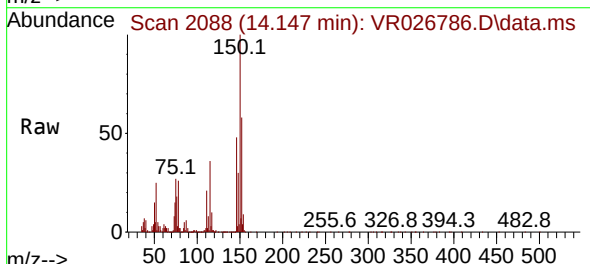
Tgt Ion:173 Resp: 1056419
Ion Ratio Lower Upper
173 100
175 46.8 24.0 72.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

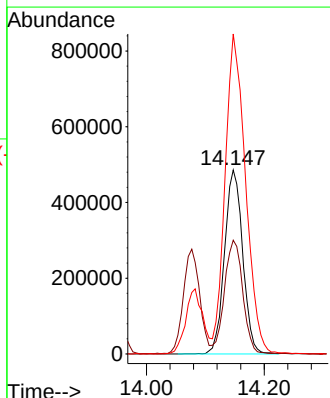
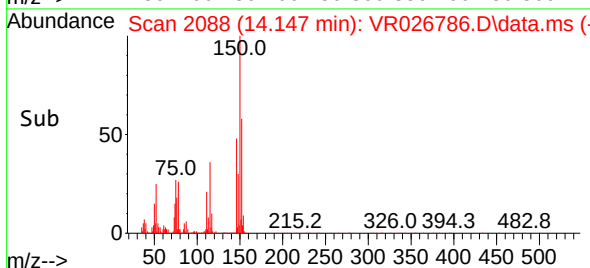
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

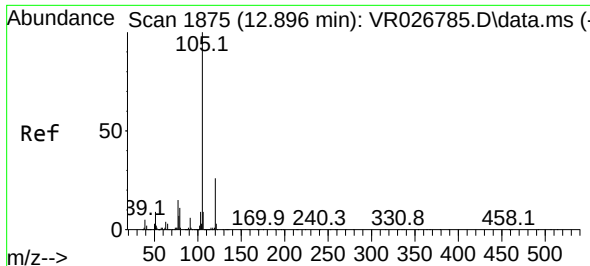


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.147 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25



Tgt Ion:152 Resp: 1042984
Ion Ratio Lower Upper
152 100
115 61.4 29.9 89.7
150 195.0 0.0 340.0





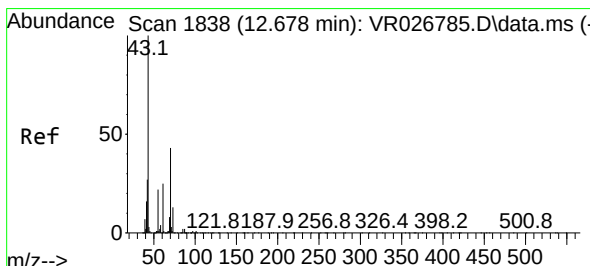
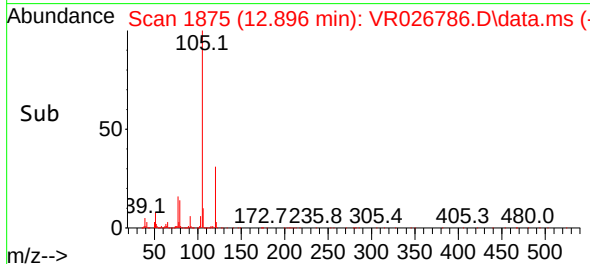
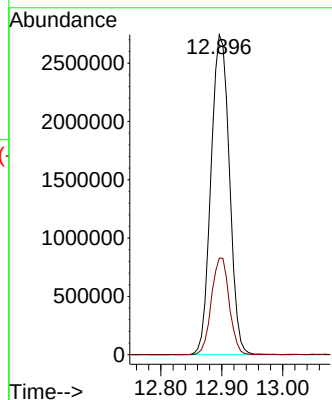
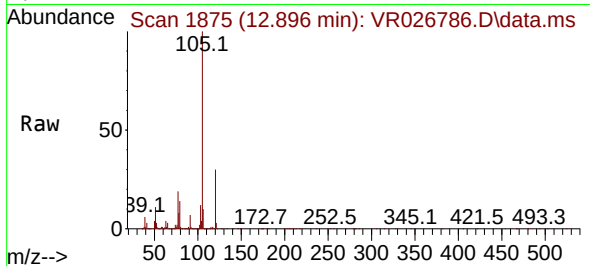
#73
Isopropylbenzene
Concen: 94.377 ug/l
RT: 12.896 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 5750379
Ion Ratio Lower Upper
105 100
120 29.3 13.6 40.8

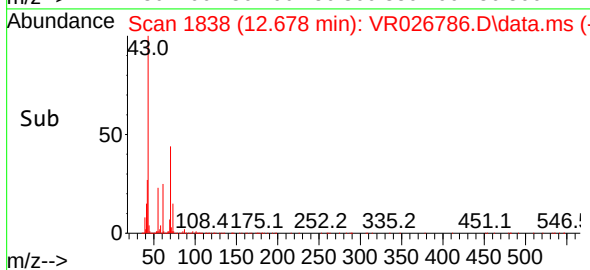
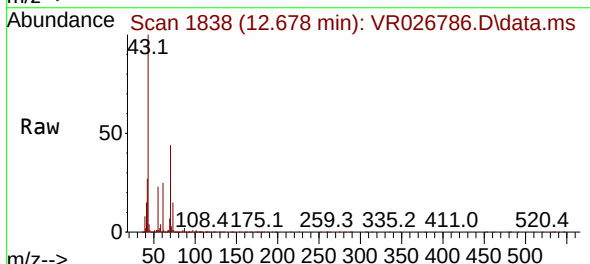
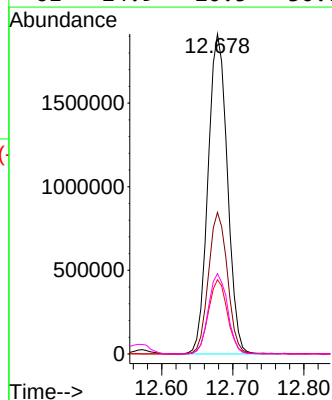
Manual Integrations
APPROVED

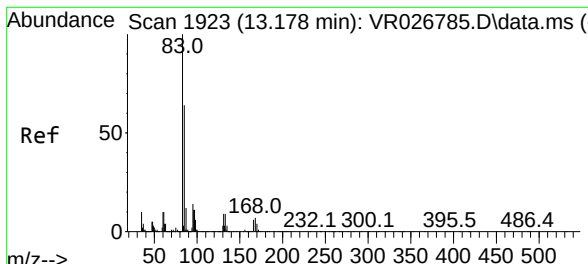
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#74
N-ethyl acetate
Concen: 106.429 ug/l
RT: 12.678 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Tgt Ion: 43 Resp: 3615146
Ion Ratio Lower Upper
43 100
70 43.5 35.2 52.8
55 22.9 17.8 26.6
61 24.9 20.5 30.7





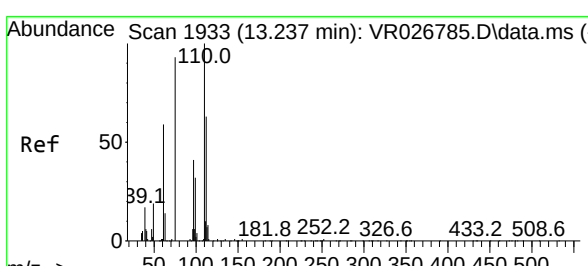
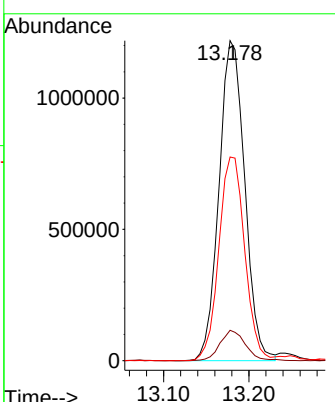
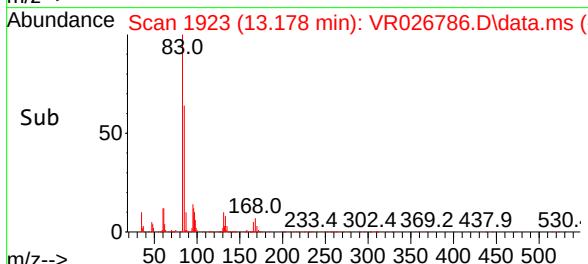
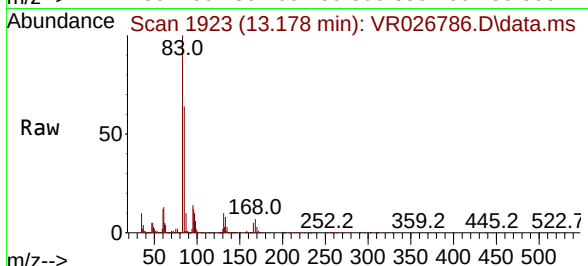
#75
 1,1,2,2-Tetrachloroethane
 Concen: 113.418 ug/l
 RT: 13.178 min Scan# 1923
 Delta R.T. 0.000 min
 Lab File: VR026786.D
 Acq: 22 Oct 2025 15:25

Instrument : MSVOA_R
 ClientSampleId : VSTDIC100

Tgt Ion: 83 Resp: 2555950

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.4	13.2
85	64.1	32.4	97.0

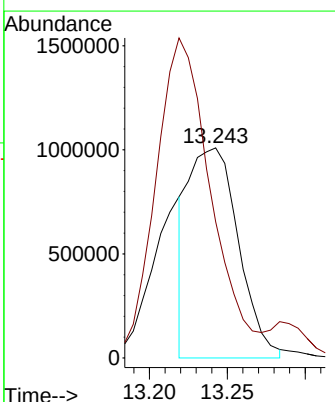
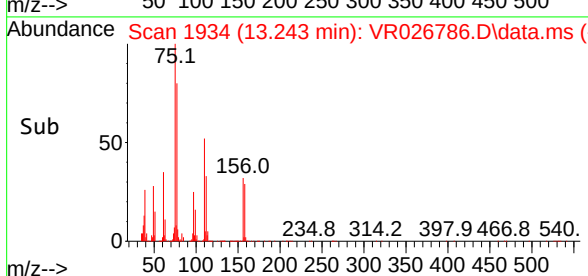
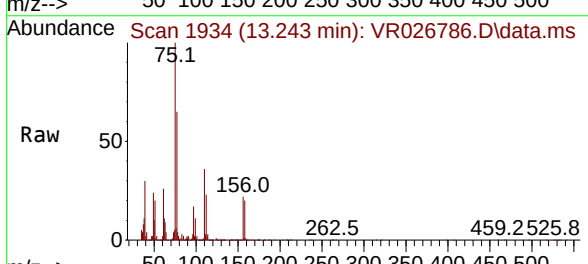
Manual Integrations
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 Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025

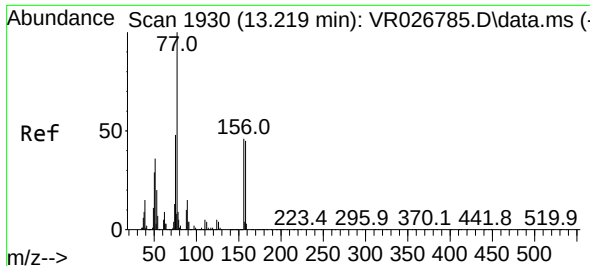


#76
 1,2,3-Trichloropropane
 Concen: 118.387 ug/l m
 RT: 13.243 min Scan# 1934
 Delta R.T. 0.006 min
 Lab File: VR026786.D
 Acq: 22 Oct 2025 15:25

Tgt Ion: 75 Resp: 2237052

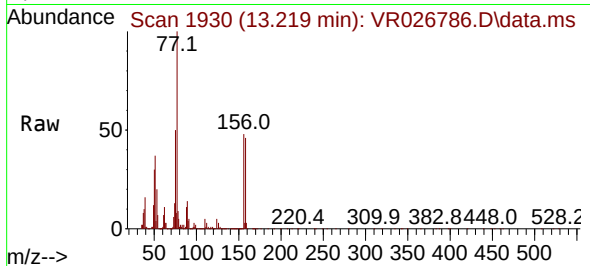
Ion	Ratio	Lower	Upper
75	100		
77	0.0	87.9	263.7#





#77
Bromobenzene
Concen: 105.452 ug/l
RT: 13.219 min Scan# 1930
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

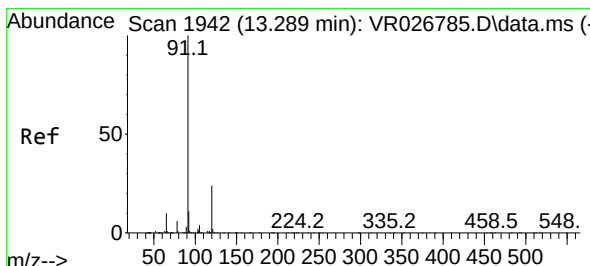
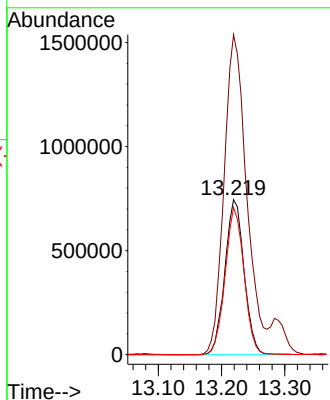
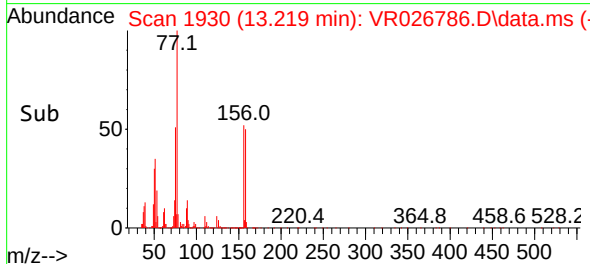
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100



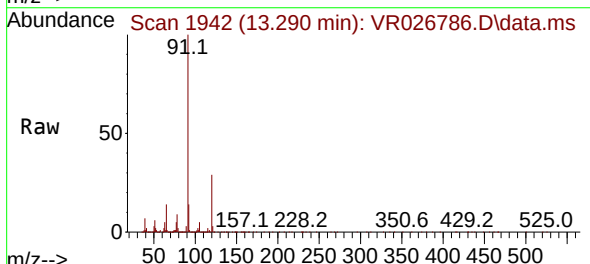
Tgt Ion:156 Resp: 1568730
Ion Ratio Lower Upper
156 100
77 242.1 120.5 361.5
158 93.6 49.6 148.8

Manual Integrations
APPROVED

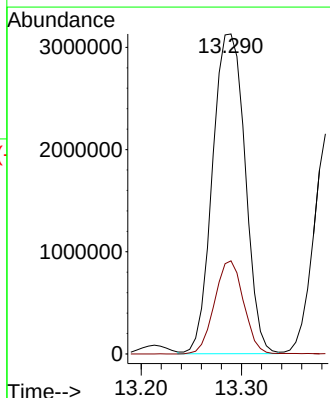
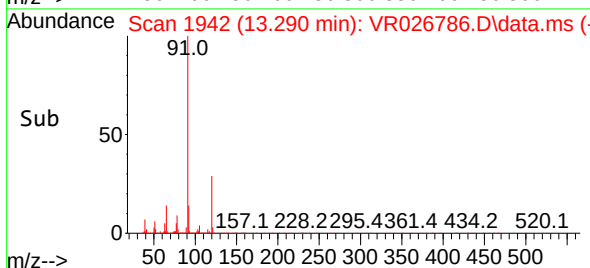
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

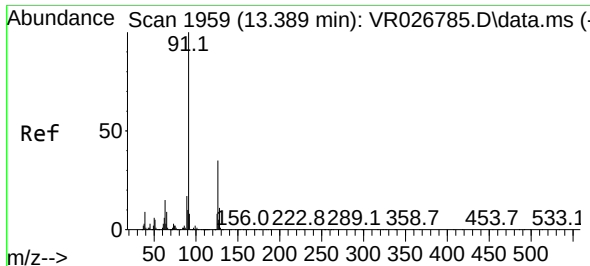


#78
n-propylbenzene
Concen: 93.803 ug/l
RT: 13.290 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25



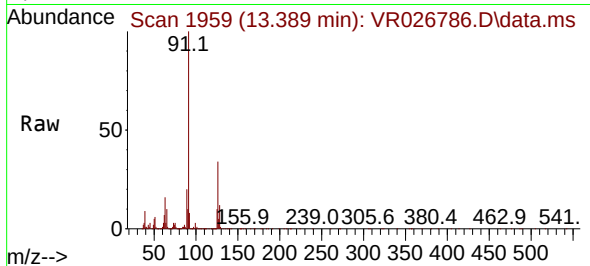
Tgt Ion: 91 Resp: 7053583
Ion Ratio Lower Upper
91 100
120 26.0 11.7 35.1





#79
2-Chlorotoluene
Concen: 105.992 ug/l
RT: 13.389 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

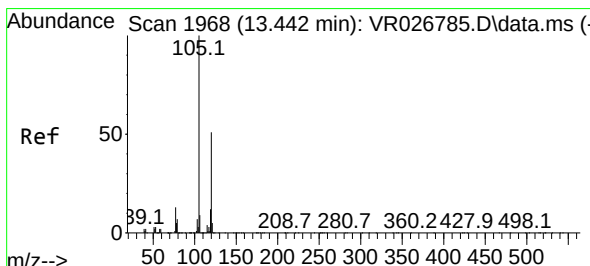
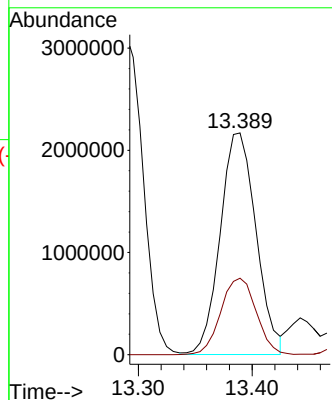
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 475655
Ion Ratio Lower Upper
91 100
126 34.0 17.2 51.5

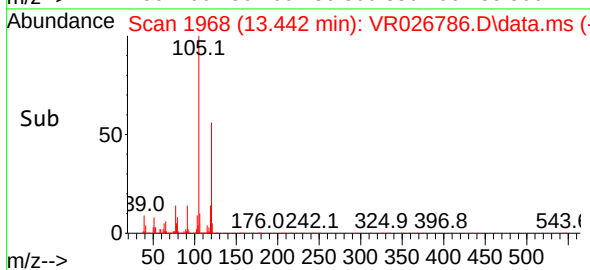
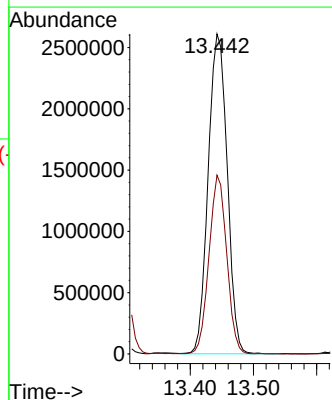
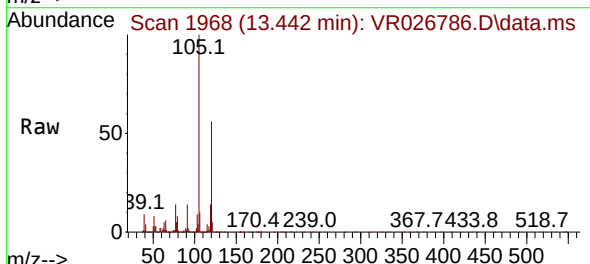
Manual Integrations
APPROVED

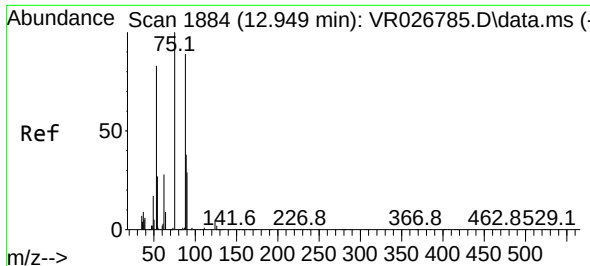
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 102.096 ug/l
RT: 13.442 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

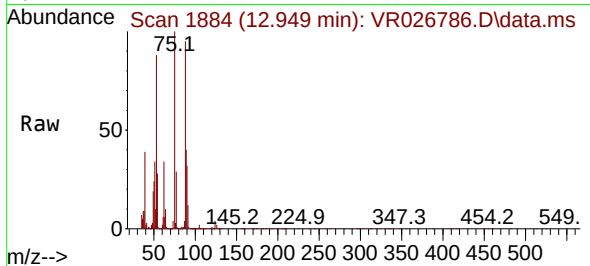
Tgt Ion:105 Resp: 5460380
Ion Ratio Lower Upper
105 100
120 52.0 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 115.630 ug/l
RT: 12.949 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

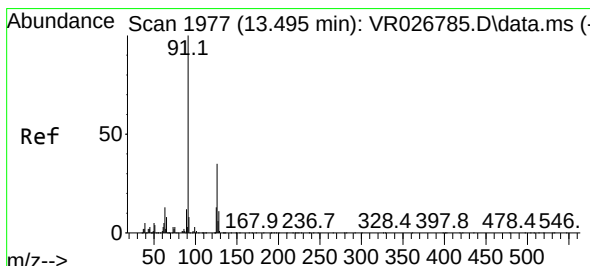
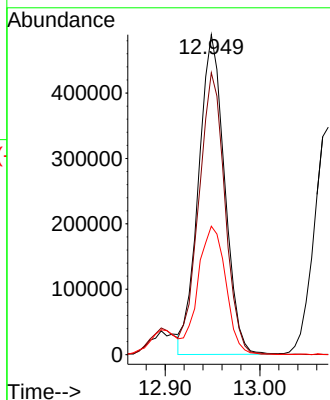
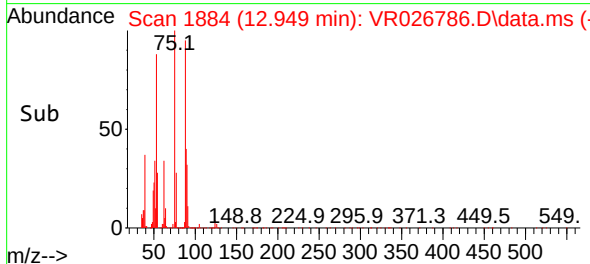
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 935015
Ion Ratio Lower Upper
75 100
53 88.3 72.6 109.0
89 43.0 36.2 54.2

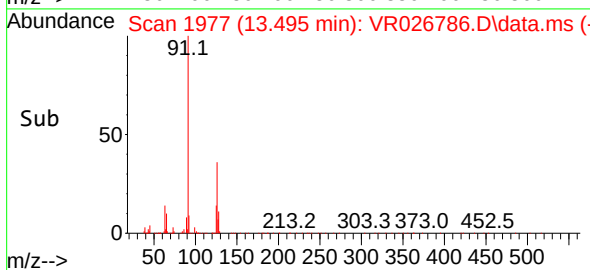
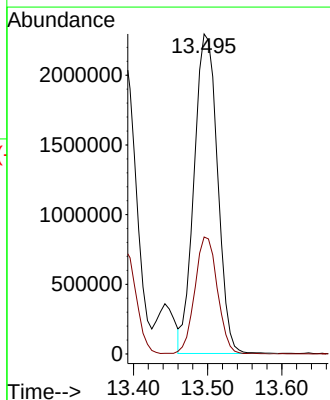
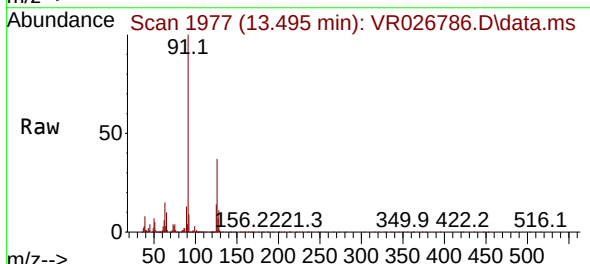
Manual Integrations
APPROVED

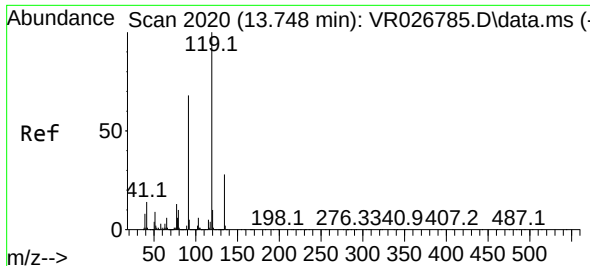
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#82
4-Chlorotoluene
Concen: 106.842 ug/l
RT: 13.495 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

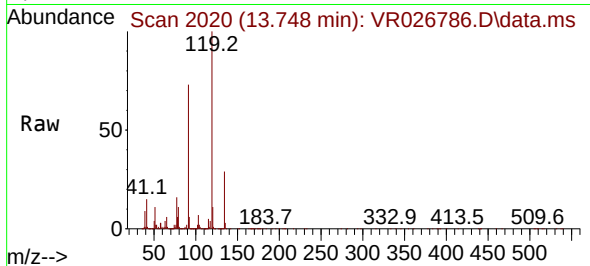
Tgt Ion: 91 Resp: 5032791
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.5





#83
tert-Butylbenzene
Concen: 102.650 ug/l
RT: 13.748 min Scan# 2020
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

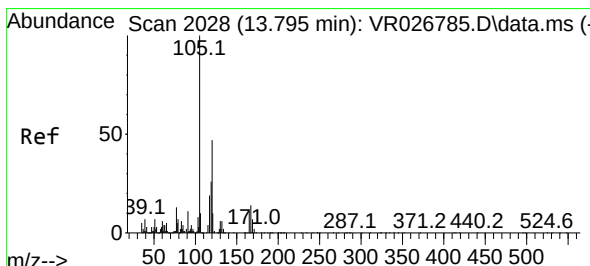
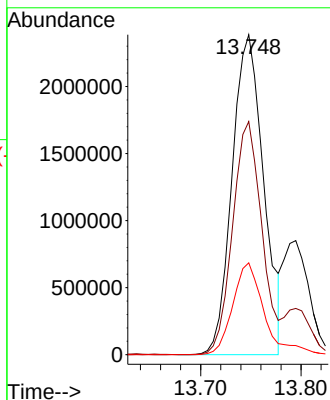
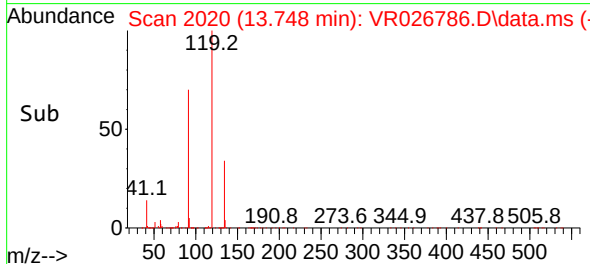
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100



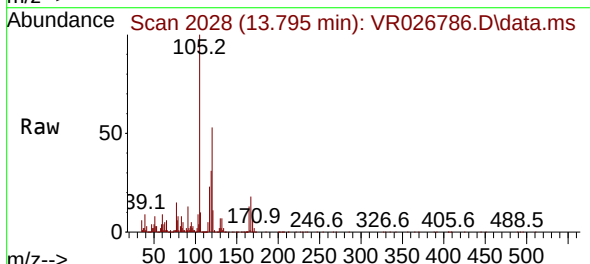
Tgt Ion:119 Resp: 5208704
Ion Ratio Lower Upper
119 100
91 67.4 32.0 96.0
134 28.6 13.9 41.6

Manual Integrations
APPROVED

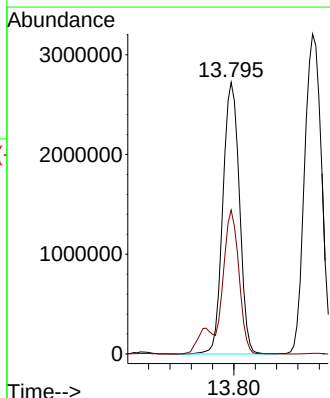
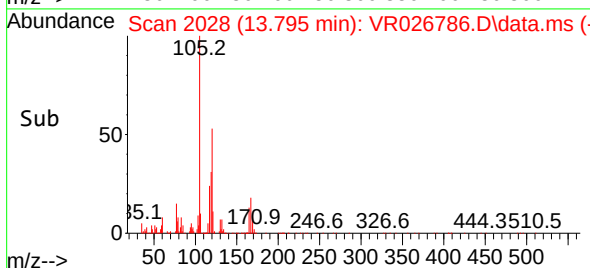
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

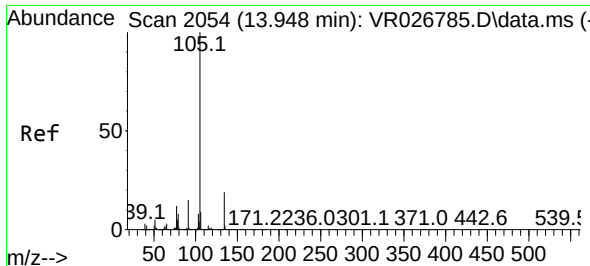


#84
1,2,4-Trimethylbenzene
Concen: 100.989 ug/l
RT: 13.795 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25



Tgt Ion:105 Resp: 5864359
Ion Ratio Lower Upper
105 100
120 48.9 23.6 71.0





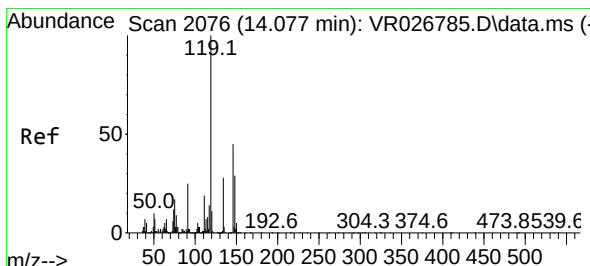
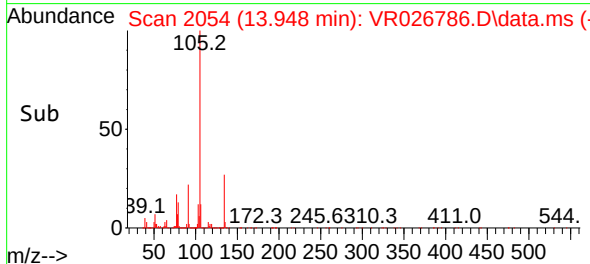
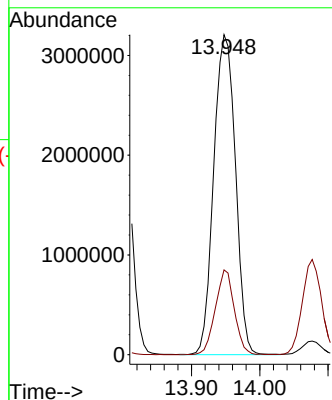
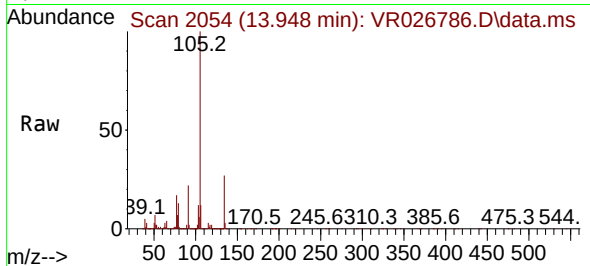
#85
 sec-Butylbenzene
 Concen: 97.235 ug/l
 RT: 13.948 min Scan# 2054
 Delta R.T. 0.000 min
 Lab File: VR026786.D
 Acq: 22 Oct 2025 15:25

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICC100

Tgt Ion:105 Resp: 710801
 Ion Ratio Lower Upper
 105 100
 134 23.1 10.1 30.3

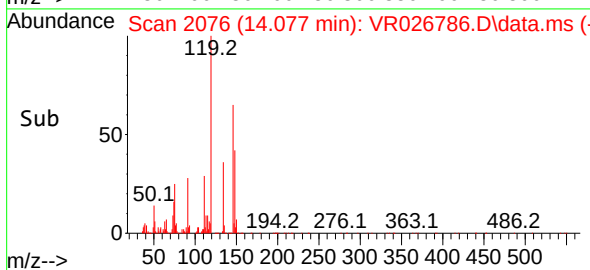
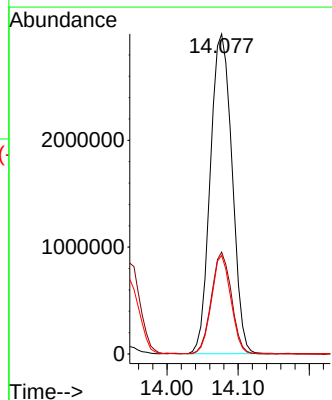
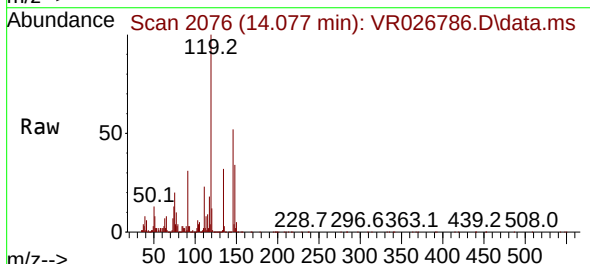
Manual Integrations
 APPROVED

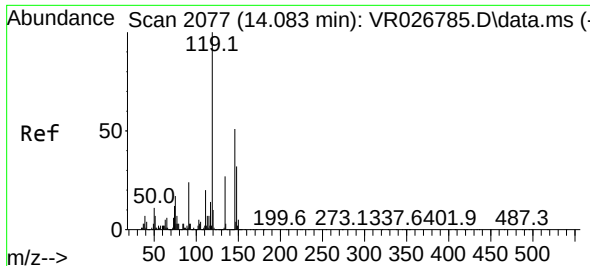
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#86
 p-Isopropyltoluene
 Concen: 100.044 ug/l
 RT: 14.077 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: VR026786.D
 Acq: 22 Oct 2025 15:25

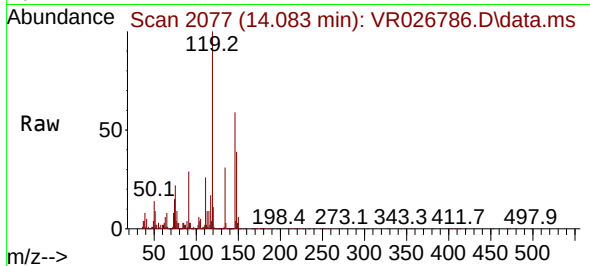
Tgt Ion:119 Resp: 6344727
 Ion Ratio Lower Upper
 119 100
 134 29.4 13.8 41.3
 91 27.4 12.2 36.4





#87
1,3-Dichlorobenzene
Concen: 102.511 ug/l
RT: 14.083 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

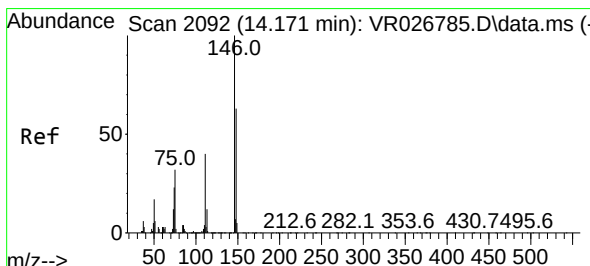
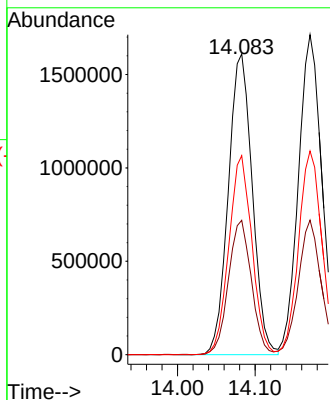
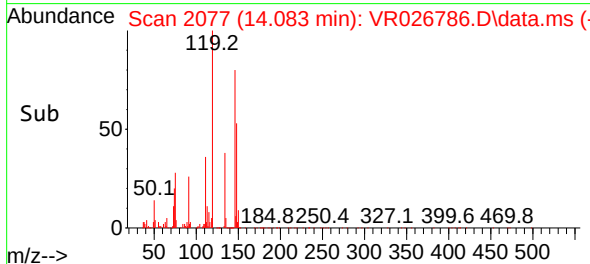
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100



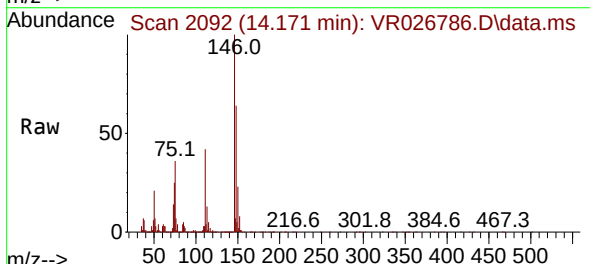
Tgt Ion:146 Resp: 346890
Ion Ratio Lower Upper
146 100
111 42.7 20.3 60.8
148 63.8 31.4 94.2

Manual Integrations
APPROVED

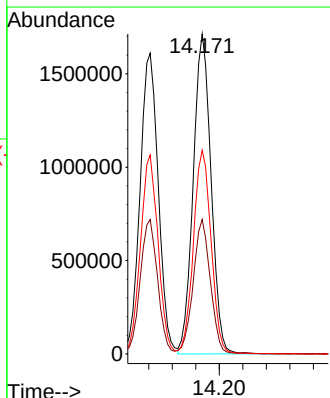
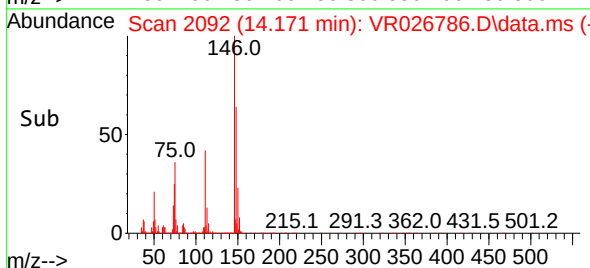
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

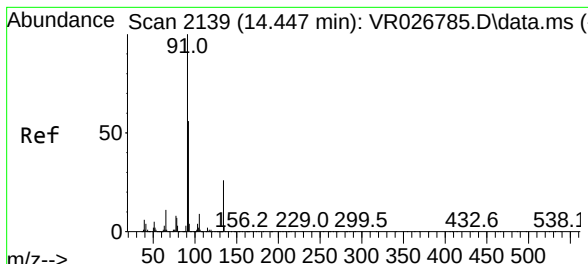


#88
1,4-Dichlorobenzene
Concen: 102.470 ug/l
RT: 14.171 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25



Tgt Ion:146 Resp: 3599118
Ion Ratio Lower Upper
146 100
111 40.1 19.3 57.9
148 63.2 31.5 94.5





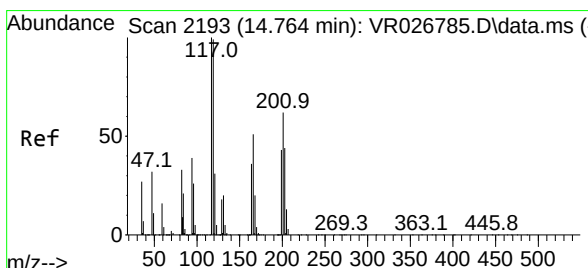
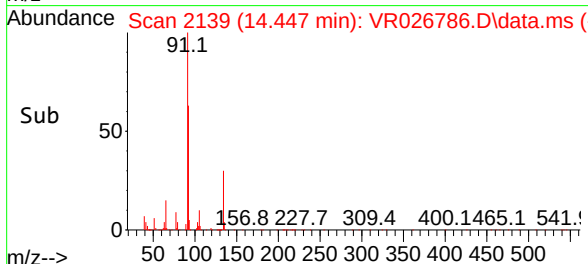
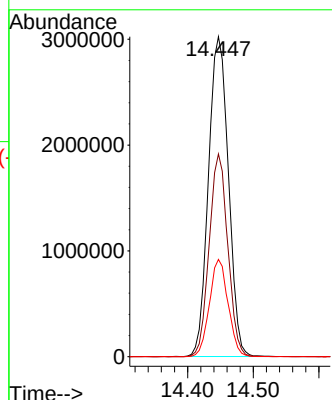
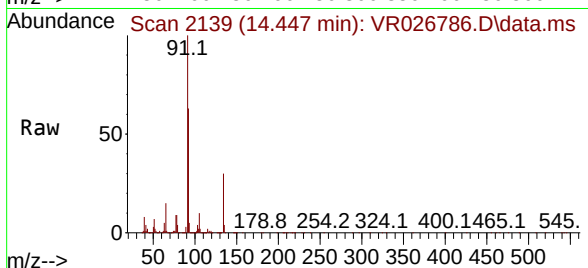
#89
n-Butylbenzene
Concen: 102.908 ug/l
RT: 14.447 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Instrument : MSVOA_R
ClientSampleId : VSTDICC100

Tgt Ion: 91 Resp: 638584
Ion Ratio Lower Upper
91 100
92 59.2 27.3 81.9
134 28.5 13.1 39.1

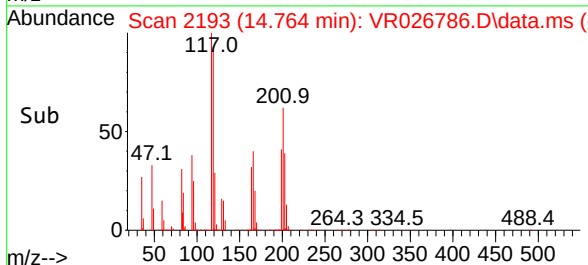
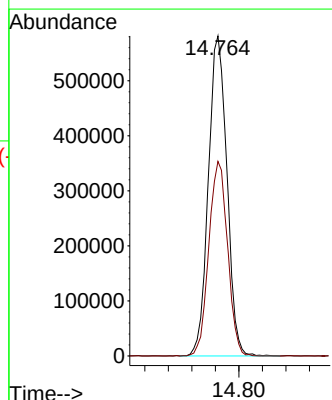
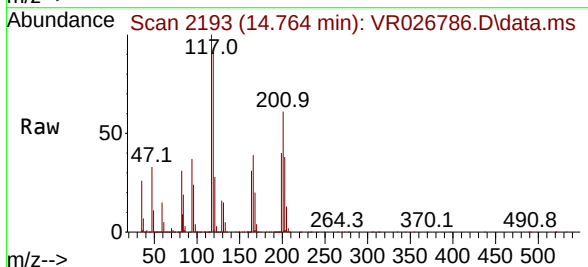
Manual Integrations
APPROVED

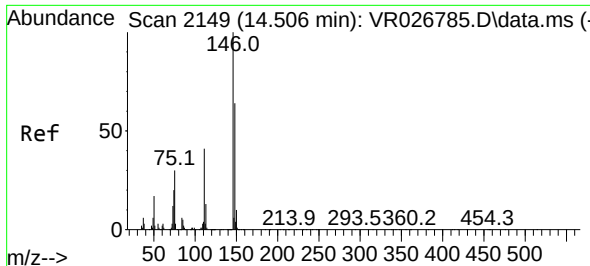
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#90
Hexachloroethane
Concen: 123.948 ug/l
RT: 14.764 min Scan# 2193
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Tgt Ion:117 Resp: 1272652
Ion Ratio Lower Upper
117 100
201 61.5 31.6 94.7





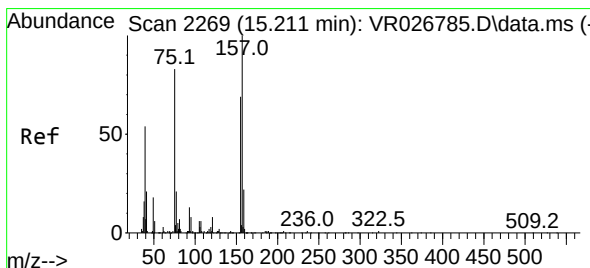
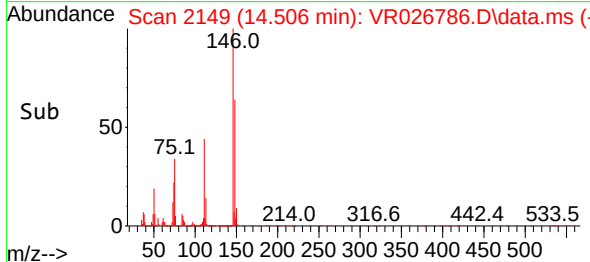
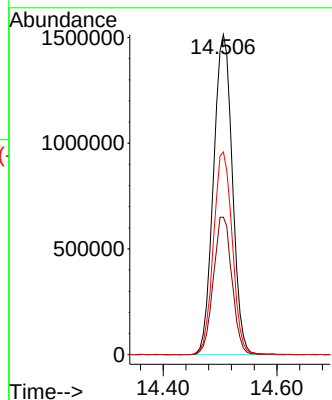
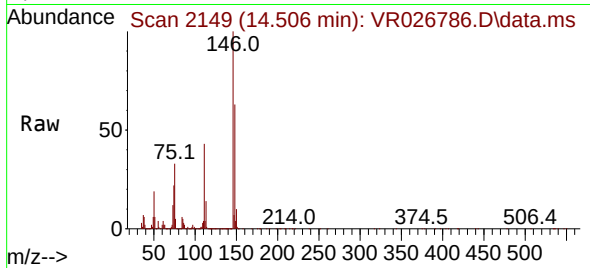
#91
1,2-Dichlorobenzene
Concen: 100.428 ug/l
RT: 14.506 min Scan# 2149
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 3483540
Ion Ratio Lower Upper
146 100
111 42.3 20.3 60.9
148 63.0 32.1 96.3

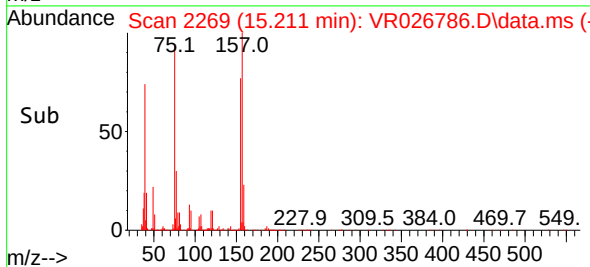
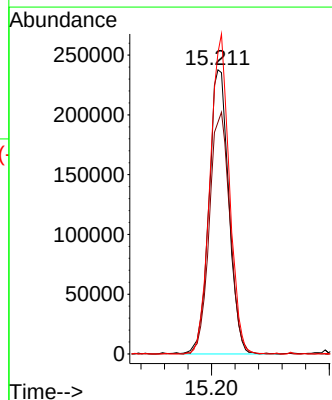
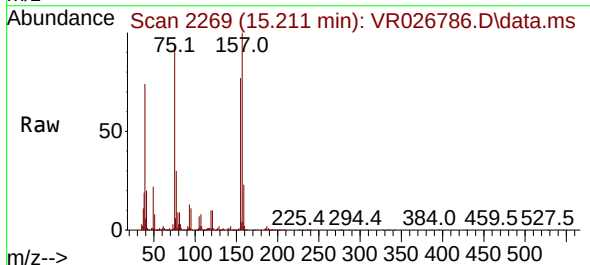
Manual Integrations
APPROVED

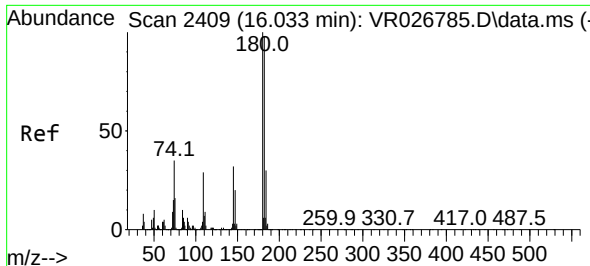
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 107.364 ug/l
RT: 15.211 min Scan# 2269
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

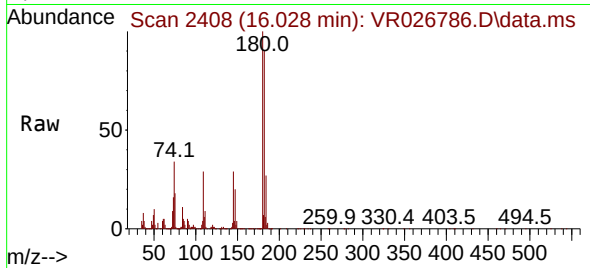
Tgt Ion: 75 Resp: 556286
Ion Ratio Lower Upper
75 100
155 87.7 45.4 136.1
157 109.5 59.1 177.2





#93
1,2,4-Trichlorobenzene
Concen: 110.248 ug/l
RT: 16.028 min Scan# 2409
Delta R.T. -0.006 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

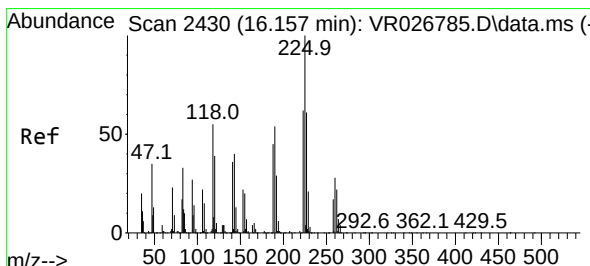
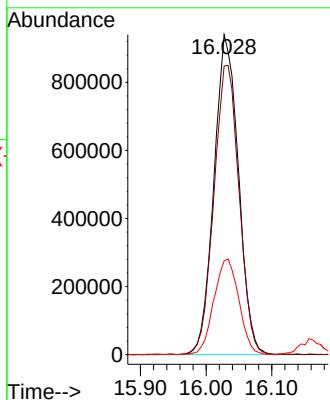
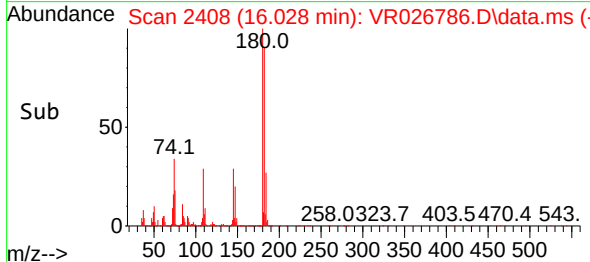
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100



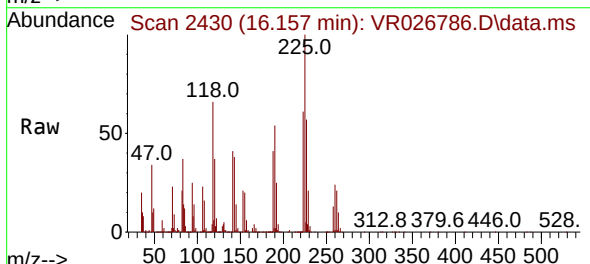
Tgt Ion:180 Resp: 242414
Ion Ratio Lower Upper
180 100
182 93.3 46.8 140.3
145 30.6 15.8 47.3

Manual Integrations
APPROVED

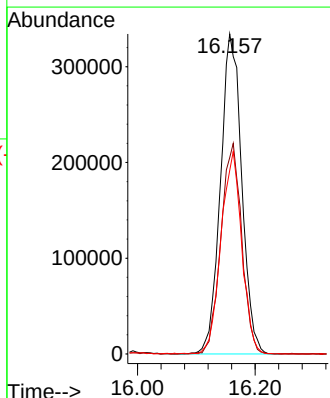
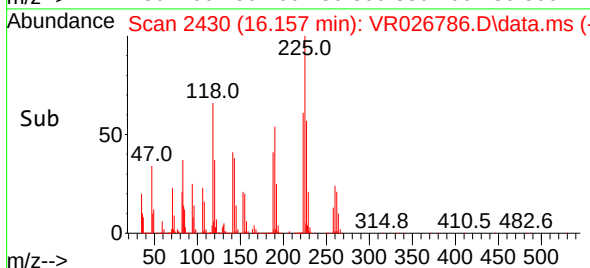
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

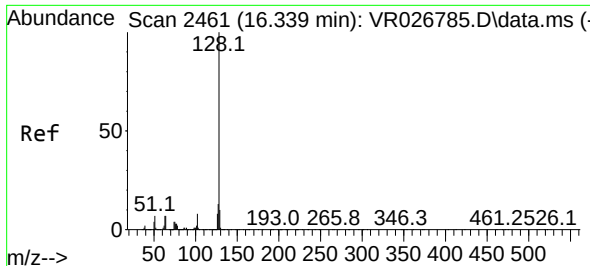


#94
Hexachlorobutadiene
Concen: 107.316 ug/l
RT: 16.157 min Scan# 2430
Delta R.T. 0.000 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25



Tgt Ion:225 Resp: 838630
Ion Ratio Lower Upper
225 100
223 64.5 32.3 96.8
227 61.8 33.1 99.3





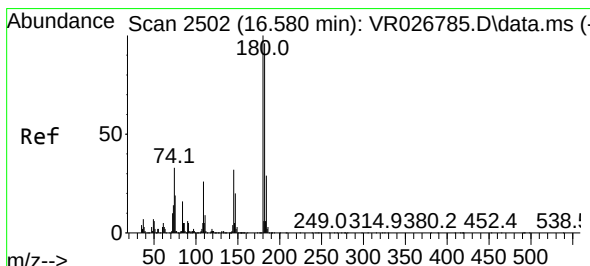
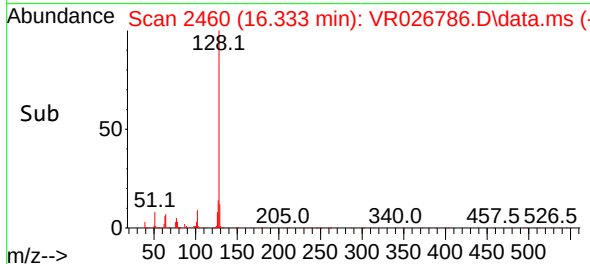
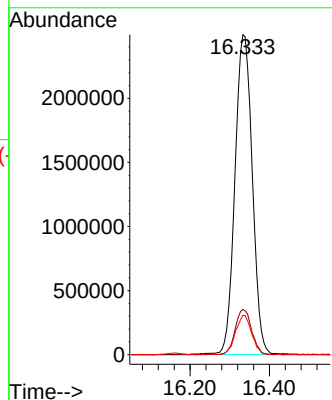
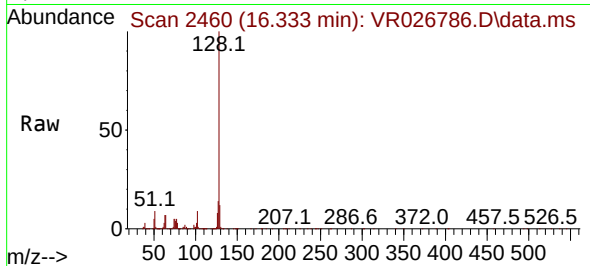
#95
Naphthalene
Concen: 109.812 ug/l
RT: 16.333 min Scan# 2461
Delta R.T. -0.006 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 757181
Ion Ratio Lower Upper
128 100
127 13.5 10.1 15.1
129 11.4 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: 108.397 ug/l
RT: 16.574 min Scan# 2501
Delta R.T. -0.006 min
Lab File: VR026786.D
Acq: 22 Oct 2025 15:25

Tgt Ion:180 Resp: 2347846
Ion Ratio Lower Upper
180 100
182 94.7 46.2 138.5
145 33.8 16.4 49.4

