

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR102225\
 Data File : VR026788.D
 Acq On : 22 Oct 2025 16:32
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ICVVR102225

Manual Integrations
 APPROVED

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

Quant Time: Oct 24 09:29:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R102225W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 24 09:26:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.814	168	861028	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.789	114	1627598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.938	117	1541223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.147	152	962524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.190	65	326282	48.568	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	97.140%	
35) Dibromofluoromethane	7.743	113	328026	49.029	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.060%	
50) Toluene-d8	10.452	98	869214	46.570	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.140%	
62) 4-Bromofluorobenzene	13.066	95	561928	45.723	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.440%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.997	85	292394	45.375	ug/l	96
3) Chloromethane	2.202	50	398005	49.070	ug/l	99
4) Vinyl Chloride	2.338	62	479645	49.150	ug/l	97
5) Bromomethane	2.684	94	274366	43.930	ug/l	91
6) Chloroethane	2.813	64	356665	50.875	ug/l #	88
7) Trichlorofluoromethane	3.160	101	624380	47.042	ug/l	93
8) Diethyl Ether	3.583	74	324698	50.523	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.924	101	414635	49.567	ug/l	96
10) Methyl Iodide	4.118	142	504929	52.847	ug/l	100
11) Tert butyl alcohol	4.987	59	821928	249.199	ug/l	100
12) 1,1-Dichloroethene	3.895	96	411494	49.334	ug/l	90
13) Acrolein	3.765	56	478047	219.323	ug/l	98
14) Allyl chloride	4.488	41	906497	51.954	ug/l	100
15) Acrylonitrile	5.158	53	1852130	254.180	ug/l	99
16) Acetone	3.989	43	1930465	239.145	ug/l	98
17) Carbon Disulfide	4.218	76	729973	48.134	ug/l	96
18) Methyl Acetate	4.500	43	1224940	52.970	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	1769728	49.882	ug/l	99
20) Methylene Chloride	4.717	84	506421	48.465	ug/l	97
21) trans-1,2-Dichloroethene	5.211	96	407481	48.031	ug/l	98
22) Diisopropyl ether	6.121	45	1881060	50.429	ug/l	97
23) Vinyl Acetate	6.045	43	5948139	242.220	ug/l	99
24) 1,1-Dichloroethane	5.998	63	944054	49.741	ug/l	98
25) 2-Butanone	6.985	43	2707806	229.220	ug/l	99
26) 2,2-Dichloropropane	6.973	77	796362	49.114	ug/l	99
27) cis-1,2-Dichloroethene	6.973	96	589300	49.711	ug/l	96
28) Bromochloromethane	7.338	49	461782	53.848	ug/l	98
29) Tetrahydrofuran	7.373	42	1588316	243.599	ug/l	100
30) Chloroform	7.514	83	940081	51.145	ug/l	98
31) Cyclohexane	7.825	56	729474	45.963	ug/l	98
32) 1,1,1-Trichloroethane	7.725	97	754930	49.632	ug/l	97
36) 1,1-Dichloropropene	7.955	75	610124	47.475	ug/l	98
37) Ethyl Acetate	7.079	43	884365	46.972	ug/l	99
38) Carbon Tetrachloride	7.949	117	597480	49.855	ug/l	98
39) Methylcyclohexane	9.341	83	764368	47.297	ug/l	99
40) Benzene	8.219	78	2072157	48.134	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.308	41	497331	44.814	ug/l	94
42) 1,2-Dichloroethane	8.295	62	675813	47.911	ug/l	98
43) Isopropyl Acetate	8.337	43	1515751	48.077	ug/l	94
44) Trichloroethene	9.065	130	483987	47.106	ug/l	97
45) 1,2-Dichloropropane	9.365	63	537788	47.837	ug/l	91
46) Dibromomethane	9.465	93	357418	47.902	ug/l	97
47) Bromodichloromethane	9.676	83	760695	49.003	ug/l	99
48) Methyl methacrylate	9.453	41	724674	48.915	ug/l	99
49) 1,4-Dioxane	9.459	88	323936	993.604	ug/l	98
51) 4-Methyl-2-Pentanone	10.322	43	4952831	239.592	ug/l	100
52) Toluene	10.522	92	1382023	47.653	ug/l	98
53) t-1,3-Dichloropropene	10.769	75	866136	48.898	ug/l	99
54) cis-1,3-Dichloropropene	10.164	75	878421	47.670	ug/l	98
55) 1,1,2-Trichloroethane	10.969	97	566163	48.323	ug/l	97
56) Ethyl methacrylate	10.822	69	1036072	47.764	ug/l	100
57) 1,3-Dichloropropane	11.139	76	954683	48.581	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.999	63	278648	238.239	ug/l	97
59) 2-Hexanone	11.186	43	4206384	232.682	ug/l	99
60) Dibromochloromethane	11.362	129	592245	49.440	ug/l	97
61) 1,2-Dibromoethane	11.480	107	539863	46.320	ug/l	99
64) Tetrachloroethene	11.063	164	394713	48.764	ug/l	96
65) Chlorobenzene	11.968	112	1651309	48.152	ug/l	96
66) 1,1,1,2-Tetrachloroethane	12.050	131	505538	47.803	ug/l	97
67) Ethyl Benzene	12.056	91	2799806	48.782	ug/l	97
68) m/p-Xylenes	12.185	106	2188060	97.138	ug/l	98
69) o-Xylene	12.555	106	1121344	49.678	ug/l	98
70) Styrene	12.573	104	2033208	49.238	ug/l	100
71) Bromoform	12.761	173	421762	48.309	ug/l #	98
73) Isopropylbenzene	12.896	105	2835042	50.419	ug/l	99
74) N-amyl acetate	12.673	43	1539368	49.107	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.178	83	1079560	51.909	ug/l	97
76) 1,2,3-Trichloropropane	13.237	75	868640m	49.887	ug/l	
77) Bromobenzene	13.219	156	695253	50.643	ug/l	97
78) n-propylbenzene	13.284	91	3537326	50.974	ug/l	100
79) 2-Chlorotoluene	13.384	91	2102258	50.761	ug/l	99
80) 1,3,5-Trimethylbenzene	13.442	105	2541706	51.496	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.949	75	382023	51.193	ug/l	96
82) 4-Chlorotoluene	13.495	91	2226043	51.207	ug/l	99
83) tert-Butylbenzene	13.742	119	2284366	48.782	ug/l	97
84) 1,2,4-Trimethylbenzene	13.795	105	2729443	50.932	ug/l	99
85) sec-Butylbenzene	13.948	105	3490527	51.741	ug/l	100
86) p-Isopropyltoluene	14.071	119	3037478	51.899	ug/l	99
87) 1,3-Dichlorobenzene	14.077	146	1541238	49.353	ug/l	98
88) 1,4-Dichlorobenzene	14.171	146	1616208	49.861	ug/l	98
89) n-Butylbenzene	14.447	91	3064677	53.516	ug/l	100
90) Hexachloroethane	14.759	117	495371	52.279	ug/l	97
91) 1,2-Dichlorobenzene	14.500	146	1629341	50.899	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	15.217	75	250873	52.466	ug/l	99
93) 1,2,4-Trichlorobenzene	16.028	180	1119130	55.152	ug/l	98
94) Hexachlorobutadiene	16.157	225	382486	53.037	ug/l	99
95) Naphthalene	16.333	128	3658736	57.497	ug/l	99
96) 1,2,3-Trichlorobenzene	16.568	180	1075179	53.789	ug/l	96

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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

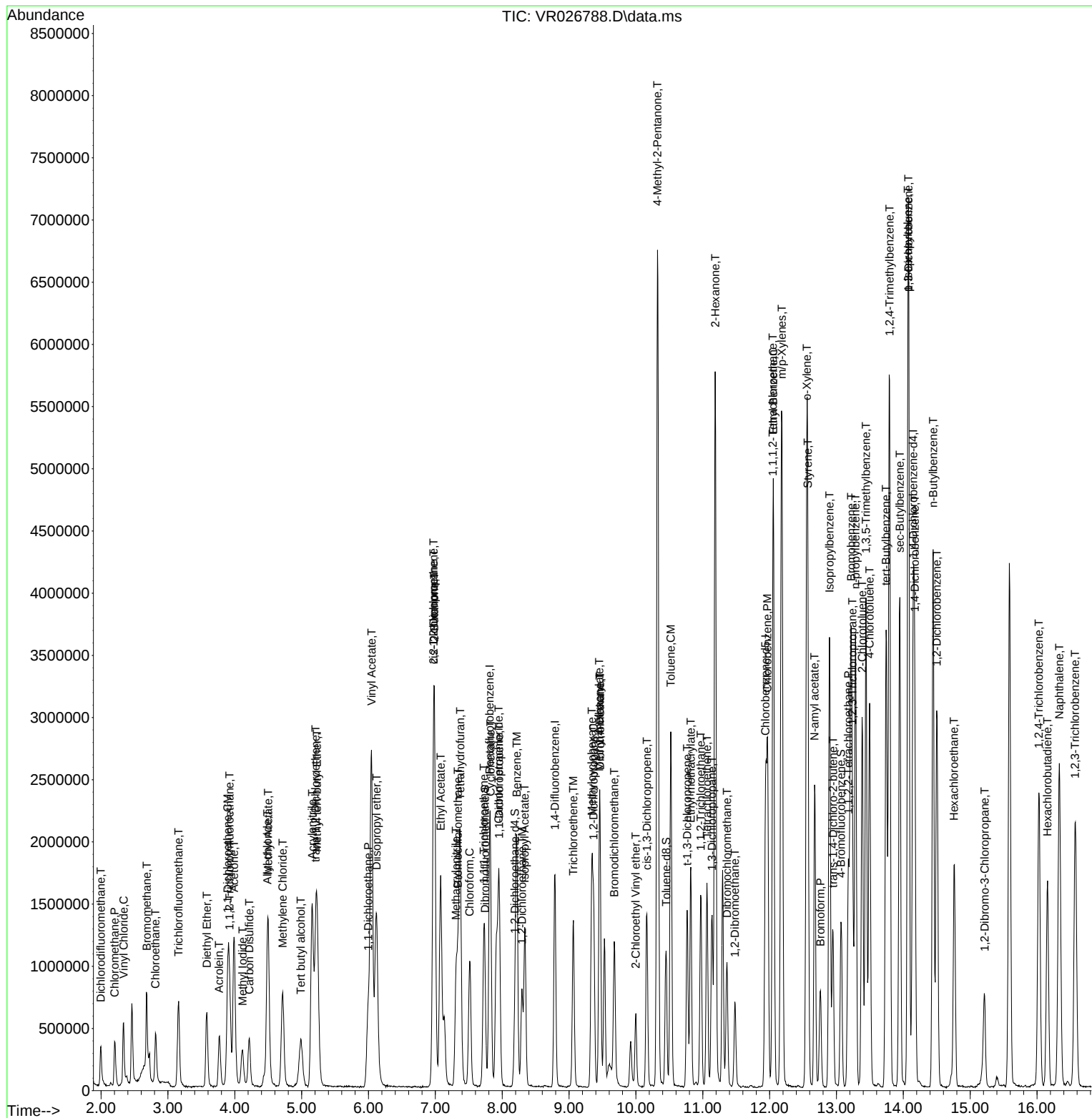
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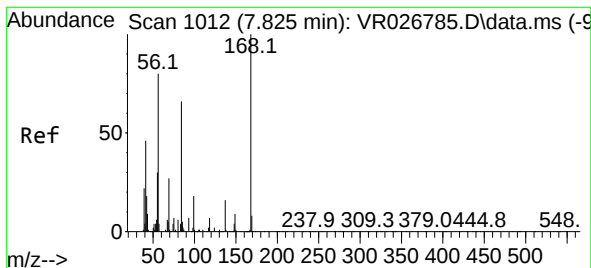
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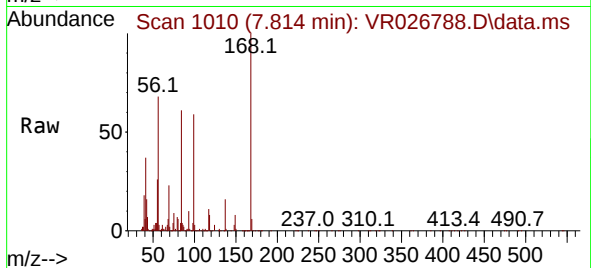
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.814 min Scan# 10
Delta R.T. -0.011 min
Lab File: VR026788.D
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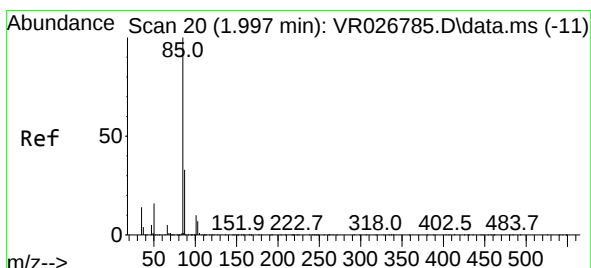
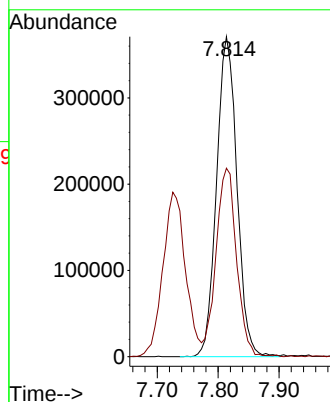
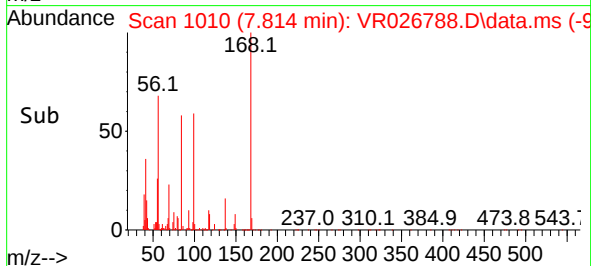
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Tgt Ion:168 Resp: 861028
Ion Ratio Lower Upper
168 100
99 58.8 41.0 61.6

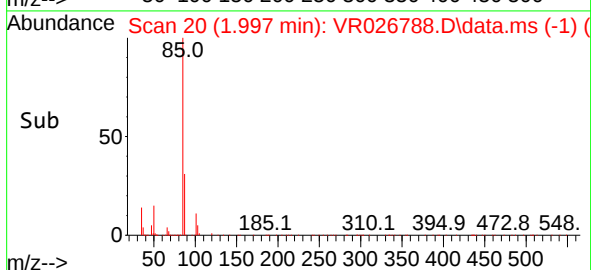
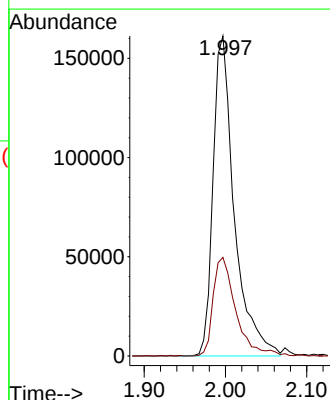
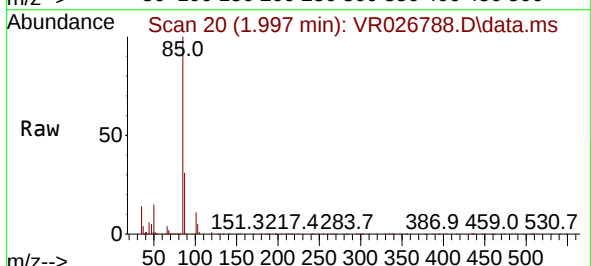
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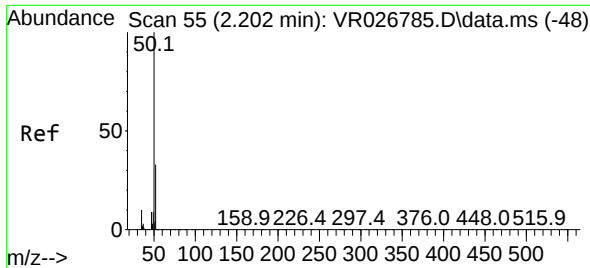
Reviewed By :John Carlone 10/24/2025
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#2
Dichlorodifluoromethane
Concen: 45.375 ug/l
RT: 1.997 min Scan# 20
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

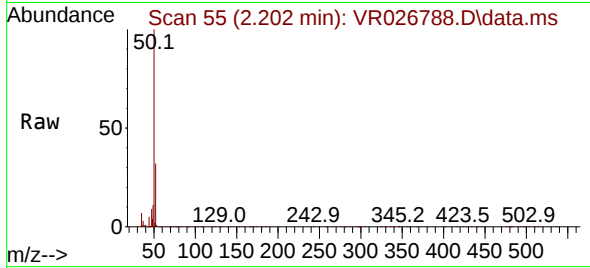
Tgt Ion: 85 Resp: 292394
Ion Ratio Lower Upper
85 100
87 30.6 16.3 48.9





#3
Chloromethane
Concen: 49.070 ug/l
RT: 2.202 min Scan# 50
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

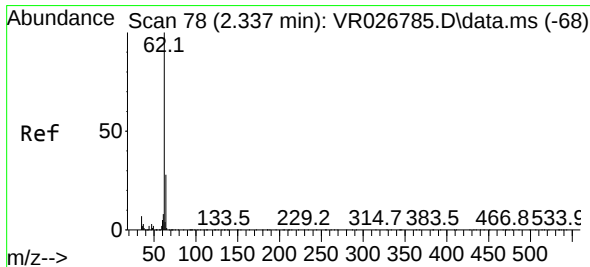
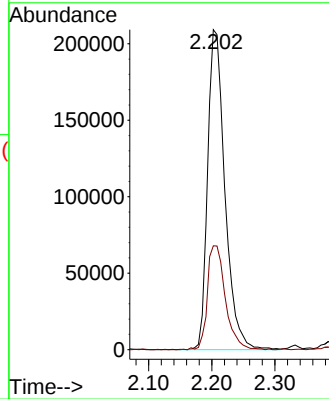
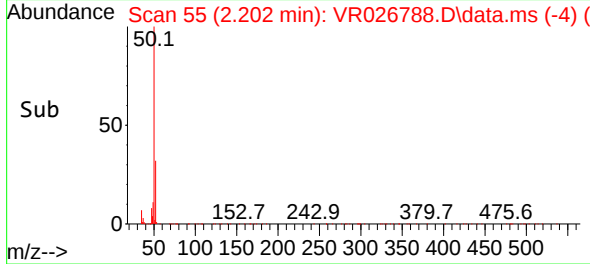
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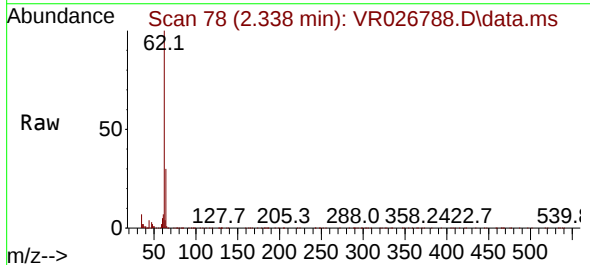
Tgt Ion: 50 Resp: 39800
Ion Ratio Lower Upper
50 100
52 32.3 26.2 39.2

Manual Integrations
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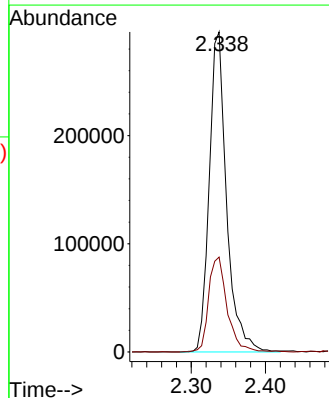
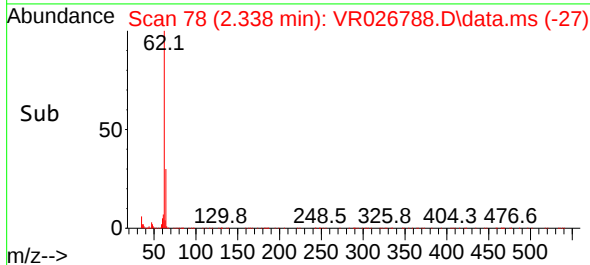
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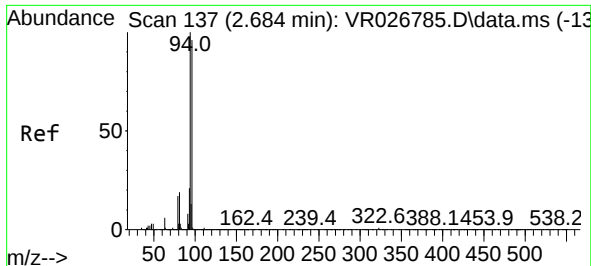


#4
Vinyl Chloride
Concen: 49.150 ug/l
RT: 2.338 min Scan# 78
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32



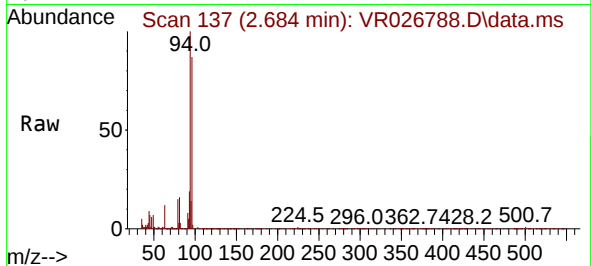
Tgt Ion: 62 Resp: 479645
Ion Ratio Lower Upper
62 100
64 29.7 22.6 33.8





#5
Bromomethane
Concen: 43.930 ug/l
RT: 2.684 min Scan# 11
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

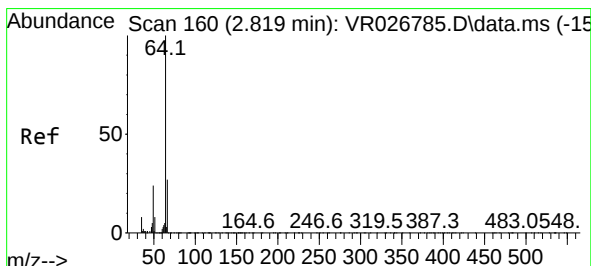
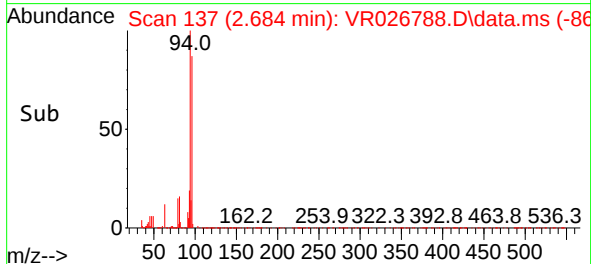
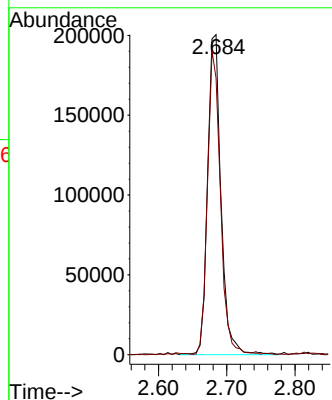
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Tgt Ion: 94 Resp: 274360
Ion Ratio Lower Upper
94 100
96 86.3 76.4 114.6

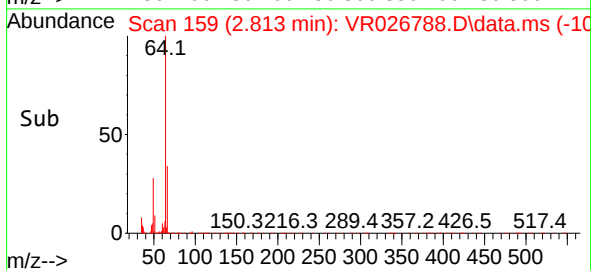
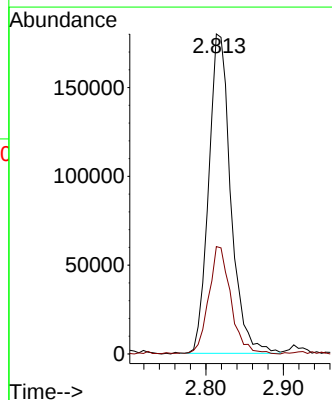
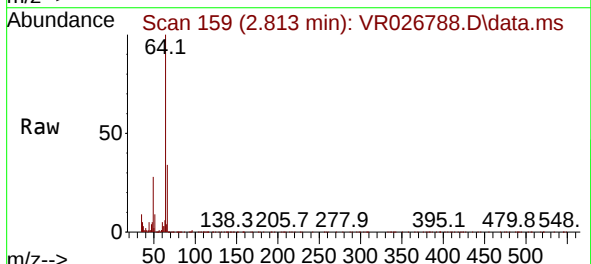
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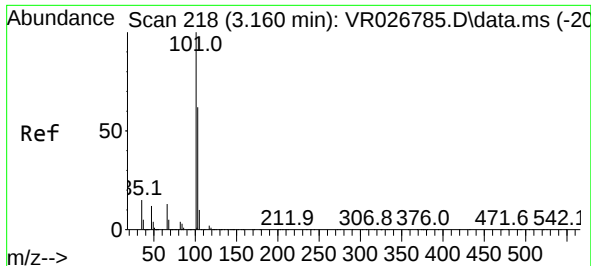
Reviewed By :John Carlone 10/24/2025
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#6
Chloroethane
Concen: 50.875 ug/l
RT: 2.813 min Scan# 159
Delta R.T. -0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

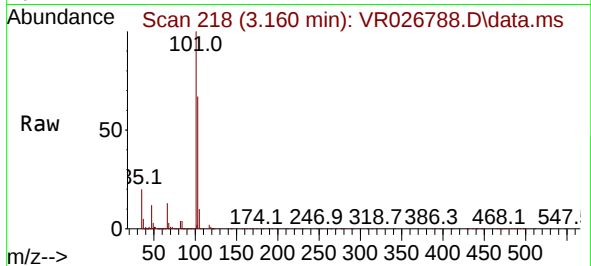
Tgt Ion: 64 Resp: 356665
Ion Ratio Lower Upper
64 100
66 33.6 22.0 33.0#





#7
Trichlorofluoromethane
Concen: 47.042 ug/l
RT: 3.160 min Scan# 218
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

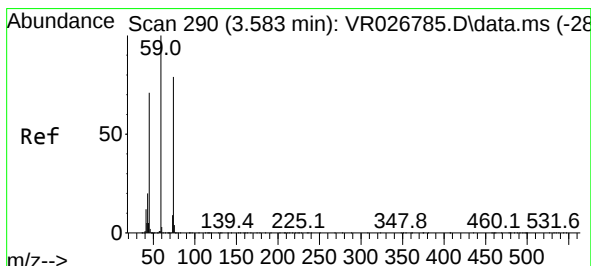
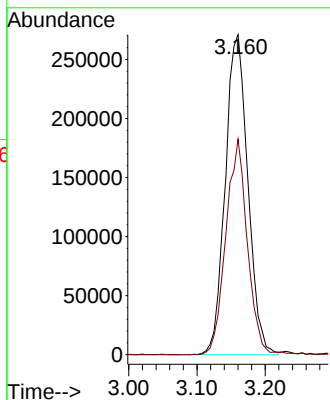
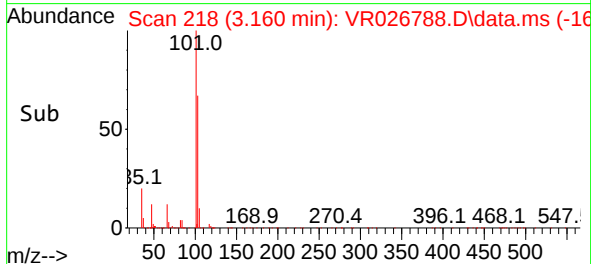
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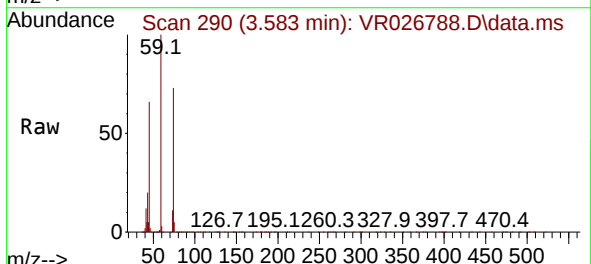
Tgt Ion:101 Resp: 624380
Ion Ratio Lower Upper
101 100
103 67.4 49.6 74.4

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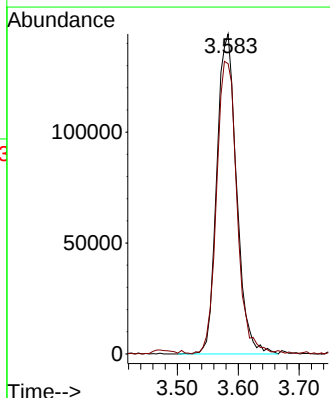
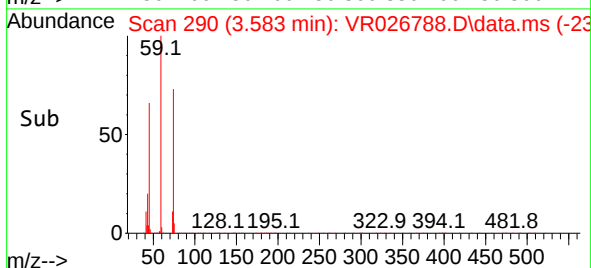
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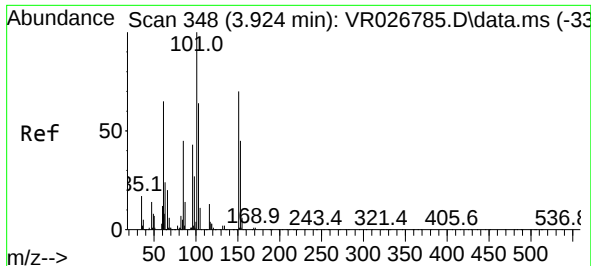


#8
Diethyl Ether
Concen: 50.523 ug/l
RT: 3.583 min Scan# 290
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32



Tgt Ion: 74 Resp: 324698
Ion Ratio Lower Upper
74 100
45 94.4 47.3 141.9





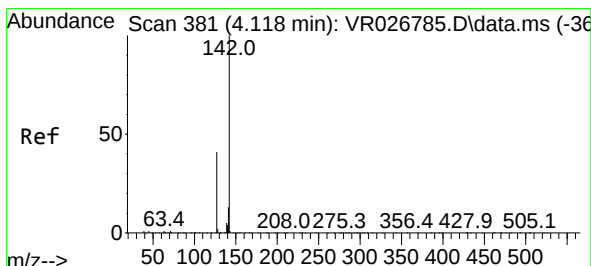
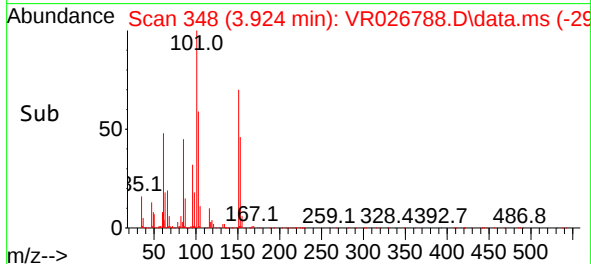
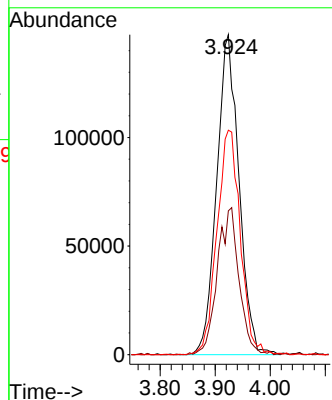
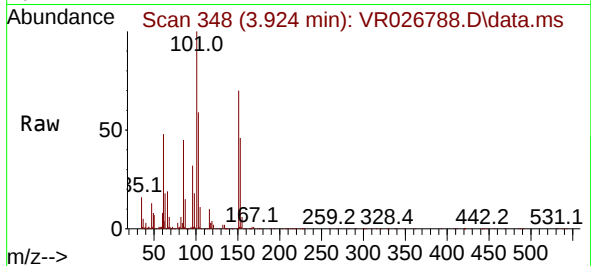
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.567 ug/l
RT: 3.924 min Scan# 348
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

Instrument :
MSVOA_R
ClientSampleId :
ICVVR102225

Tgt Ion:101 Resp: 41463
Ion Ratio Lower Upper
101 100
85 44.8 36.6 54.8
151 73.4 55.5 83.3

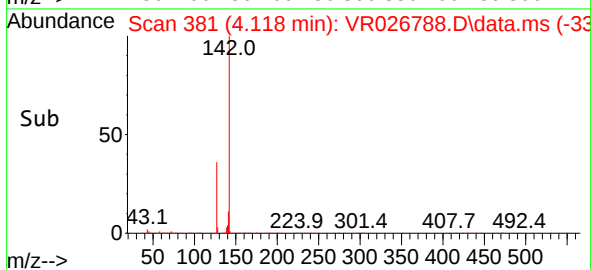
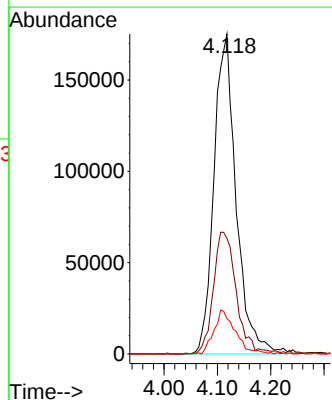
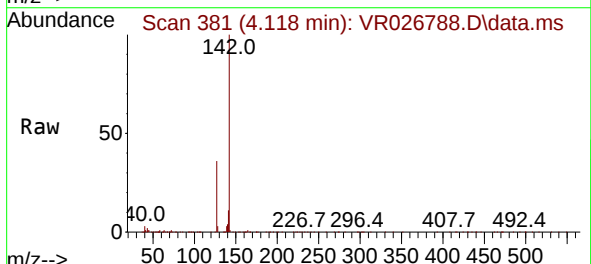
Manual Integrations
APPROVED

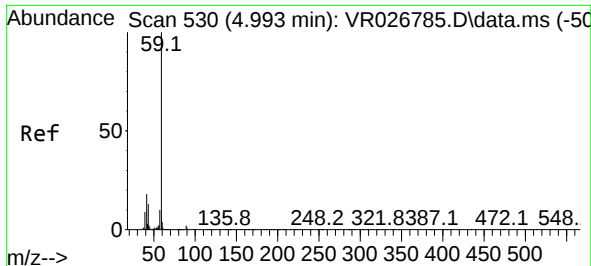
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#10
Methyl Iodide
Concen: 52.847 ug/l
RT: 4.118 min Scan# 381
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

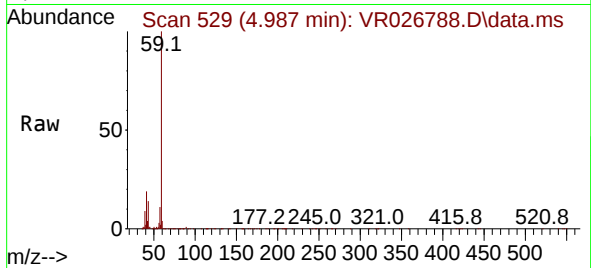
Tgt Ion:142 Resp: 504929
Ion Ratio Lower Upper
142 100
127 39.5 31.8 47.6
141 13.3 10.9 16.3





#11
Tert butyl alcohol
Concen: 249.199 ug/l
RT: 4.987 min Scan# 51
Delta R.T. -0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

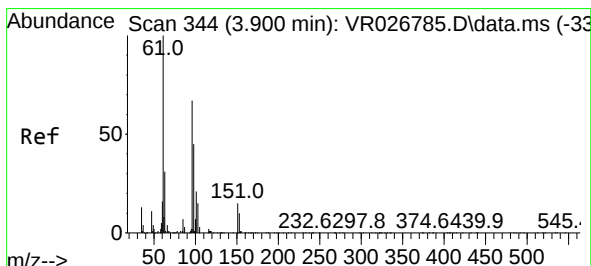
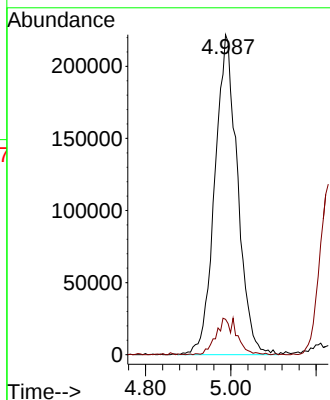
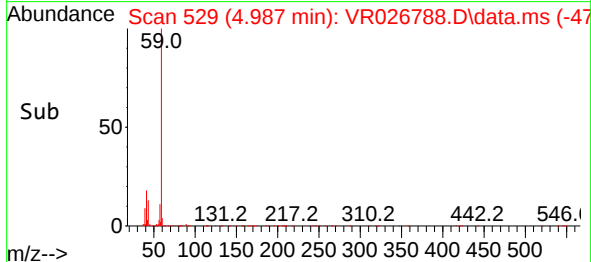
Instrument :
MSVOA_R
ClientSampleId :
ICVVR102225



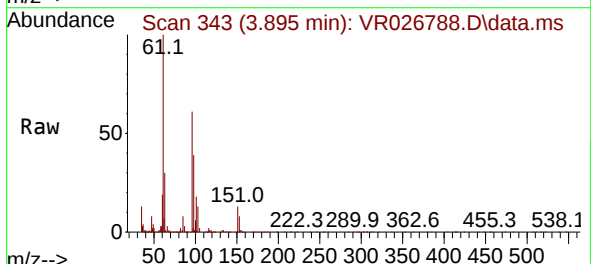
Tgt Ion: 59 Resp: 821928
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

Manual Integrations
APPROVED

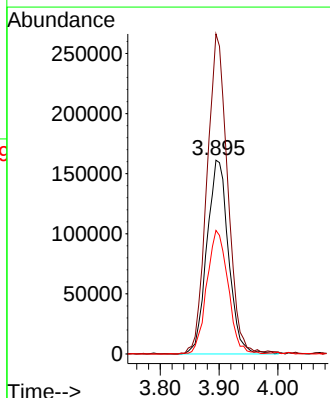
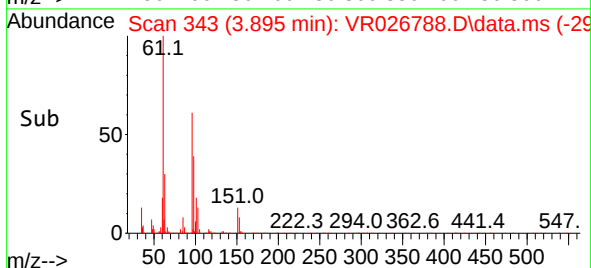
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

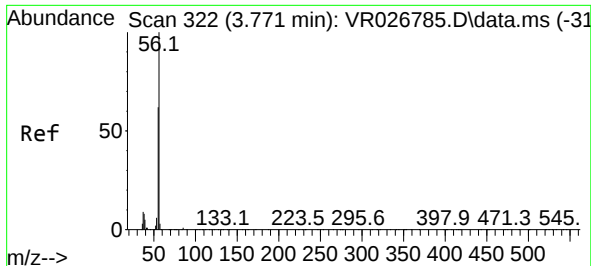


#12
1,1-Dichloroethene
Concen: 49.334 ug/l
RT: 3.895 min Scan# 343
Delta R.T. -0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32



Tgt Ion: 96 Resp: 411494
Ion Ratio Lower Upper
96 100
61 165.2 119.0 178.6
98 63.7 53.0 79.6





#13

Acrolein

Concen: 219.323 ug/l

RT: 3.765 min Scan# 31

Delta R.T. -0.006 min

Lab File: VR026788.D

Acq: 22 Oct 2025 16:32

Instrument :

MSVOA_R

ClientSampleId :

ICVVR102225

Tgt Ion: 56 Resp: 47804

Ion Ratio Lower Upper

56 100

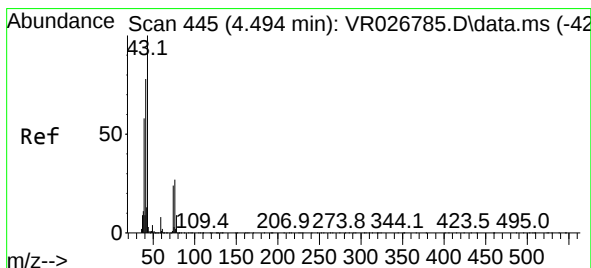
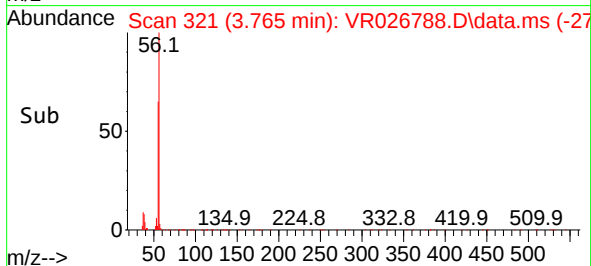
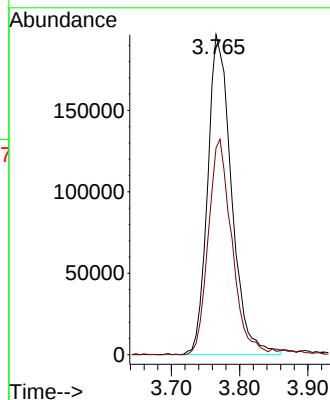
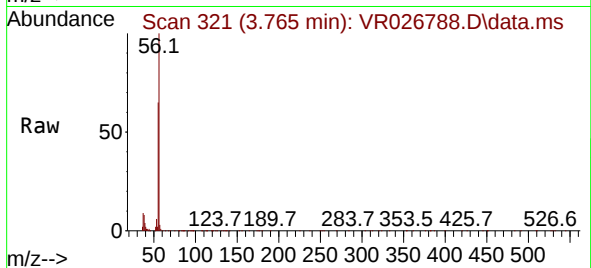
55 66.4 54.2 81.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#14

Allyl chloride

Concen: 51.954 ug/l

RT: 4.488 min Scan# 444

Delta R.T. -0.006 min

Lab File: VR026788.D

Acq: 22 Oct 2025 16:32

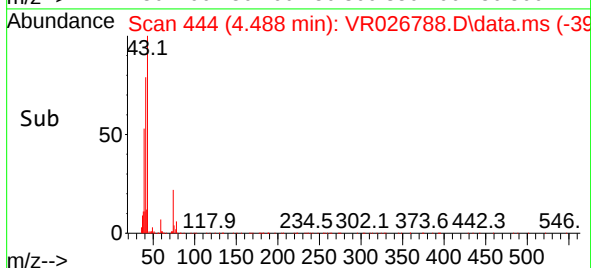
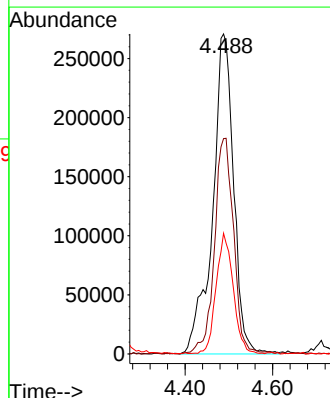
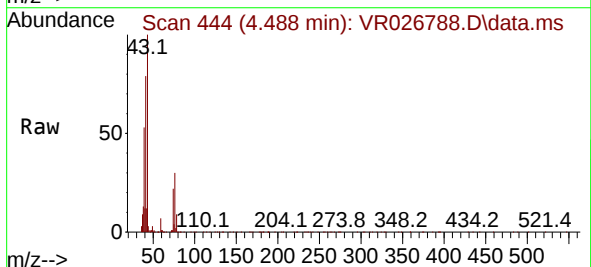
Tgt Ion: 41 Resp: 906497

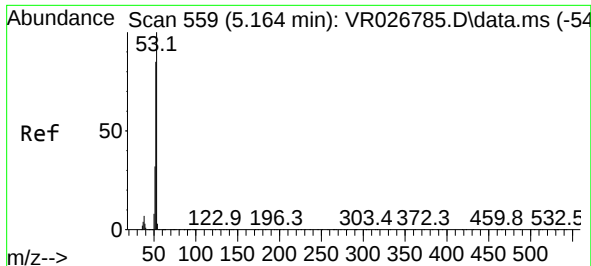
Ion Ratio Lower Upper

41 100

39 60.9 49.0 73.6

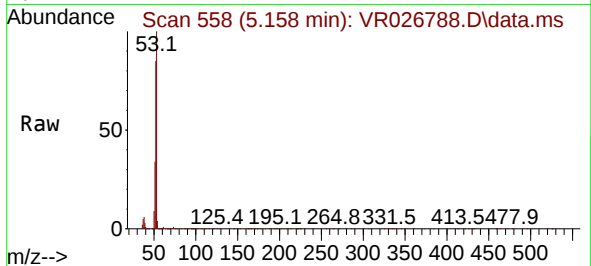
76 30.2 24.0 36.0





#15
Acrylonitrile
Concen: 254.180 ug/l
RT: 5.158 min Scan# 51
Delta R.T. -0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

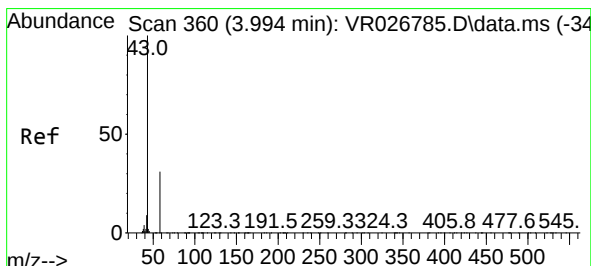
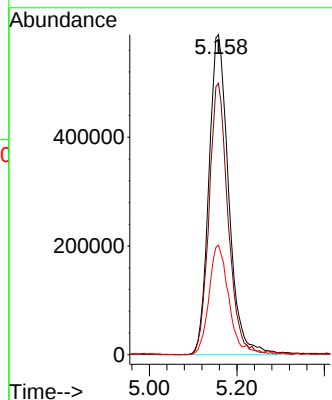
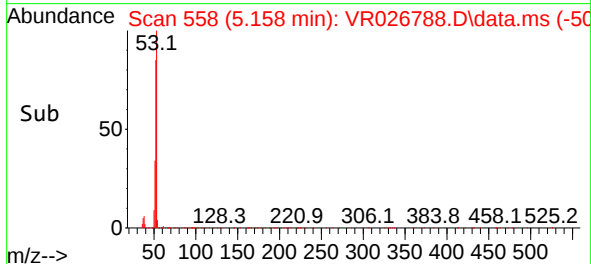
Instrument :
MSVOA_R
ClientSampleId :
ICVVR102225



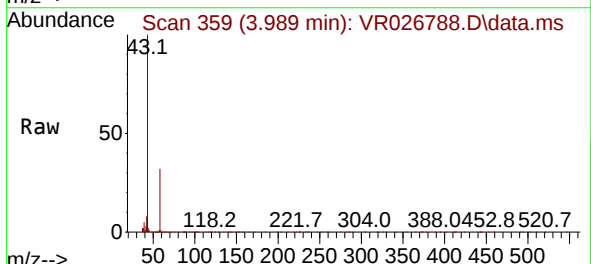
Tgt Ion: 53 Resp: 1852130
Ion Ratio Lower Upper
53 100
52 81.3 65.8 98.8
51 34.5 27.7 41.5

Manual Integrations
APPROVED

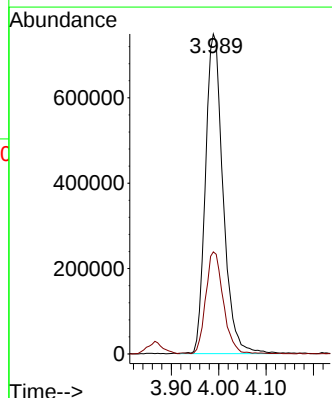
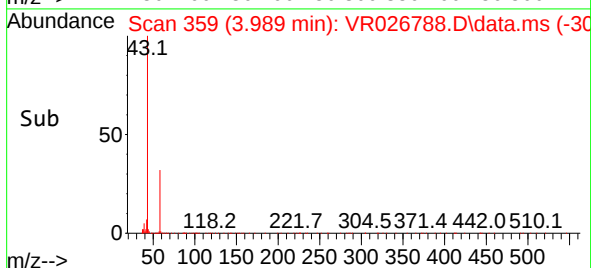
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

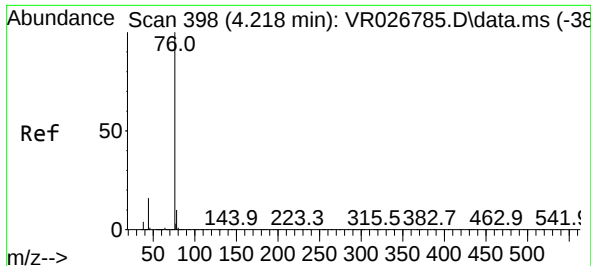


#16
Acetone
Concen: 239.145 ug/l
RT: 3.989 min Scan# 359
Delta R.T. -0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32



Tgt Ion: 43 Resp: 1930465
Ion Ratio Lower Upper
43 100
58 31.7 26.2 39.4





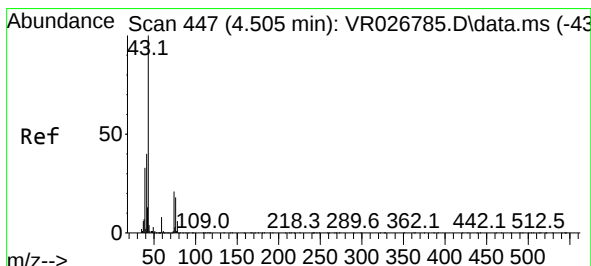
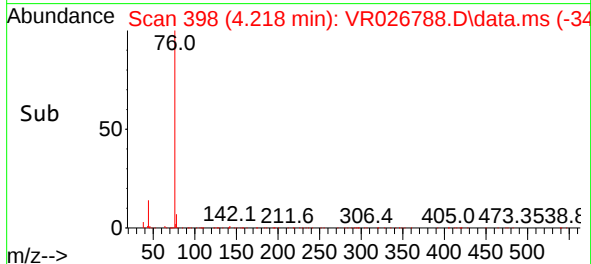
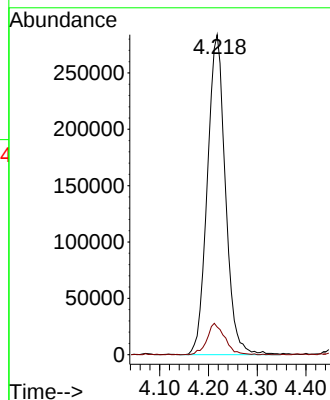
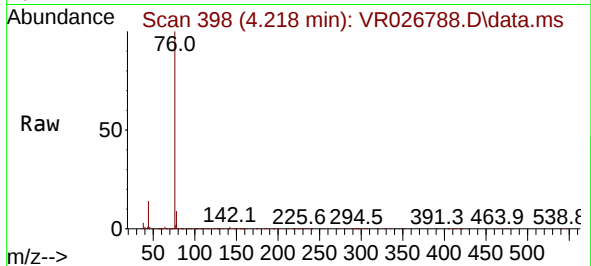
#17
Carbon Disulfide
Concen: 48.134 ug/l
RT: 4.218 min Scan# 398
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

Instrument :
MSVOA_R
ClientSampleId :
ICVVR102225

Tgt Ion: 76 Resp: 72997
Ion Ratio Lower Upper
76 100
78 8.7 8.2 12.2

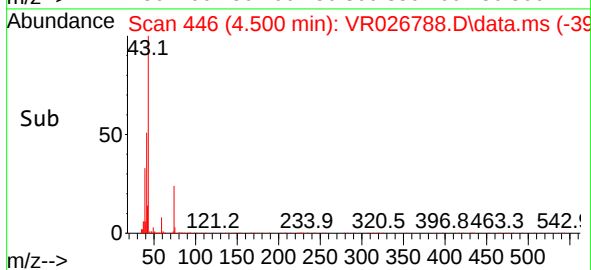
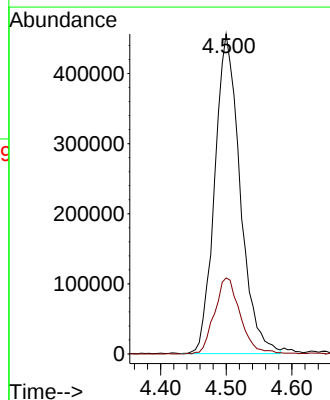
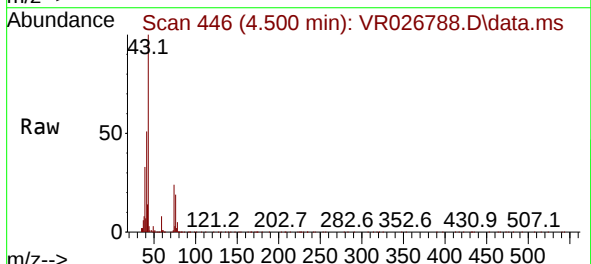
Manual Integrations
APPROVED

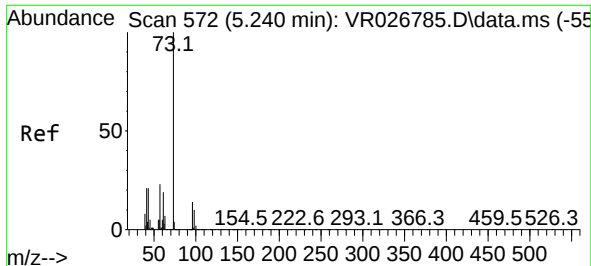
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#18
Methyl Acetate
Concen: 52.970 ug/l
RT: 4.500 min Scan# 446
Delta R.T. -0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

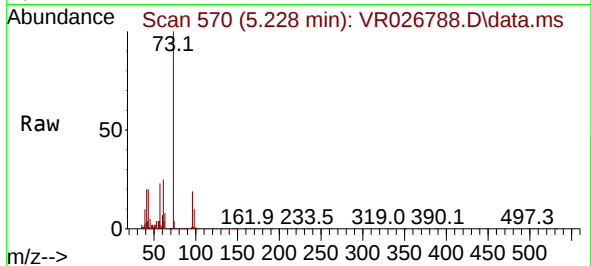
Tgt Ion: 43 Resp: 1224940
Ion Ratio Lower Upper
43 100
74 24.2 18.5 27.7





#19
Methyl tert-butyl Ether
Concen: 49.882 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.012 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

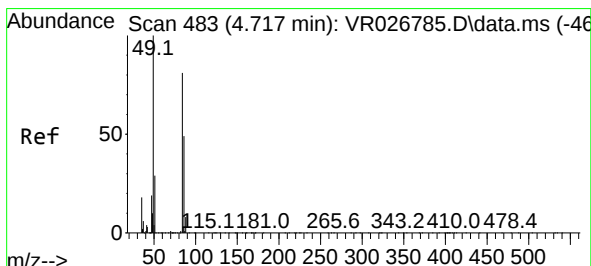
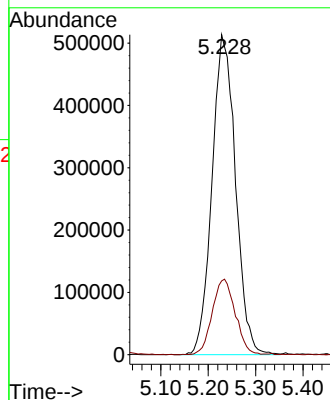
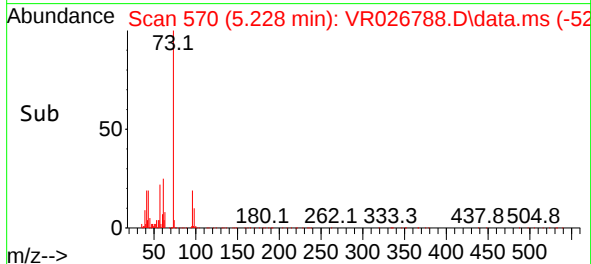
Instrument :
MSVOA_R
ClientSampleId :
ICVVR102225



Tgt Ion: 73 Resp: 1769728
Ion Ratio Lower Upper
73 100
57 23.0 18.6 28.0

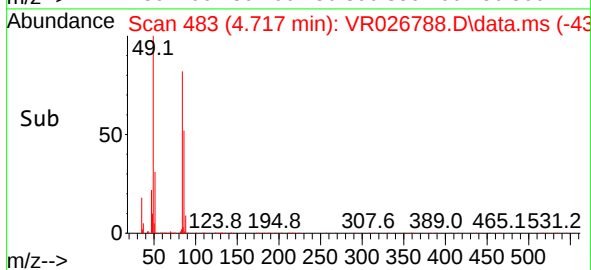
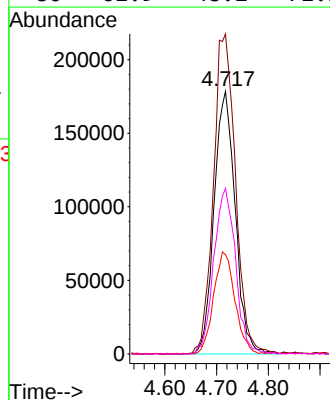
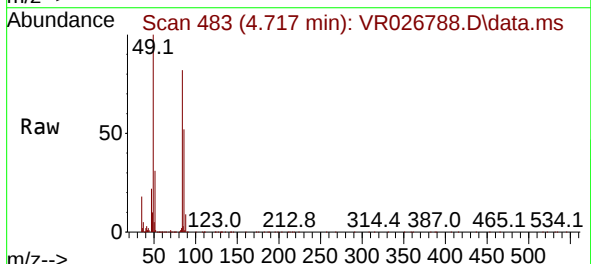
Manual Integrations
APPROVED

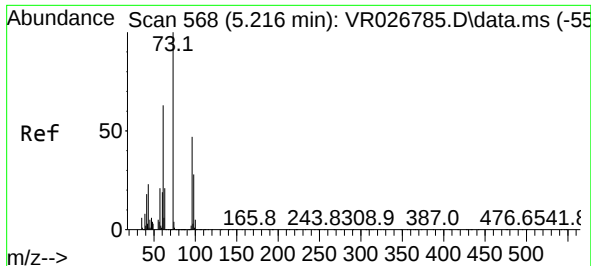
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#20
Methylene Chloride
Concen: 48.465 ug/l
RT: 4.717 min Scan# 483
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

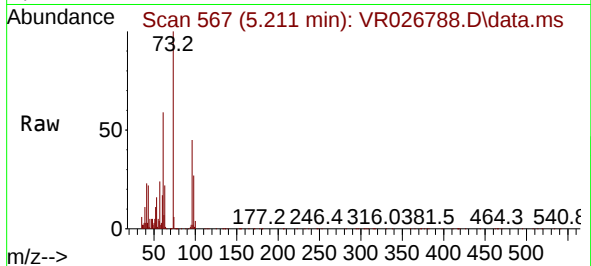
Tgt Ion: 84 Resp: 506421
Ion Ratio Lower Upper
84 100
49 121.8 99.0 148.6
51 37.8 28.6 42.8
86 62.9 48.2 72.2





#21
trans-1,2-Dichloroethene
Concen: 48.031 ug/l
RT: 5.211 min Scan# 50
Delta R.T. -0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

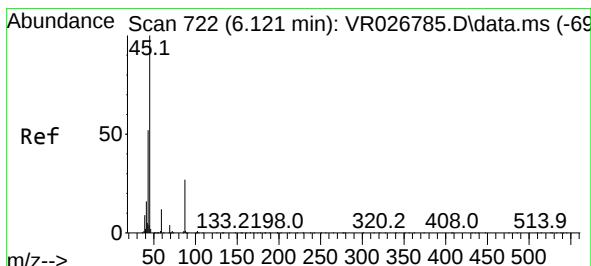
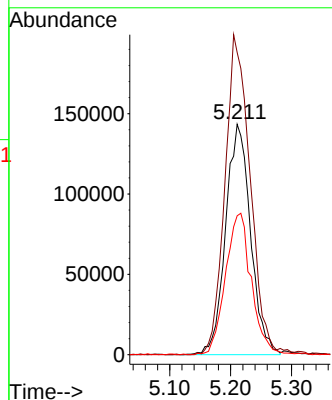
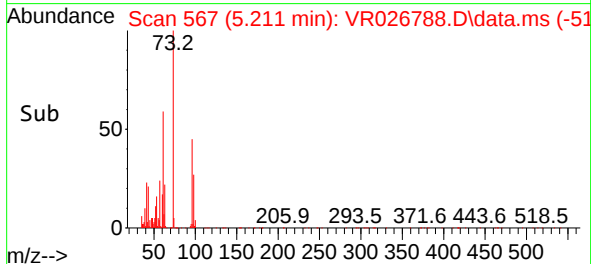
Instrument :
MSVOA_R
ClientSampleId :
ICVVR102225



Tgt Ion: 96 Resp: 40748
Ion Ratio Lower Upper
96 100
61 131.2 107.4 161.0
98 60.3 48.1 72.1

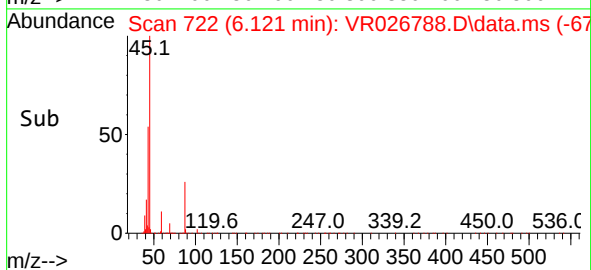
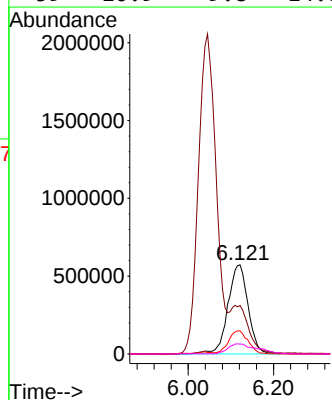
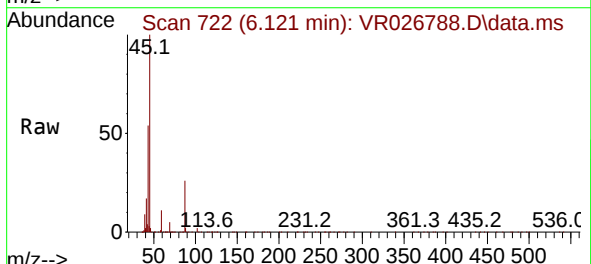
Manual Integrations
APPROVED

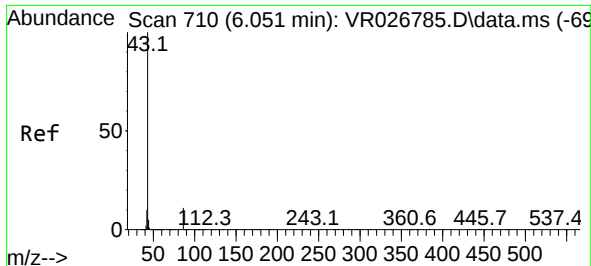
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#22
Diisopropyl ether
Concen: 50.429 ug/l
RT: 6.121 min Scan# 722
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

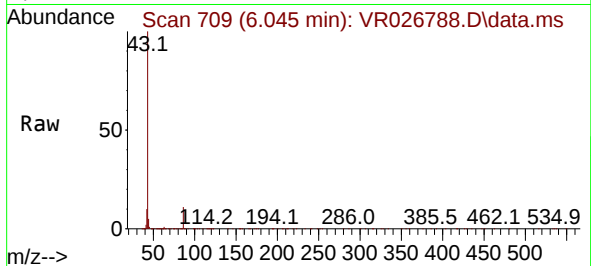
Tgt Ion: 45 Resp: 1881060
Ion Ratio Lower Upper
45 100
43 53.7 41.8 62.8
87 25.8 21.8 32.8
59 10.9 9.8 14.8





#23
 Vinyl Acetate
 Concen: 242.220 ug/l
 RT: 6.045 min Scan# 709
 Delta R.T. -0.006 min
 Lab File: VR026788.D
 Acq: 22 Oct 2025 16:32

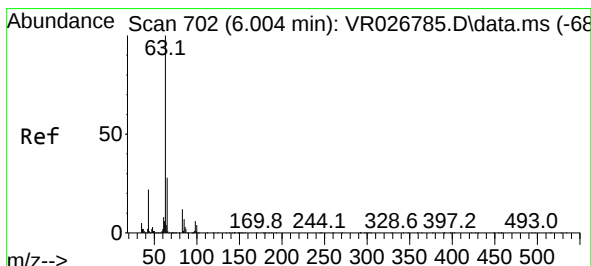
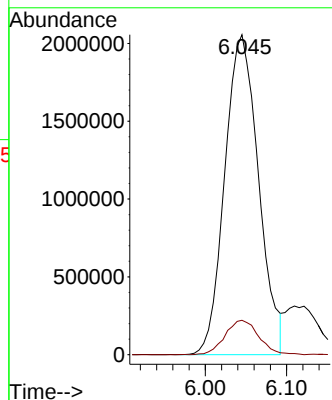
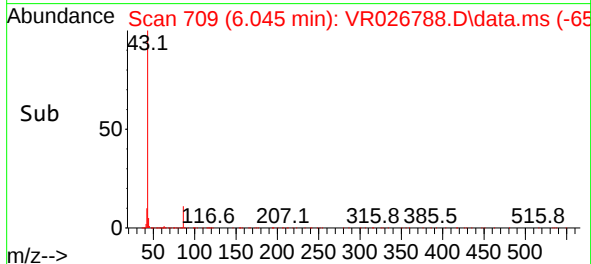
Instrument :
 MSVOA_R
 ClientSampleId :
 ICVVR102225



Tgt Ion: 43 Resp: 5948139
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.7 13.1

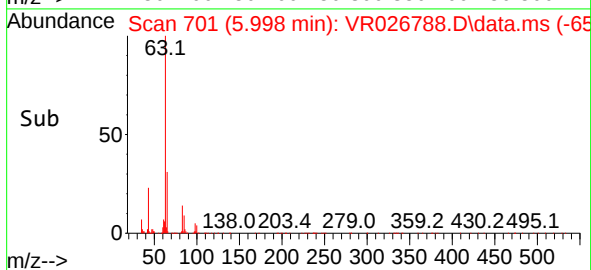
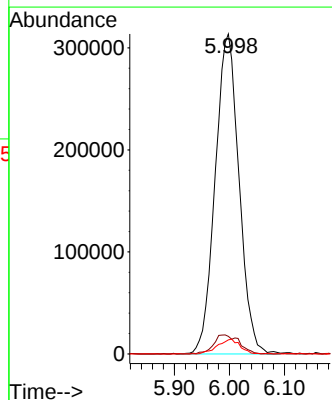
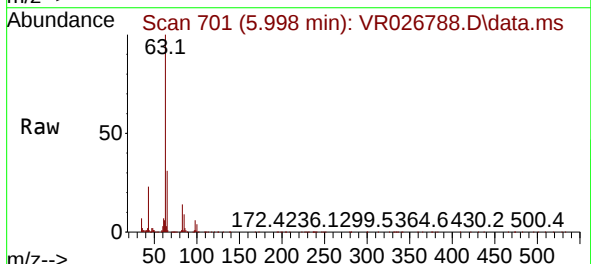
Manual Integrations
 APPROVED

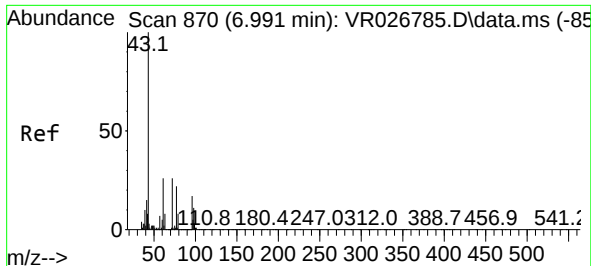
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#24
 1,1-Dichloroethane
 Concen: 49.741 ug/l
 RT: 5.998 min Scan# 701
 Delta R.T. -0.006 min
 Lab File: VR026788.D
 Acq: 22 Oct 2025 16:32

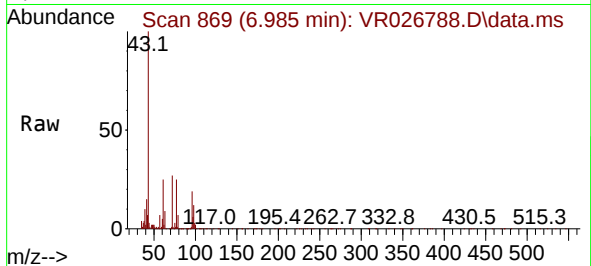
Tgt Ion: 63 Resp: 944054
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.1 9.4
 100 4.3 2.1 6.3





#25
2-Butanone
Concen: 229.220 ug/l
RT: 6.985 min Scan# 80
Delta R.T. -0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

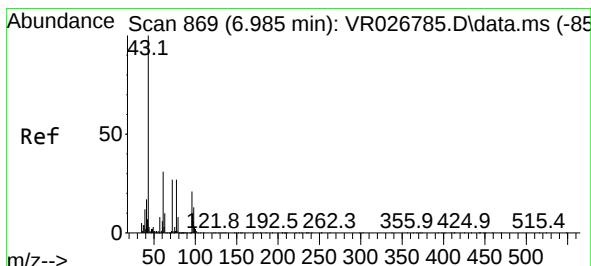
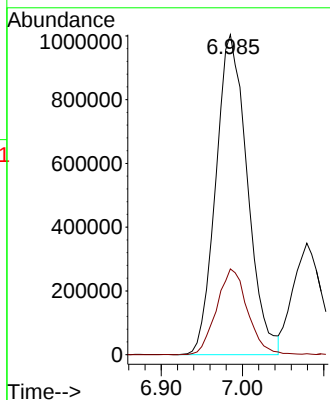
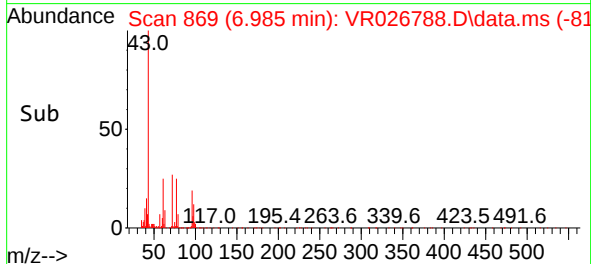
Instrument :
MSVOA_R
ClientSampleId :
ICVVR102225



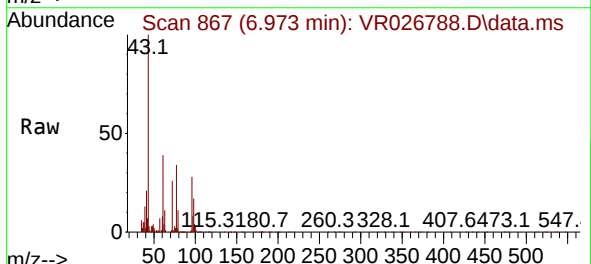
Tgt Ion: 43 Resp: 2707800
Ion Ratio Lower Upper
43 100
72 26.8 21.0 31.4

Manual Integrations
APPROVED

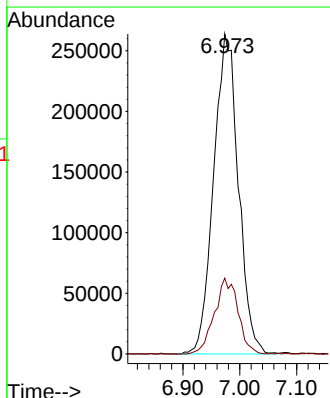
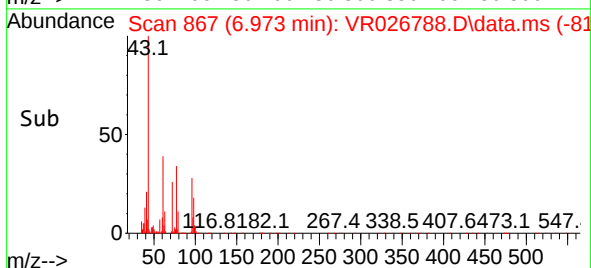
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

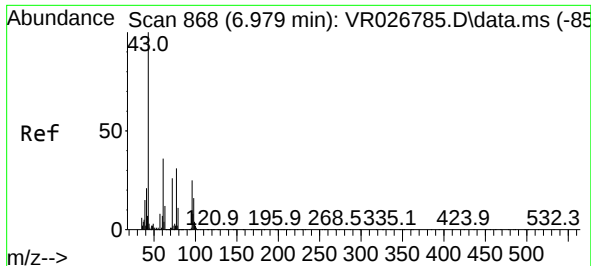


#26
2,2-Dichloropropane
Concen: 49.114 ug/l
RT: 6.973 min Scan# 867
Delta R.T. -0.012 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32



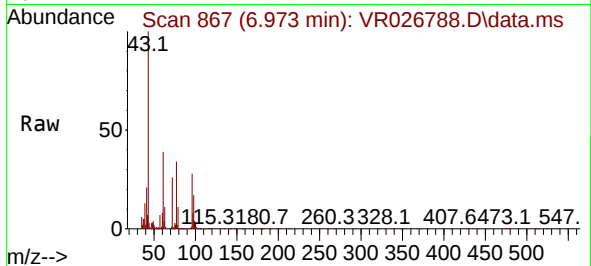
Tgt Ion: 77 Resp: 796362
Ion Ratio Lower Upper
77 100
97 22.6 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 49.711 ug/l
 RT: 6.973 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VR026788.D
 Acq: 22 Oct 2025 16:32

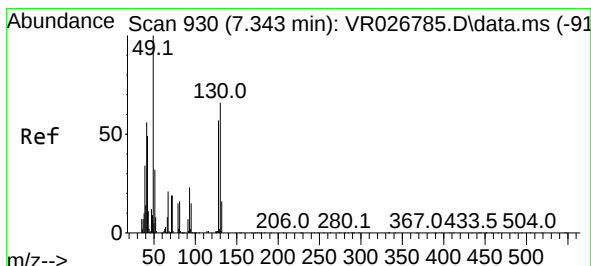
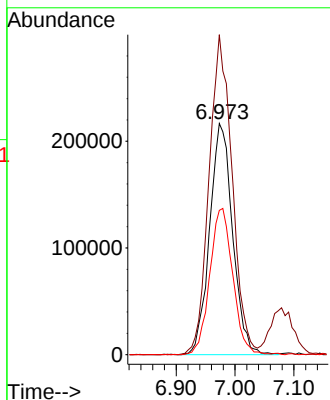
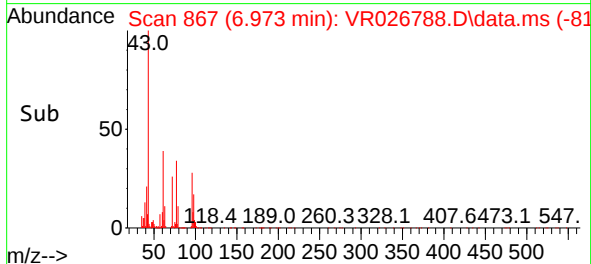
Instrument :
 MSVOA_R
 ClientSampleId :
 ICVVR102225



Tgt Ion: 96 Resp: 589300
 Ion Ratio Lower Upper
 96 100
 61 138.5 0.0 291.0
 98 63.1 0.0 127.8

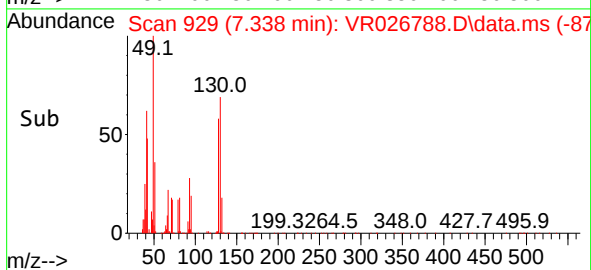
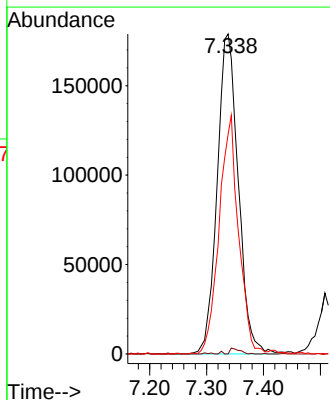
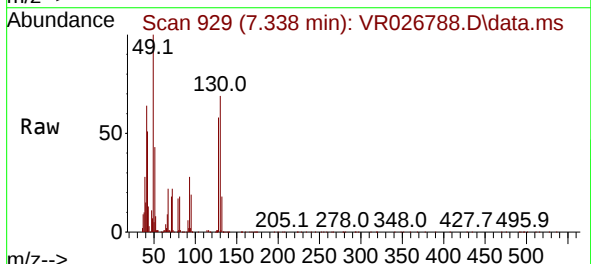
Manual Integrations
 APPROVED

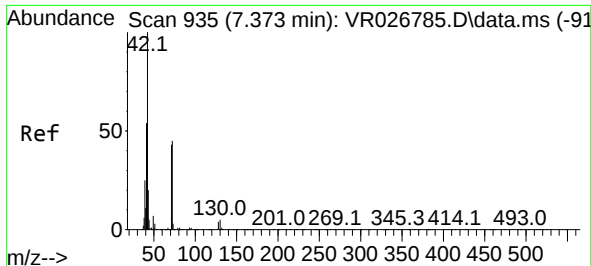
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#28
 Bromochloromethane
 Concen: 53.848 ug/l
 RT: 7.338 min Scan# 929
 Delta R.T. -0.006 min
 Lab File: VR026788.D
 Acq: 22 Oct 2025 16:32

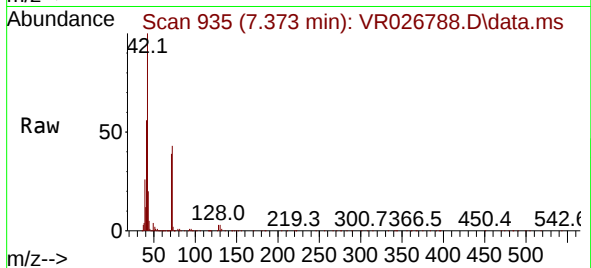
Tgt Ion: 49 Resp: 461782
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 2.6
 130 68.6 53.8 80.6





#29
Tetrahydrofuran
Concen: 243.599 ug/l
RT: 7.373 min Scan# 91
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

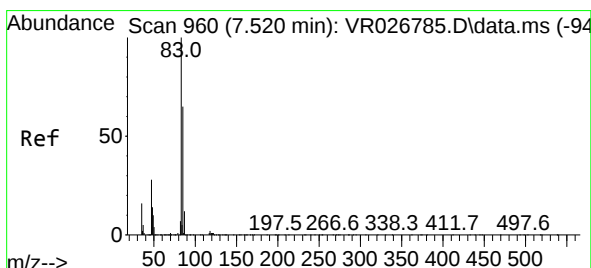
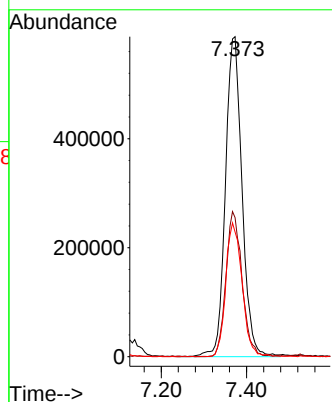
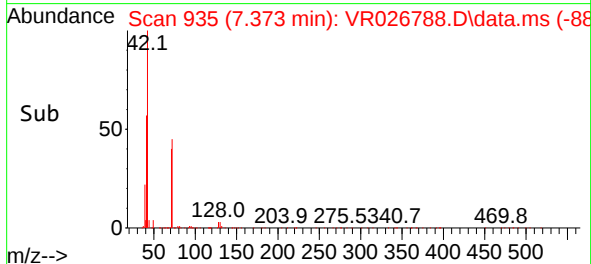
Instrument :
MSVOA_R
ClientSampleId :
ICVVR102225



Tgt Ion: 42 Resp: 1588310
Ion Ratio Lower Upper
42 100
72 43.9 35.4 53.0
71 41.2 32.8 49.2

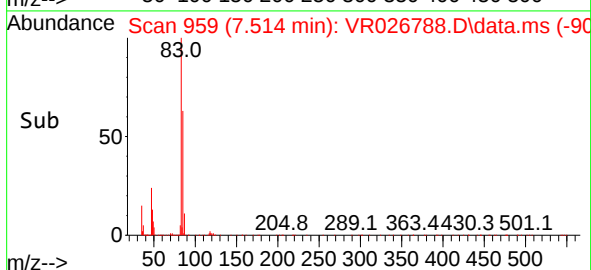
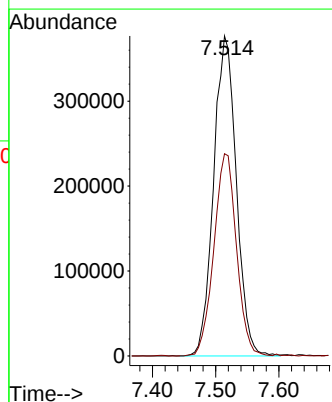
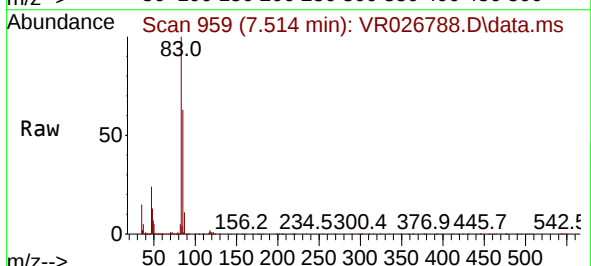
Manual Integrations
APPROVED

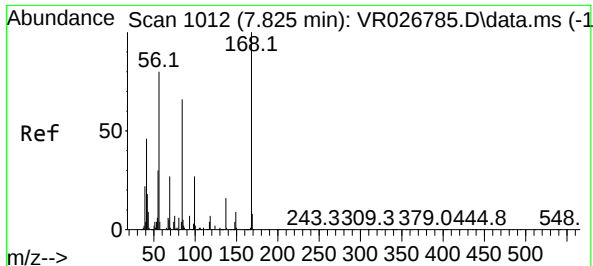
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#30
Chloroform
Concen: 51.145 ug/l
RT: 7.514 min Scan# 959
Delta R.T. -0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

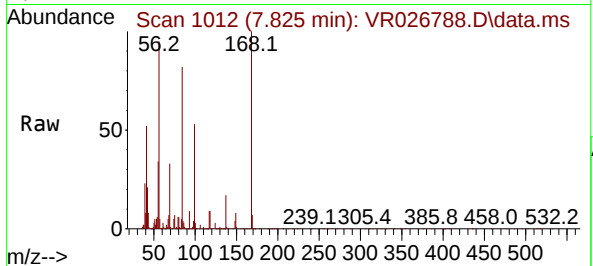
Tgt Ion: 83 Resp: 940081
Ion Ratio Lower Upper
83 100
85 63.1 51.7 77.5





#31
Cyclohexane
Concen: 45.963 ug/l
RT: 7.825 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

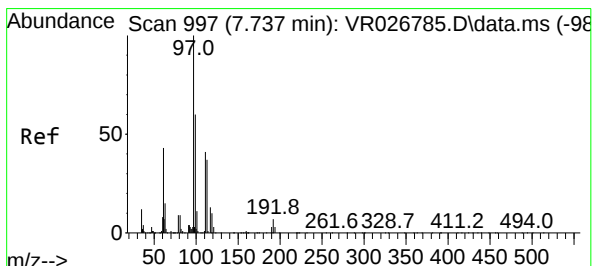
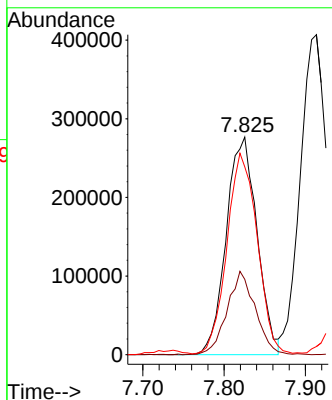
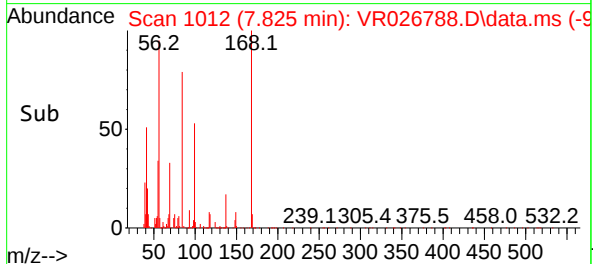
Instrument :
MSVOA_R
ClientSampleId :
ICVVR102225



Tgt Ion: 56 Resp: 729474
Ion Ratio Lower Upper
56 100
69 34.4 26.9 40.3
84 84.8 66.1 99.1

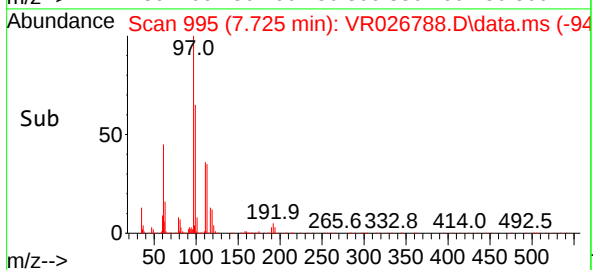
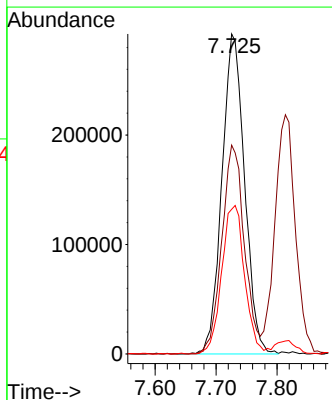
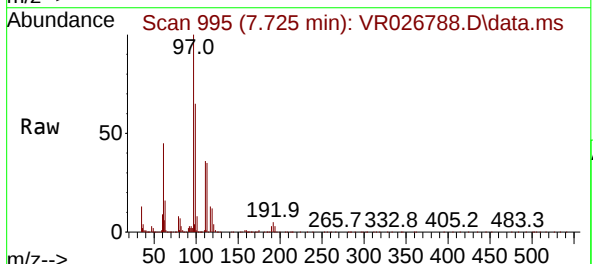
Manual Integrations
APPROVED

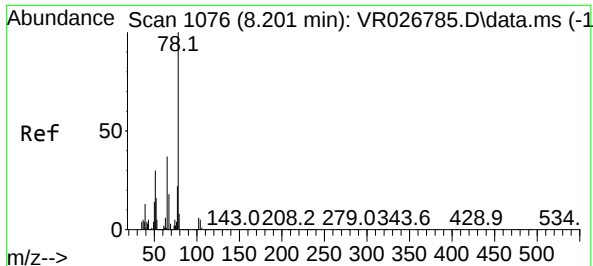
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#32
1,1,1-Trichloroethane
Concen: 49.632 ug/l
RT: 7.725 min Scan# 995
Delta R.T. -0.012 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

Tgt Ion: 97 Resp: 754930
Ion Ratio Lower Upper
97 100
99 65.3 49.5 74.3
61 46.7 36.9 55.3





#33

1,2-Dichloroethane-d4

Concen: 48.568 ug/l

RT: 8.190 min Scan# 1076

Delta R.T. -0.012 min

Lab File: VR026788.D

Acq: 22 Oct 2025 16:32

Instrument :

MSVOA_R

ClientSampleId :

ICVVR102225

Tgt Ion: 65 Resp: 32628

Ion Ratio Lower Upper

65 100

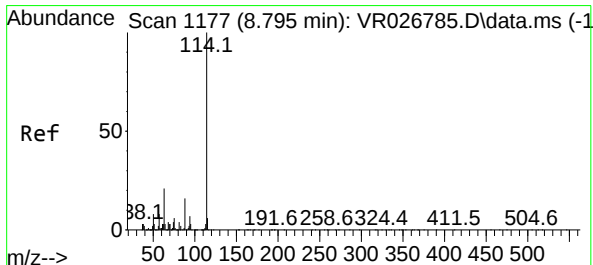
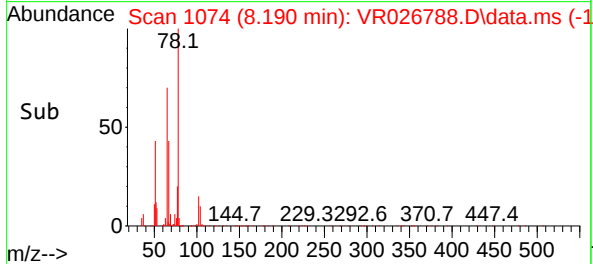
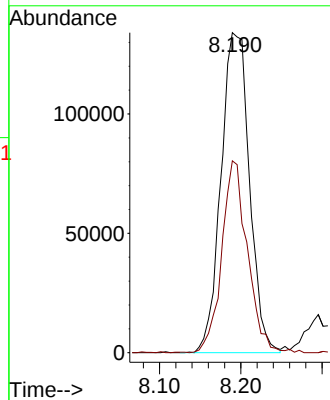
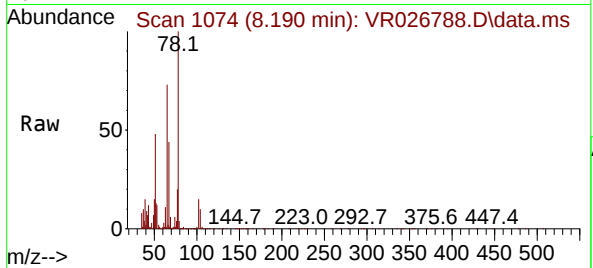
67 54.2 0.0 108.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.789 min Scan# 1176

Delta R.T. -0.006 min

Lab File: VR026788.D

Acq: 22 Oct 2025 16:32

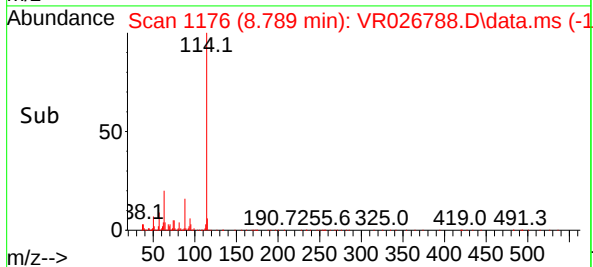
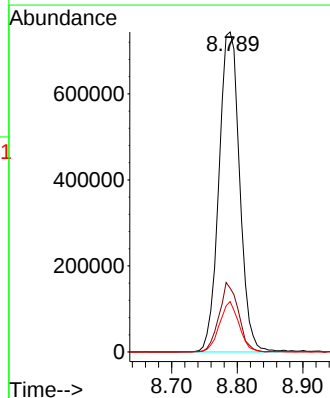
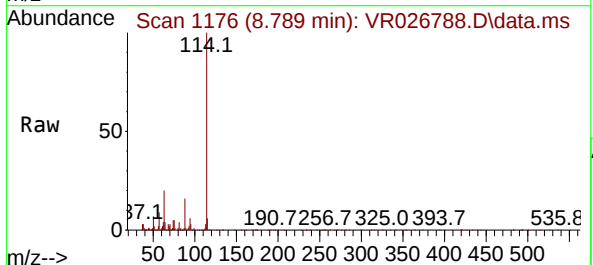
Tgt Ion:114 Resp: 1627598

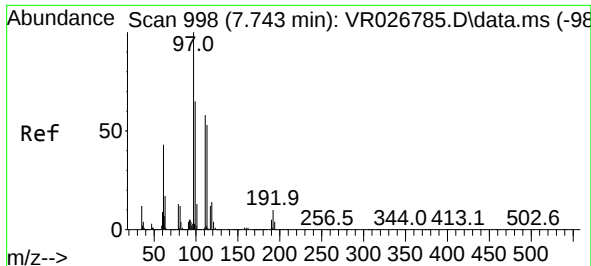
Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.4

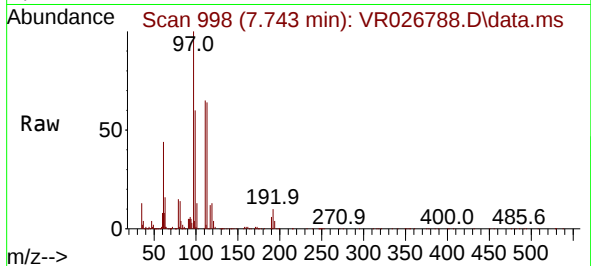
88 15.7 0.0 31.4





#35
Dibromofluoromethane
Concen: 49.029 ug/l
RT: 7.743 min Scan# 998
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

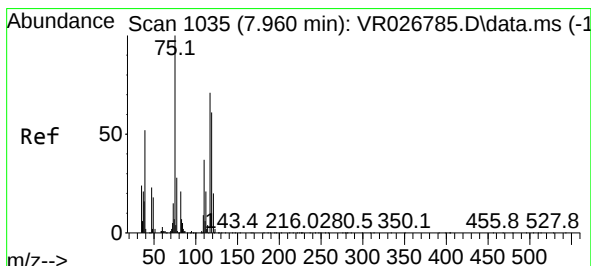
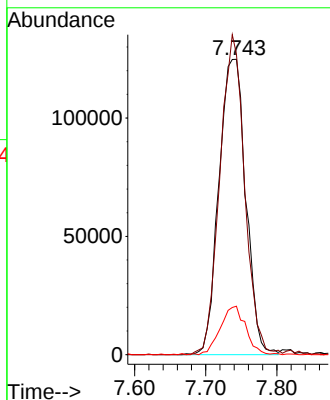
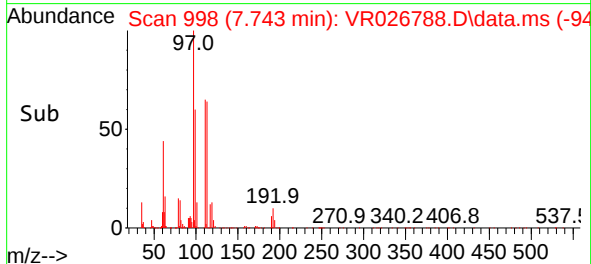
Instrument :
MSVOA_R
ClientSampleId :
ICVVR102225



Tgt Ion: 113 Resp: 328020
Ion Ratio Lower Upper
113 100
111 99.7 86.0 129.0
192 15.5 14.6 22.0

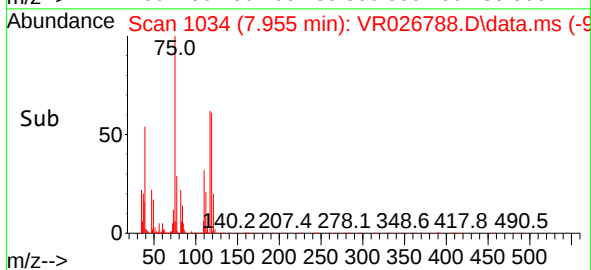
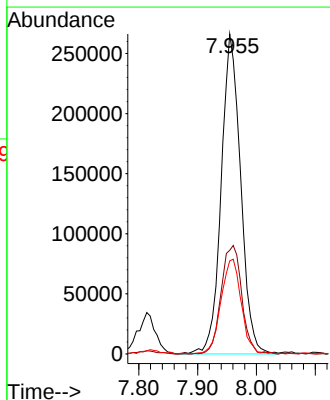
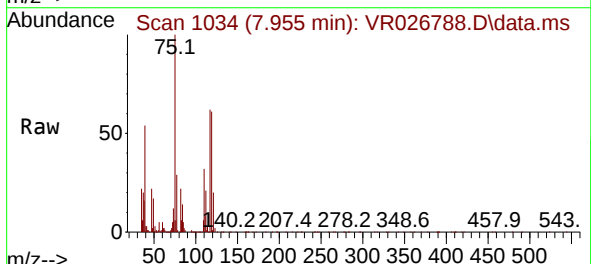
Manual Integrations
APPROVED

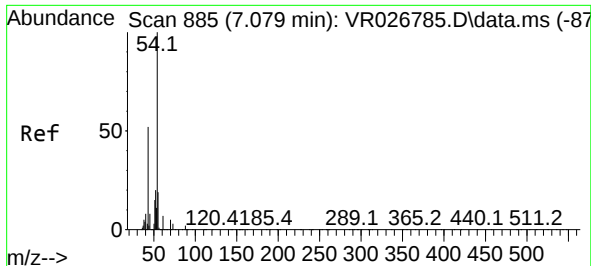
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#36
1,1-Dichloropropene
Concen: 47.475 ug/l
RT: 7.955 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

Tgt Ion: 75 Resp: 610124
Ion Ratio Lower Upper
75 100
110 36.1 17.4 52.2
77 30.6 23.8 35.8





#37

Ethyl Acetate

Concen: 46.972 ug/l

RT: 7.079 min Scan# 885

Delta R.T. 0.000 min

Lab File: VR026788.D

Acq: 22 Oct 2025 16:32

Instrument :

MSVOA_R

ClientSampleId :

ICVVR102225

Tgt Ion: 43 Resp: 88436

Ion Ratio Lower Upper

43 100

61 13.6 11.0 16.6

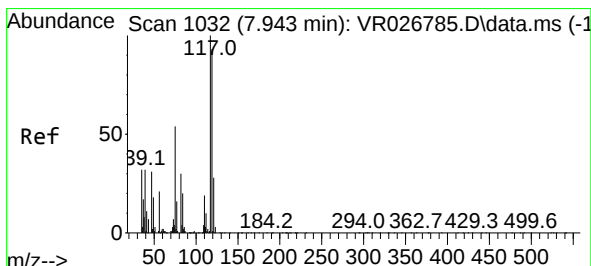
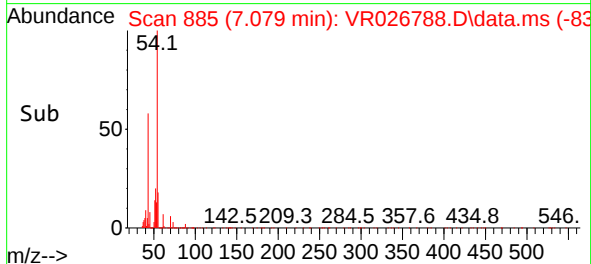
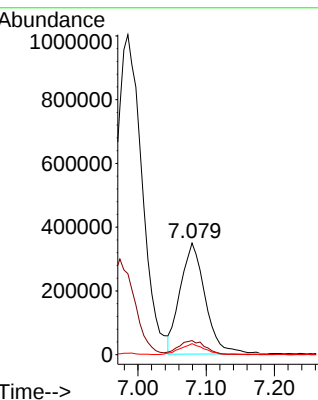
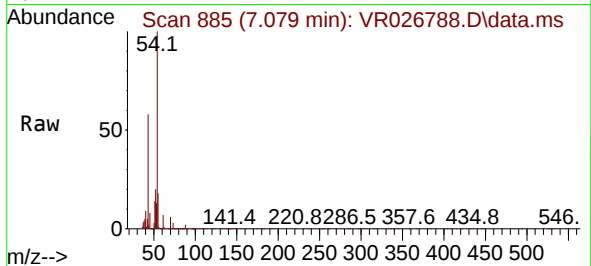
70 9.6 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#38

Carbon Tetrachloride

Concen: 49.855 ug/l

RT: 7.949 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VR026788.D

Acq: 22 Oct 2025 16:32

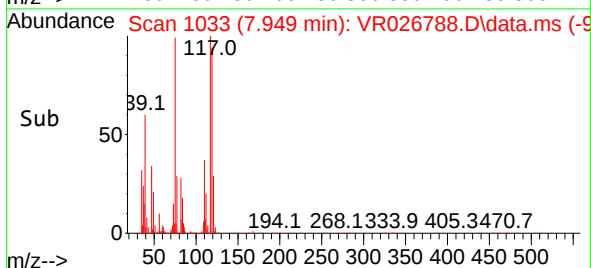
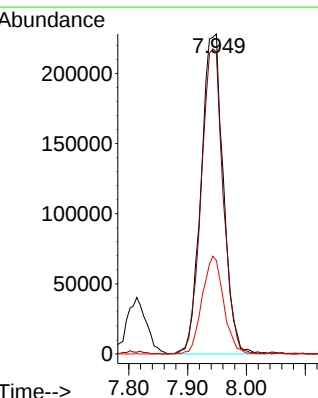
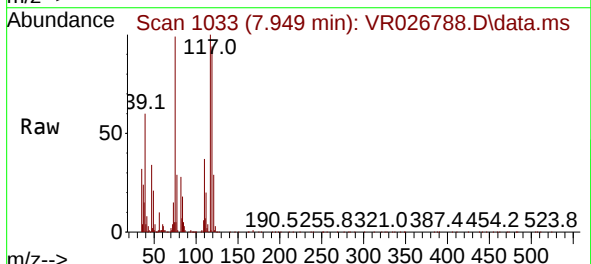
Tgt Ion:117 Resp: 597480

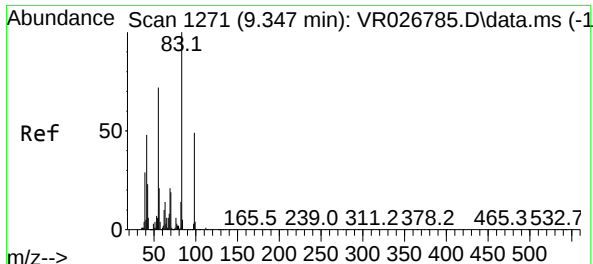
Ion Ratio Lower Upper

117 100

119 94.4 74.3 111.5

121 29.2 22.6 33.8





#39

Methylcyclohexane

Concen: 47.297 ug/l

RT: 9.341 min Scan# 1

Delta R.T. -0.006 min

Lab File: VR026788.D

Acq: 22 Oct 2025 16:32

Instrument :

MSVOA_R

ClientSampleId :

ICVVR102225

Tgt Ion: 83 Resp: 764368

Ion Ratio Lower Upper

83 100

55 72.9 57.1 85.7

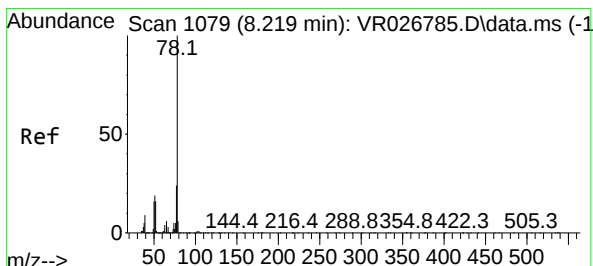
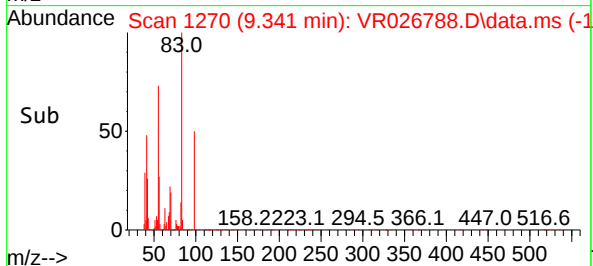
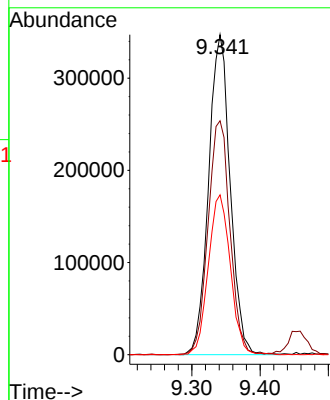
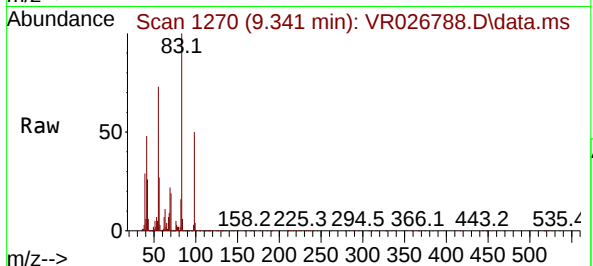
98 50.0 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#40

Benzene

Concen: 48.134 ug/l

RT: 8.219 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VR026788.D

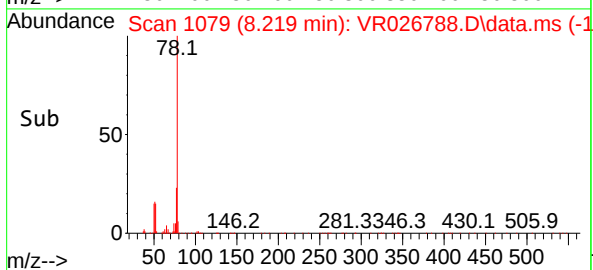
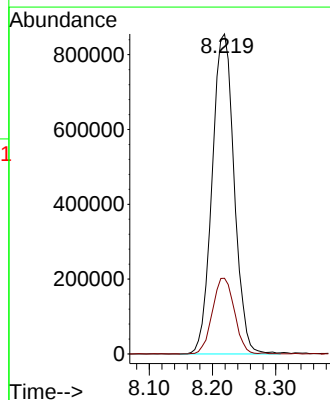
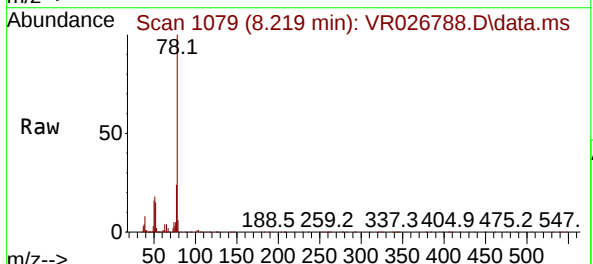
Acq: 22 Oct 2025 16:32

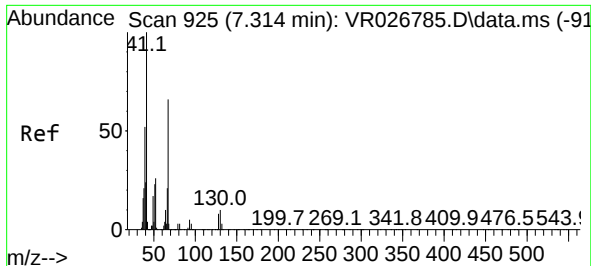
Tgt Ion: 78 Resp: 2072157

Ion Ratio Lower Upper

78 100

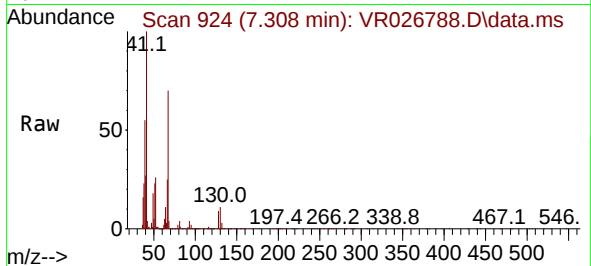
77 23.7 19.3 28.9





#41
Methacrylonitrile
Concen: 44.814 ug/l
RT: 7.308 min Scan# 91
Delta R.T. -0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

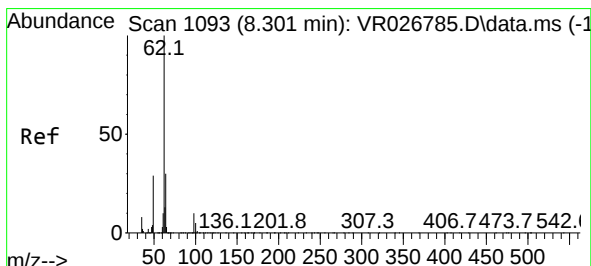
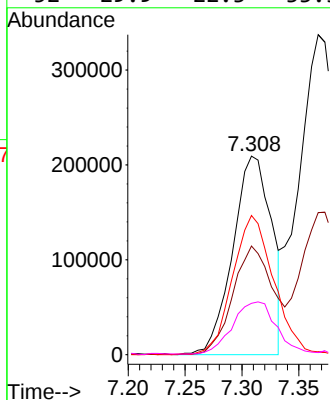
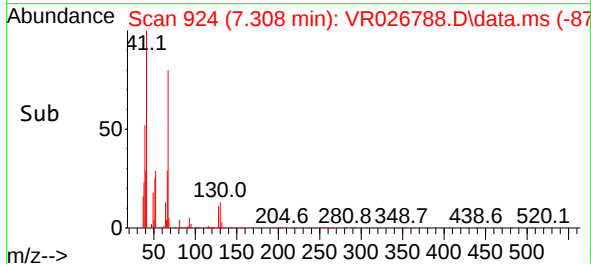
Instrument :
MSVOA_R
ClientSampleId :
ICVVR102225



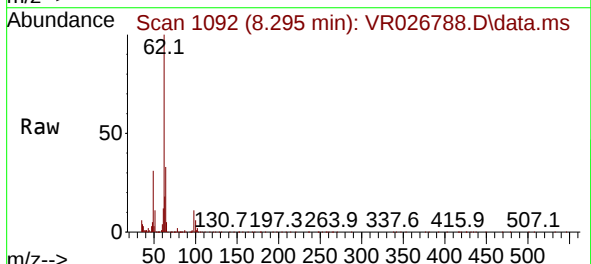
Tgt Ion: 41 Resp: 49733
Ion Ratio Lower Upper
41 100
39 57.1 40.3 60.5
67 74.6 57.3 85.9
52 29.9 22.3 33.5

Manual Integrations
APPROVED

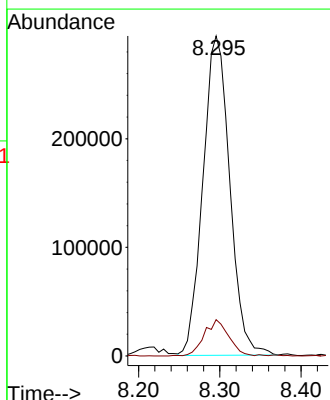
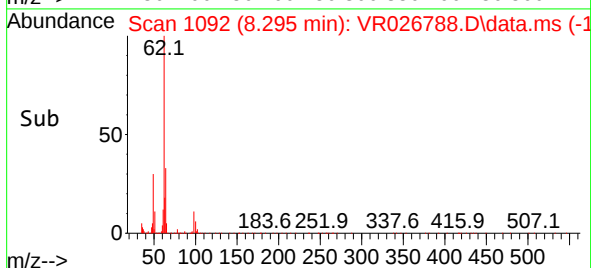
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

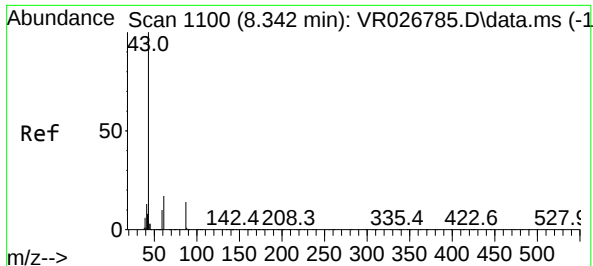


#42
1,2-Dichloroethane
Concen: 47.911 ug/l
RT: 8.295 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32



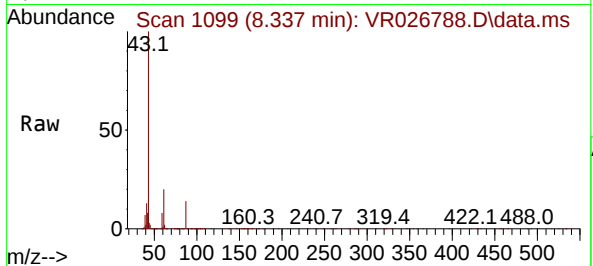
Tgt Ion: 62 Resp: 675813
Ion Ratio Lower Upper
62 100
98 10.4 0.0 19.4





#43
Isopropyl Acetate
Concen: 48.077 ug/l
RT: 8.337 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

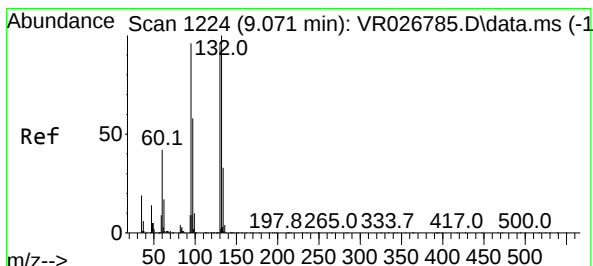
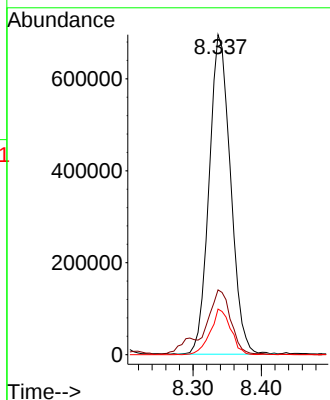
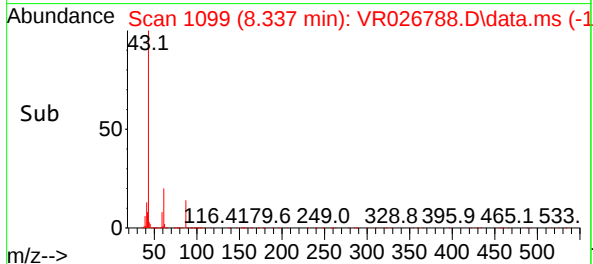
Instrument :
MSVOA_R
ClientSampleId :
ICVVR102225



Tgt Ion: 43 Resp: 151575
Ion Ratio Lower Upper
43 100
61 20.6 20.0 30.0
87 13.6 10.5 15.7

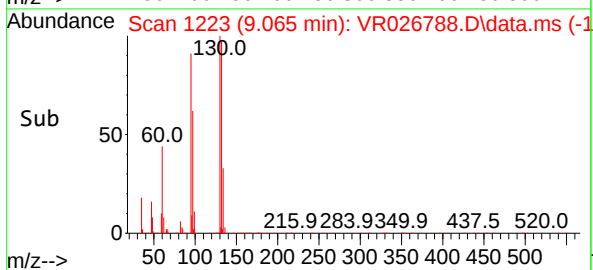
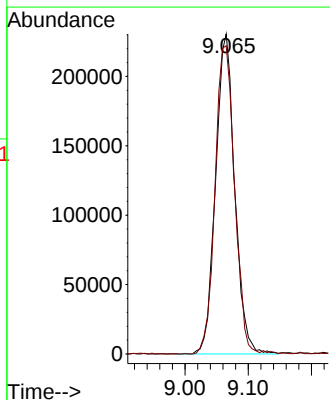
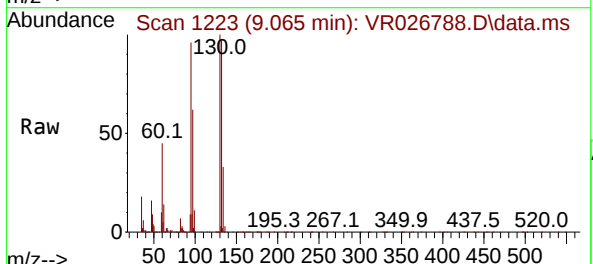
Manual Integrations
APPROVED

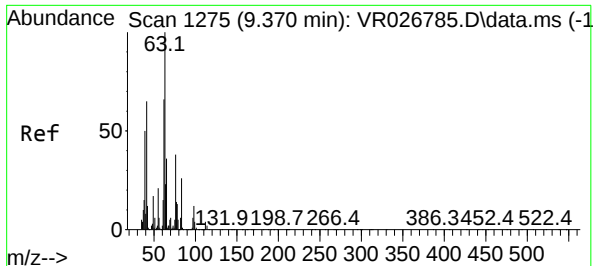
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#44
Trichloroethene
Concen: 47.106 ug/l
RT: 9.065 min Scan# 1223
Delta R.T. -0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

Tgt Ion:130 Resp: 483987
Ion Ratio Lower Upper
130 100
95 96.3 0.0 198.6





#45

1,2-Dichloropropane

Concen: 47.837 ug/l

RT: 9.365 min Scan# 1274

Delta R.T. -0.006 min

Lab File: VR026788.D

Acq: 22 Oct 2025 16:32

Instrument :

MSVOA_R

ClientSampleId :

ICVVR102225

Tgt Ion: 63 Resp: 53778

Ion Ratio Lower Upper

63 100

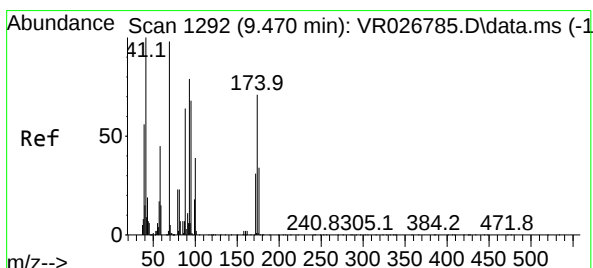
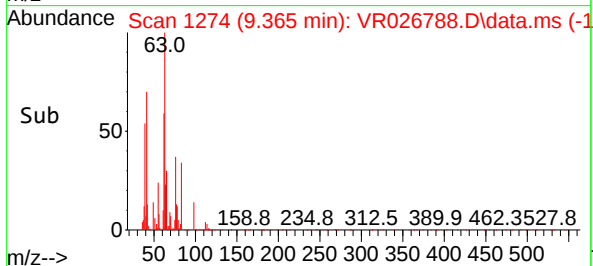
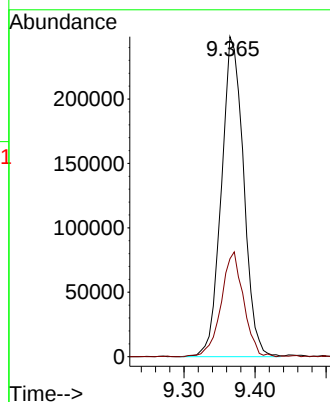
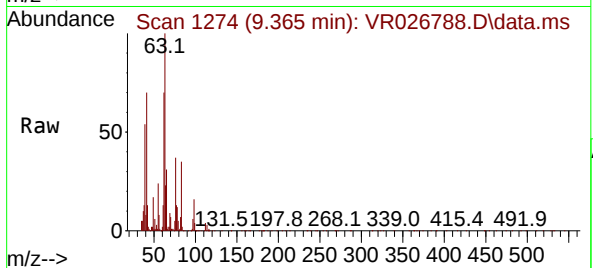
65 30.6 28.6 43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#46

Dibromomethane

Concen: 47.902 ug/l

RT: 9.465 min Scan# 1291

Delta R.T. -0.006 min

Lab File: VR026788.D

Acq: 22 Oct 2025 16:32

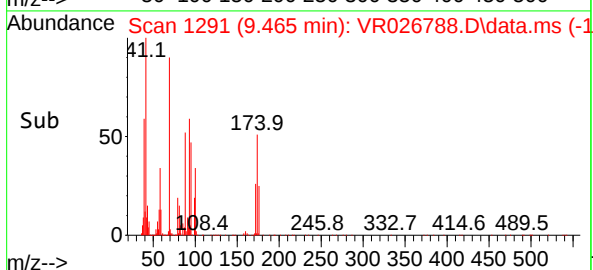
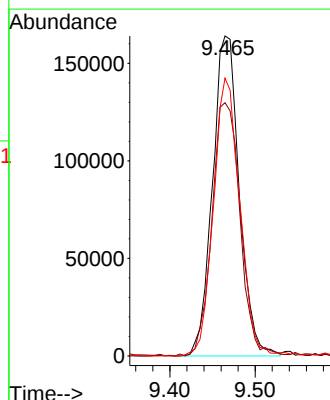
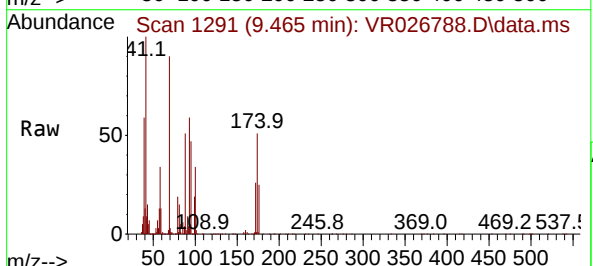
Tgt Ion: 93 Resp: 357418

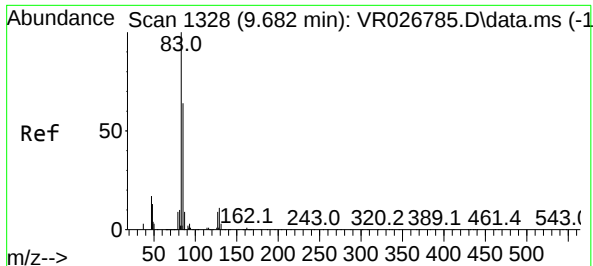
Ion Ratio Lower Upper

93 100

95 82.8 67.0 100.4

174 85.2 71.1 106.7





#47

Bromodichloromethane

Concen: 49.003 ug/l

RT: 9.676 min Scan# 1

Delta R.T. -0.006 min

Lab File: VR026788.D

Acq: 22 Oct 2025 16:32

Instrument :

MSVOA_R

ClientSampleId :

ICVVR102225

Tgt Ion: 83 Resp: 76069

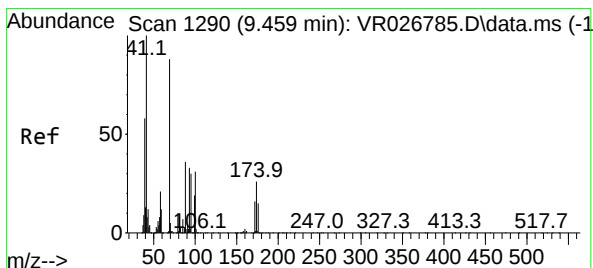
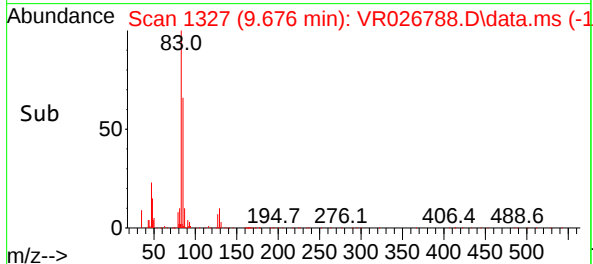
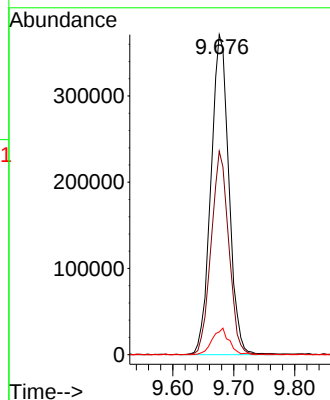
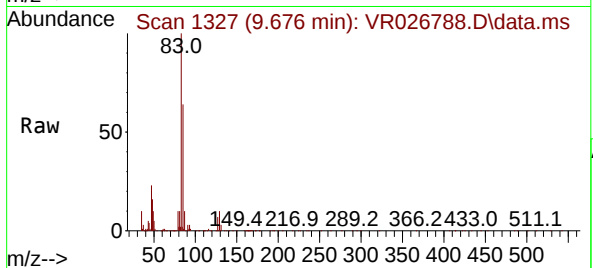
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.0	76.4
127	7.1	6.9	10.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#48

Methyl methacrylate

Concen: 48.915 ug/l

RT: 9.453 min Scan# 1289

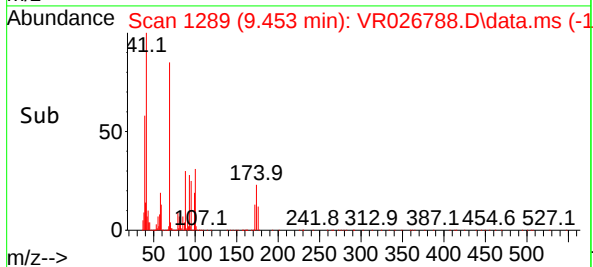
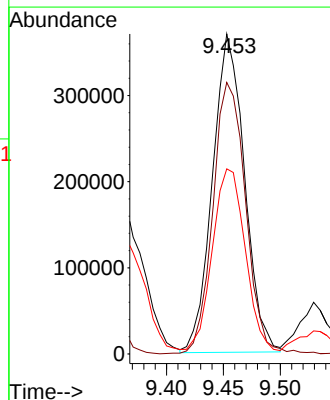
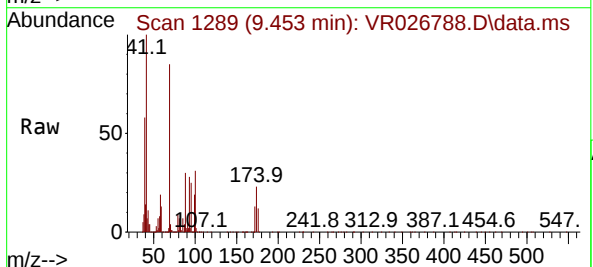
Delta R.T. -0.006 min

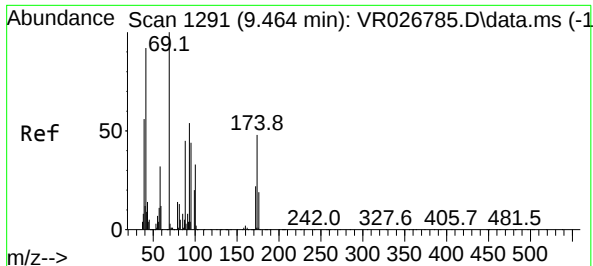
Lab File: VR026788.D

Acq: 22 Oct 2025 16:32

Tgt Ion: 41 Resp: 724674

Ion	Ratio	Lower	Upper
41	100		
69	87.1	70.2	105.4
39	60.5	48.7	73.1





#49

1,4-Dioxane

Concen: 993.604 ug/l

RT: 9.459 min Scan# 1291

Delta R.T. -0.006 min

Lab File: VR026788.D

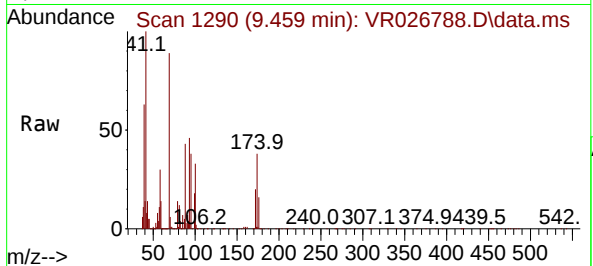
Acq: 22 Oct 2025 16:32

Instrument :

MSVOA_R

ClientSampleId :

ICVVR102225



Tgt Ion: 88 Resp: 323930

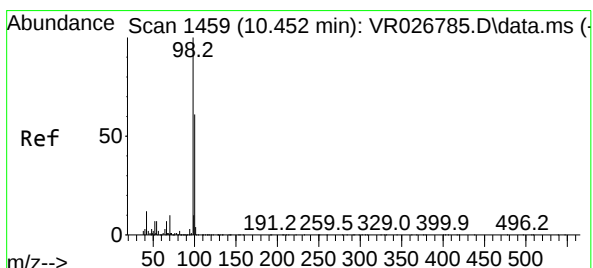
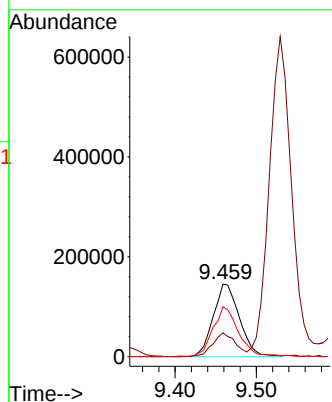
Ion	Ratio	Lower	Upper
88	100		
43	28.4	23.4	35.2
58	67.9	52.7	79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#50

Toluene-d8

Concen: 46.570 ug/l

RT: 10.452 min Scan# 1459

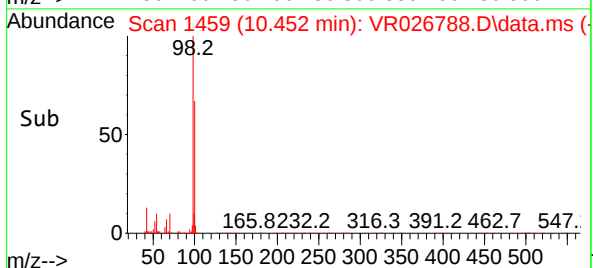
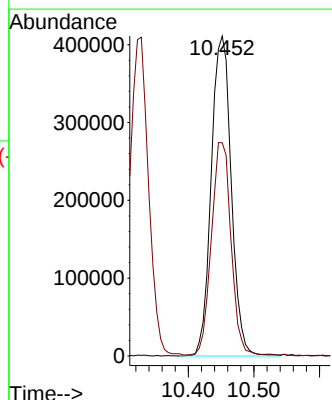
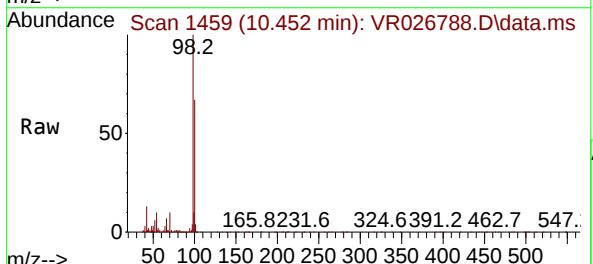
Delta R.T. 0.000 min

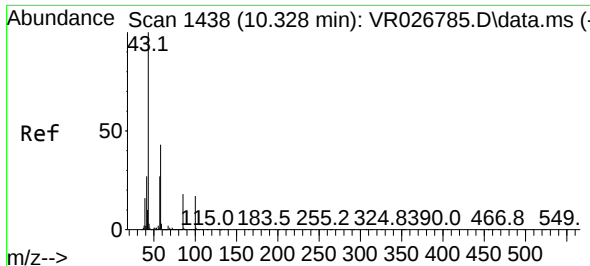
Lab File: VR026788.D

Acq: 22 Oct 2025 16:32

Tgt Ion: 98 Resp: 869214

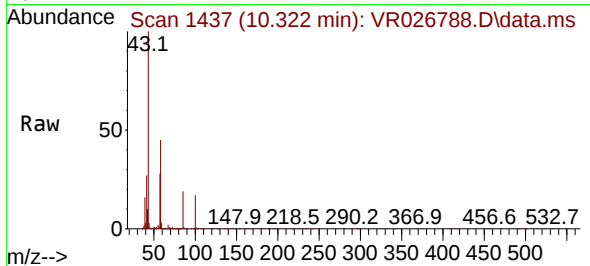
Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 239.592 ug/l
RT: 10.322 min Scan# 1438
Delta R.T. -0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

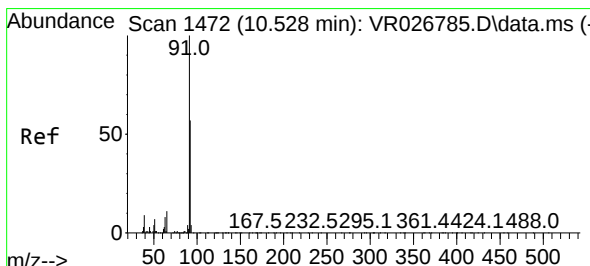
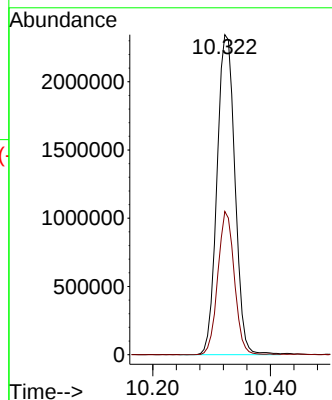
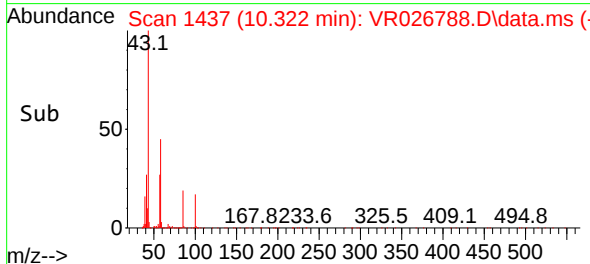
Instrument :
MSVOA_R
ClientSampleId :
ICVVR102225



Tgt Ion: 43 Resp: 495283
Ion Ratio Lower Upper
43 100
58 41.2 33.1 49.7

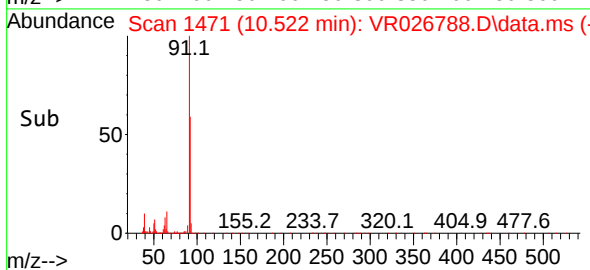
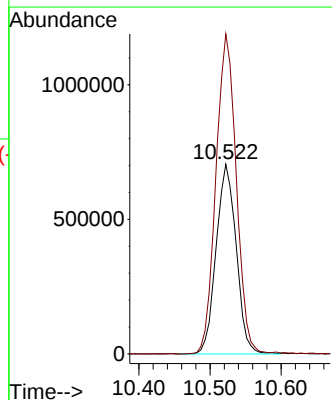
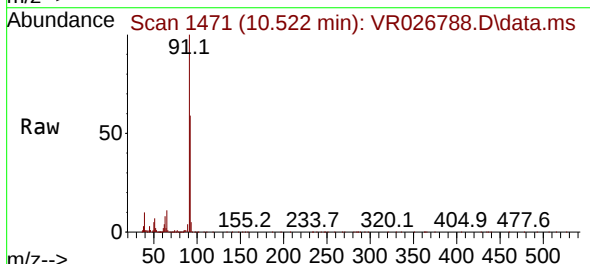
Manual Integrations
APPROVED

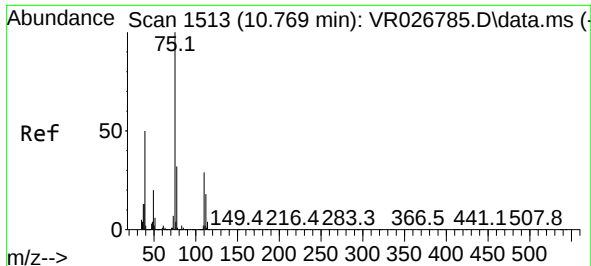
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#52
Toluene
Concen: 47.653 ug/l
RT: 10.522 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

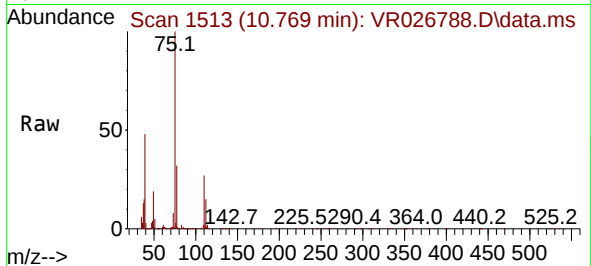
Tgt Ion: 92 Resp: 1382023
Ion Ratio Lower Upper
92 100
91 171.8 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 48.898 ug/l
RT: 10.769 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

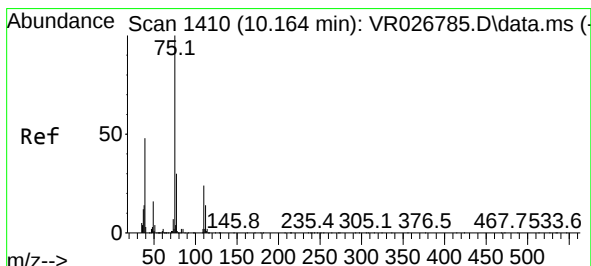
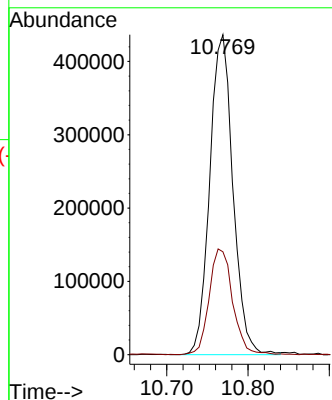
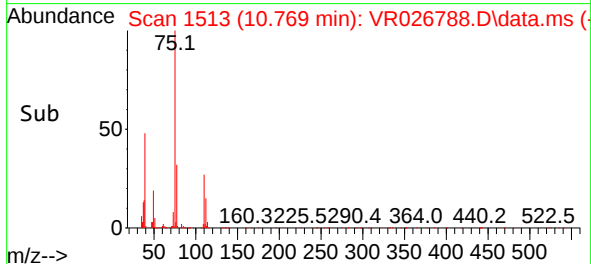
Instrument :
MSVOA_R
ClientSampleId :
ICVVR102225



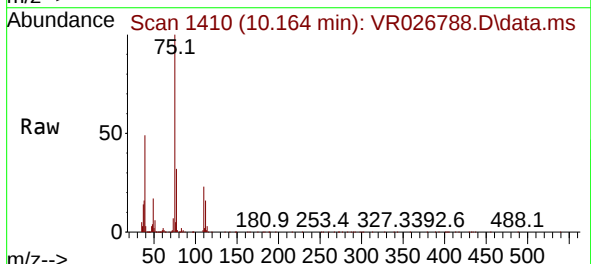
Tgt Ion: 75 Resp: 866130
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2

Manual Integrations
APPROVED

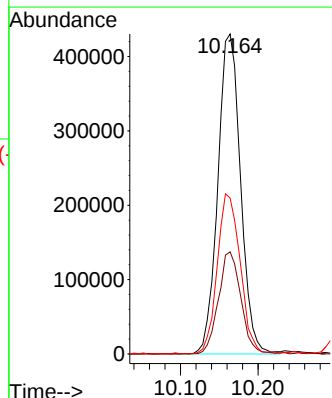
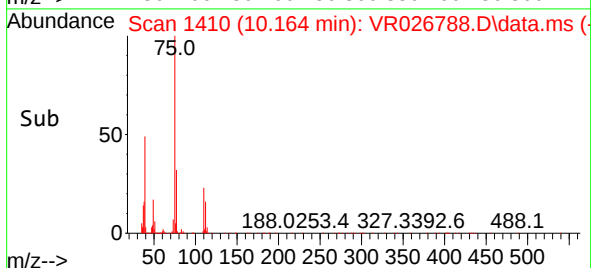
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

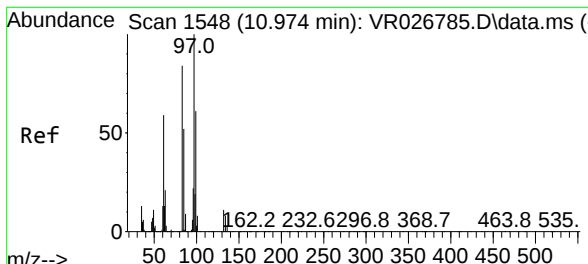


#54
cis-1,3-Dichloropropene
Concen: 47.670 ug/l
RT: 10.164 min Scan# 1410
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32



Tgt Ion: 75 Resp: 878421
Ion Ratio Lower Upper
75 100
77 31.9 23.7 35.5
39 48.6 38.6 58.0





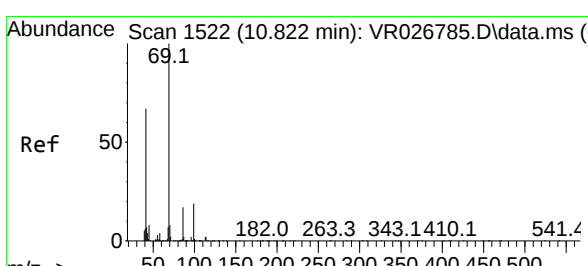
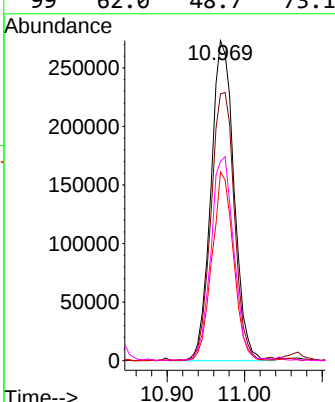
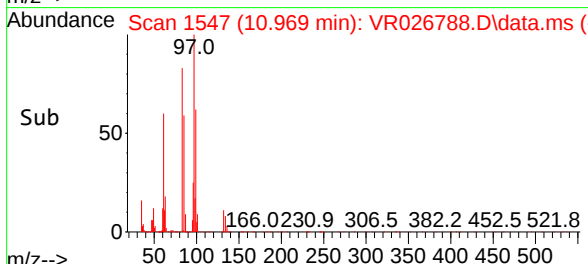
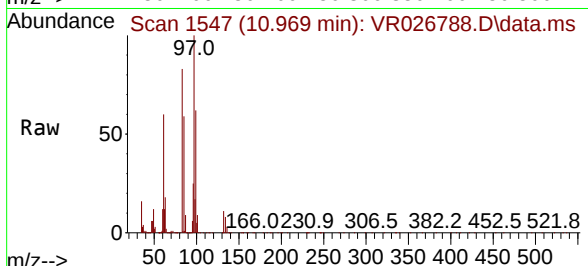
#55
 1,1,2-Trichloroethane
 Concen: 48.323 ug/l
 RT: 10.969 min Scan# 1547
 Delta R.T. -0.006 min
 Lab File: VR026788.D
 Acq: 22 Oct 2025 16:32

Instrument : MSVOA_R
 ClientSampleId : ICVVR102225

Tgt Ion: 97 Resp: 56616

Ion	Ratio	Lower	Upper
97	100		
83	83.2	67.0	100.6
85	59.0	41.8	62.8
99	62.0	48.7	73.1

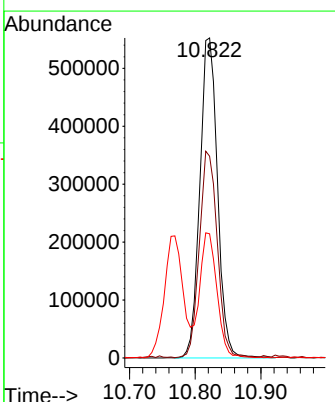
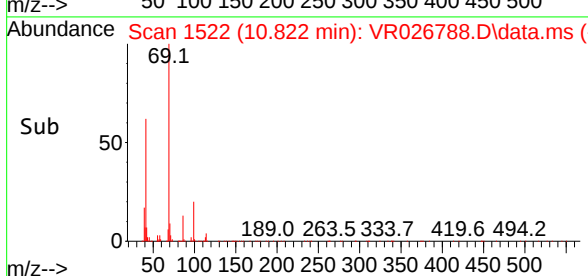
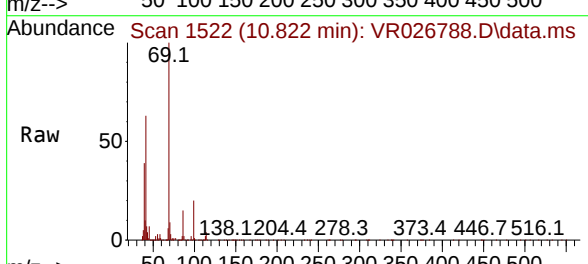
Manual Integrations
APPROVED
 Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025

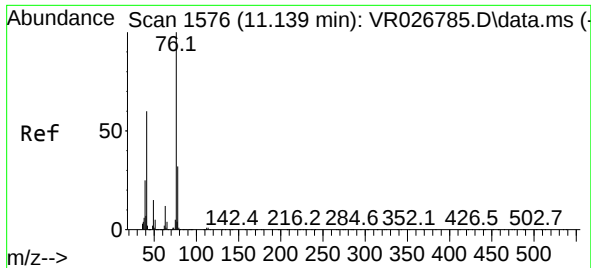


#56
 Ethyl methacrylate
 Concen: 47.764 ug/l
 RT: 10.822 min Scan# 1522
 Delta R.T. 0.000 min
 Lab File: VR026788.D
 Acq: 22 Oct 2025 16:32

Tgt Ion: 69 Resp: 1036072

Ion	Ratio	Lower	Upper
69	100		
41	65.5	52.7	79.1
39	38.4	30.6	46.0





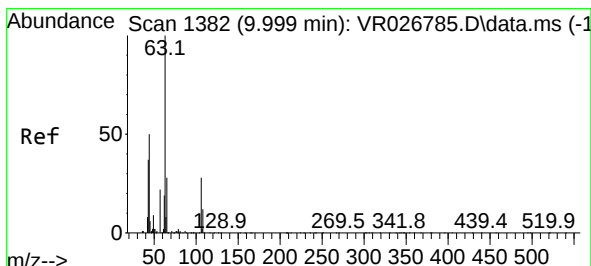
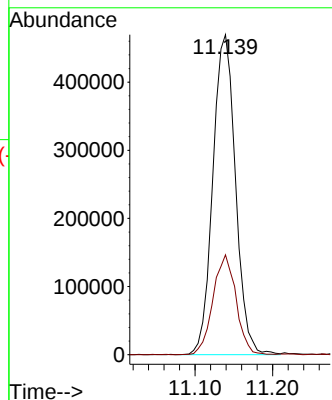
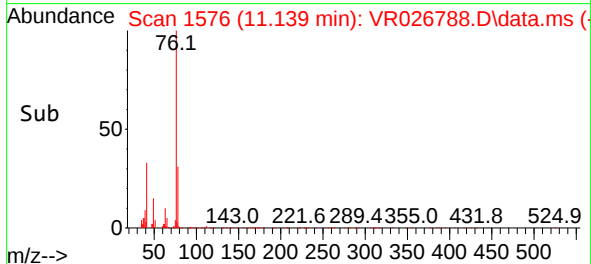
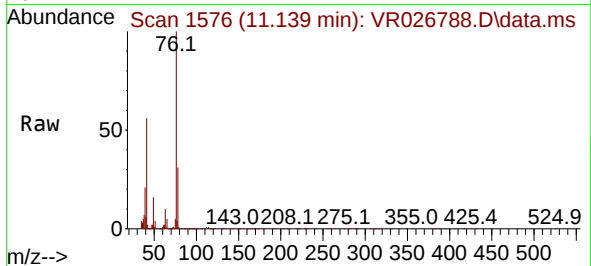
#57
1,3-Dichloropropane
Concen: 48.581 ug/l
RT: 11.139 min Scan# 1576
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

Instrument :
MSVOA_R
ClientSampleId :
ICVVR102225

Tgt Ion: 76 Resp: 95468
Ion Ratio Lower Upper
76 100
78 31.7 26.7 40.1

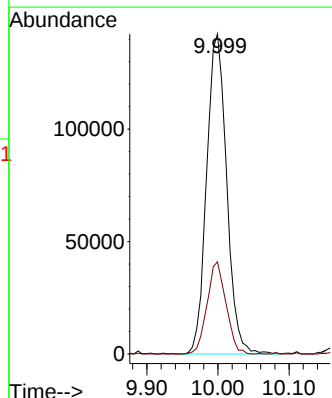
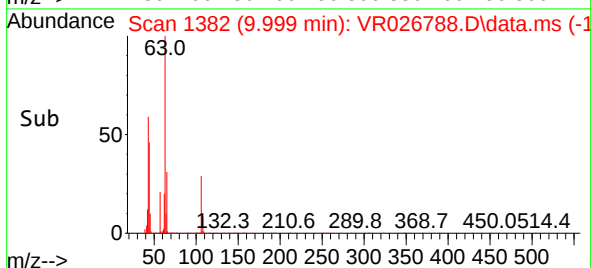
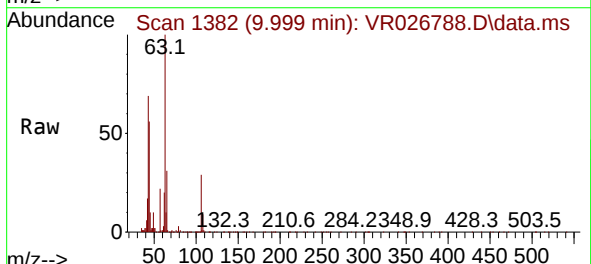
Manual Integrations
APPROVED

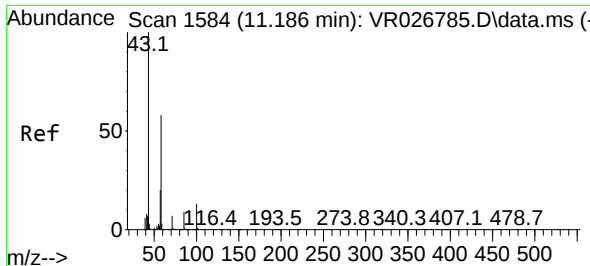
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#58
2-Chloroethyl Vinyl ether
Concen: 238.239 ug/l
RT: 9.999 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

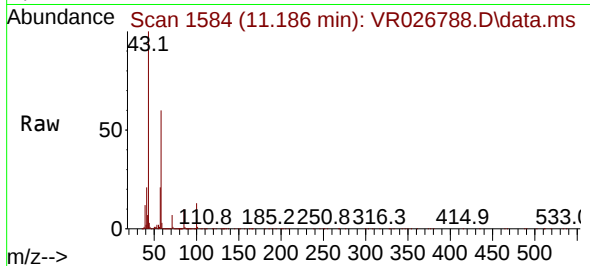
Tgt Ion: 63 Resp: 278648
Ion Ratio Lower Upper
63 100
106 27.1 23.0 34.4





#59
2-Hexanone
Concen: 232.682 ug/l
RT: 11.186 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

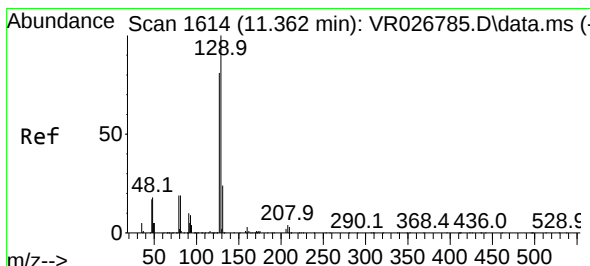
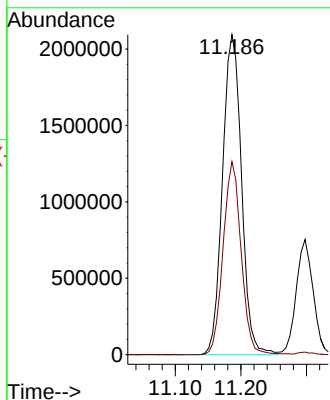
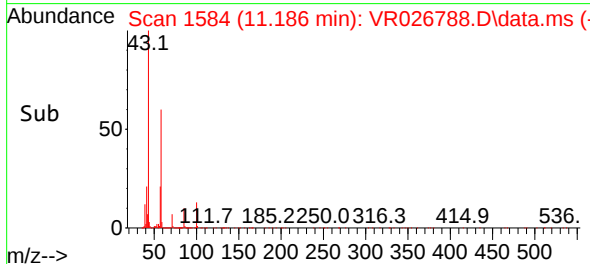
Instrument :
MSVOA_R
ClientSampleId :
ICVVR102225



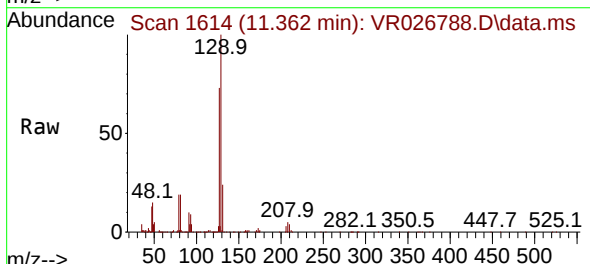
Tgt Ion: 43 Resp: 4206384
Ion Ratio Lower Upper
43 100
58 57.3 28.4 85.2

Manual Integrations
APPROVED

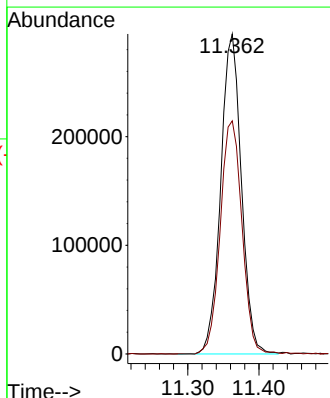
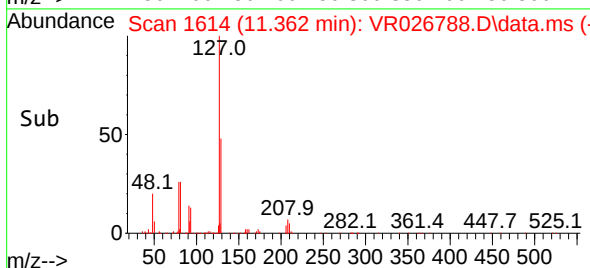
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

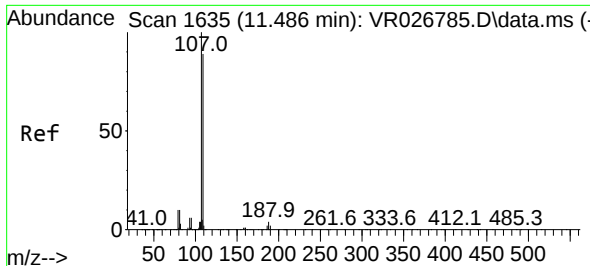


#60
Dibromochloromethane
Concen: 49.440 ug/l
RT: 11.362 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32



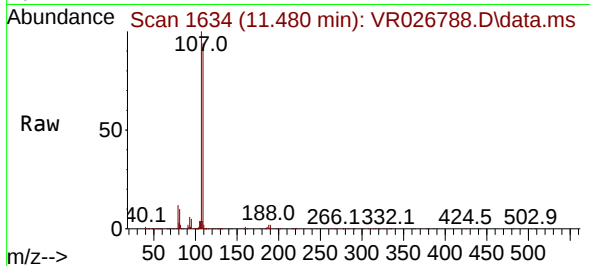
Tgt Ion:129 Resp: 592245
Ion Ratio Lower Upper
129 100
127 76.7 39.5 118.3





#61
1,2-Dibromoethane
Concen: 46.320 ug/l
RT: 11.480 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

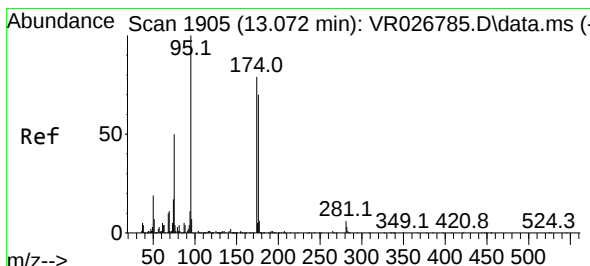
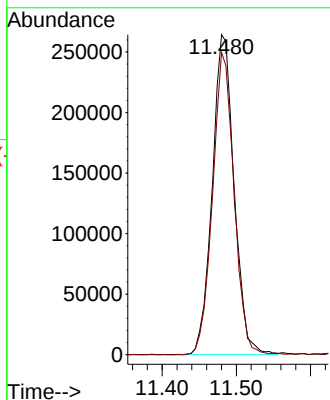
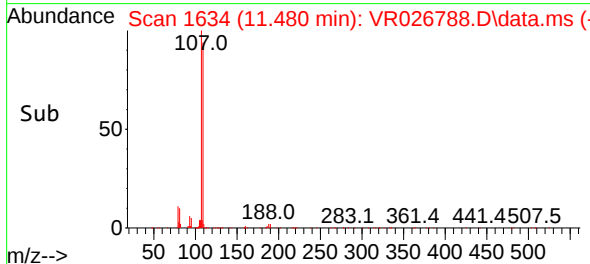
Instrument :
MSVOA_R
ClientSampleId :
ICVVR102225



Tgt Ion:107 Resp: 53986
Ion Ratio Lower Upper
107 100
109 92.9 73.9 110.9

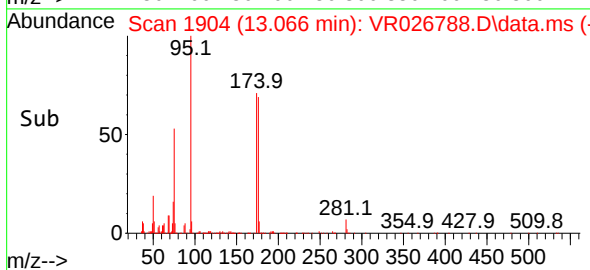
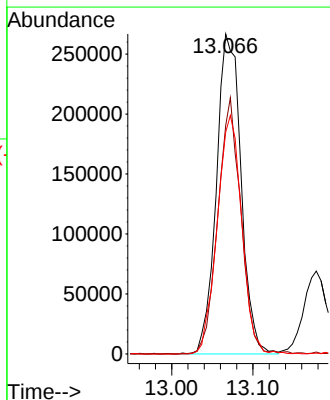
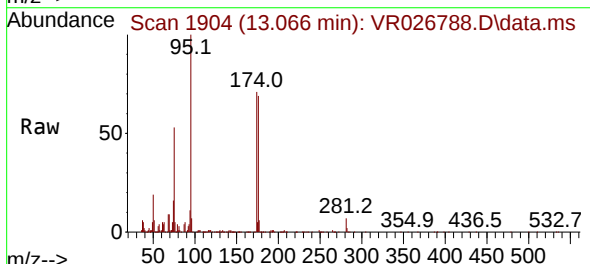
Manual Integrations
APPROVED

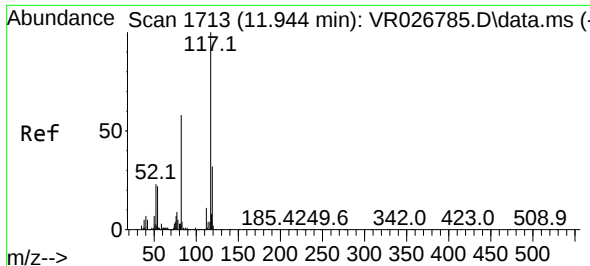
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#62
4-Bromofluorobenzene
Concen: 45.723 ug/l
RT: 13.066 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

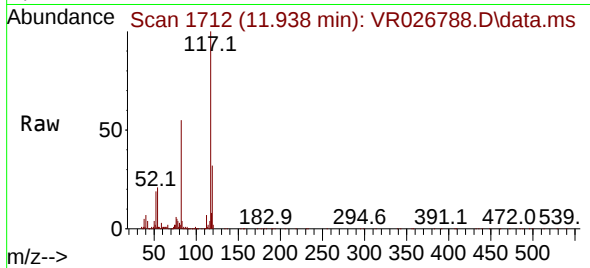
Tgt Ion: 95 Resp: 561928
Ion Ratio Lower Upper
95 100
174 74.9 0.0 150.0
176 74.3 0.0 149.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.938 min Scan# 1712
Delta R.T. -0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

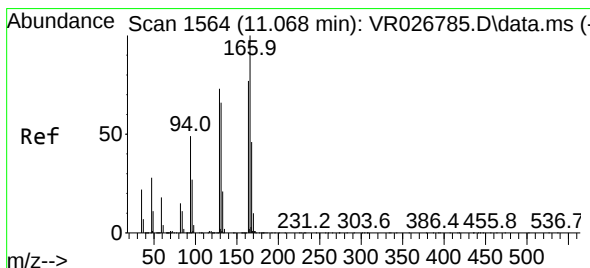
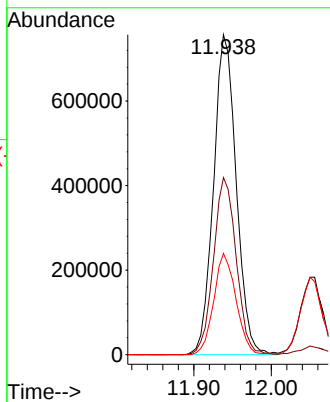
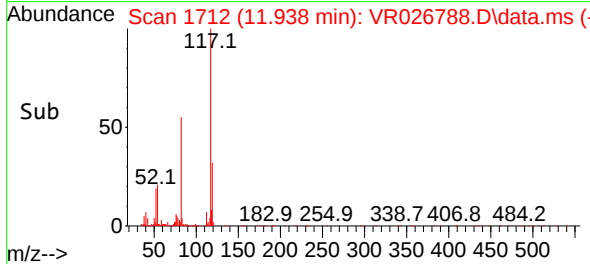
Instrument :
MSVOA_R
ClientSampleId :
ICVVR102225



Tgt Ion:117 Resp: 154122
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.2
119 31.6 25.4 38.2

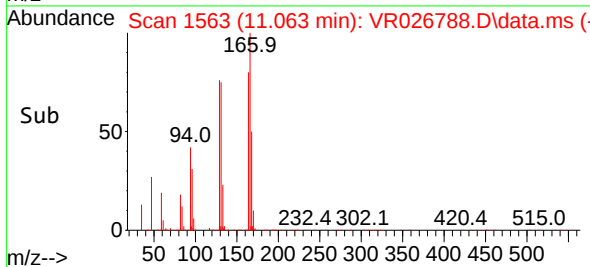
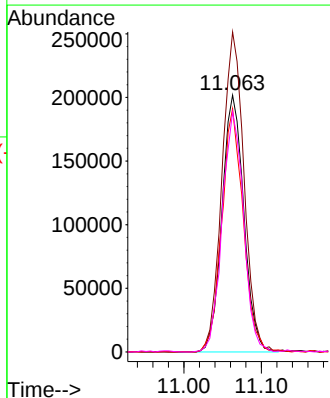
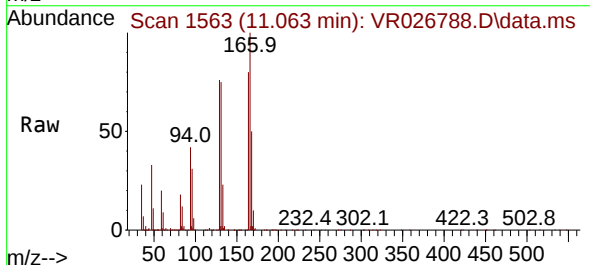
Manual Integrations
APPROVED

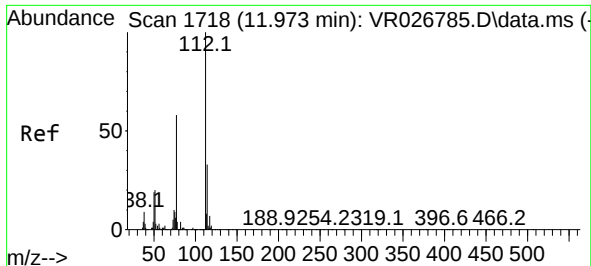
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#64
Tetrachloroethene
Concen: 48.764 ug/l
RT: 11.063 min Scan# 1563
Delta R.T. -0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

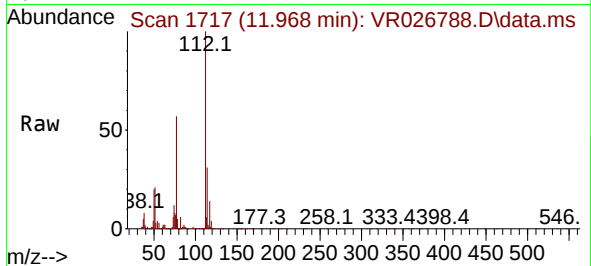
Tgt Ion:164 Resp: 394713
Ion Ratio Lower Upper
164 100
166 124.6 103.8 155.8
129 94.7 76.0 114.0
131 93.3 68.2 102.4





#65
Chlorobenzene
Concen: 48.152 ug/l
RT: 11.968 min Scan# 1717
Delta R.T. -0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

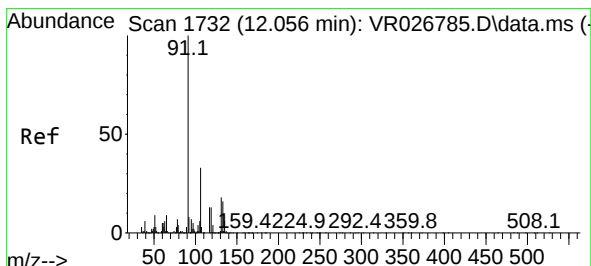
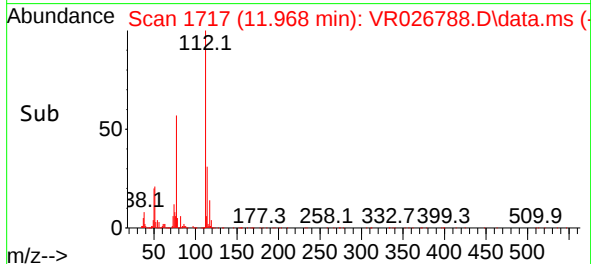
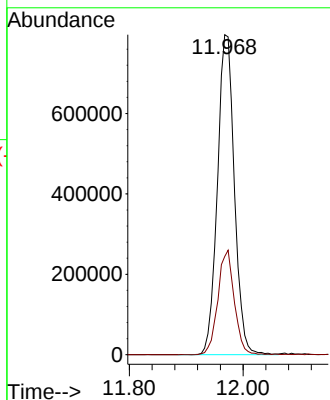
Instrument : MSVOA_R
ClientSampleId : ICVVR102225



Tgt Ion:112 Resp: 1651309
Ion Ratio Lower Upper
112 100
114 30.7 26.2 39.2

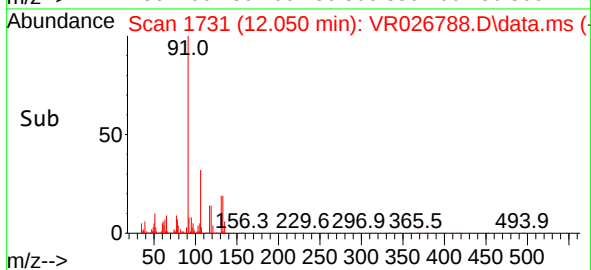
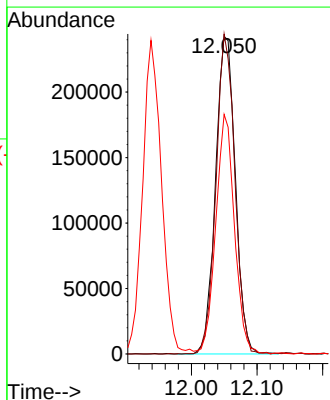
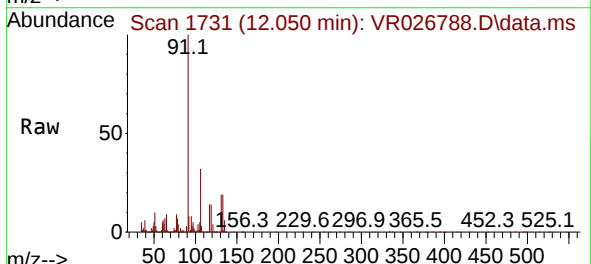
Manual Integrations
APPROVED

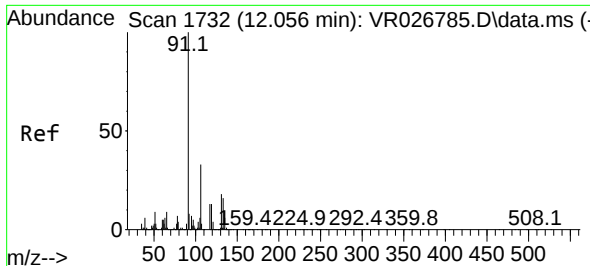
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 47.803 ug/l
RT: 12.050 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

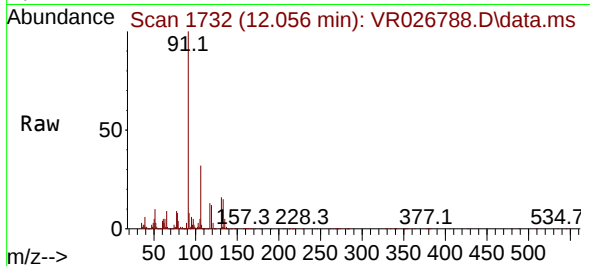
Tgt Ion:131 Resp: 505538
Ion Ratio Lower Upper
131 100
133 96.5 47.3 141.9
119 71.6 33.9 101.7





#67
Ethyl Benzene
Concen: 48.782 ug/l
RT: 12.056 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

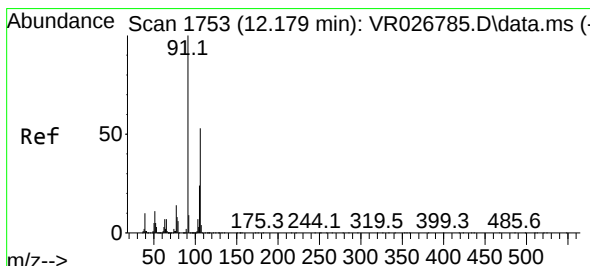
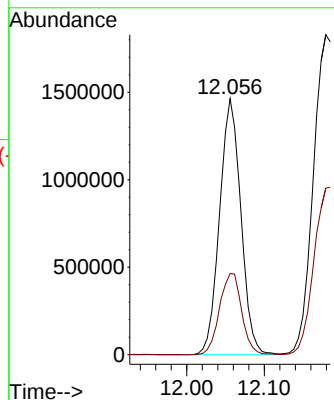
Instrument :
MSVOA_R
ClientSampleId :
ICVVR102225



Tgt Ion: 91 Resp: 2799800
Ion Ratio Lower Upper
91 100
106 31.7 26.8 40.2

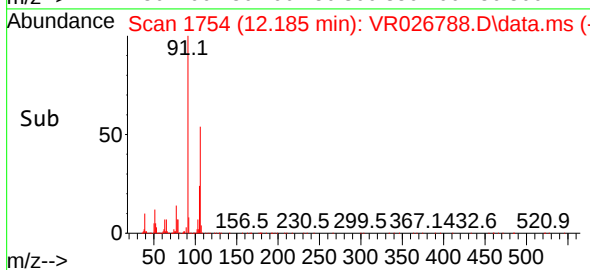
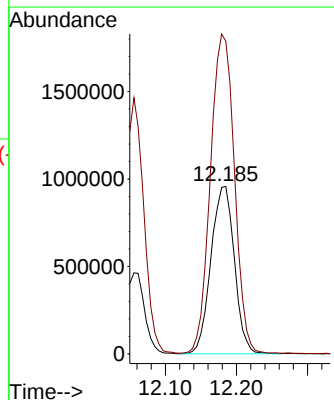
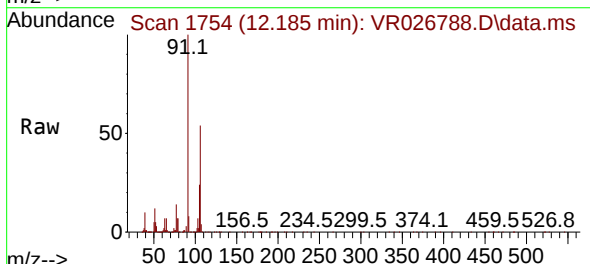
Manual Integrations
APPROVED

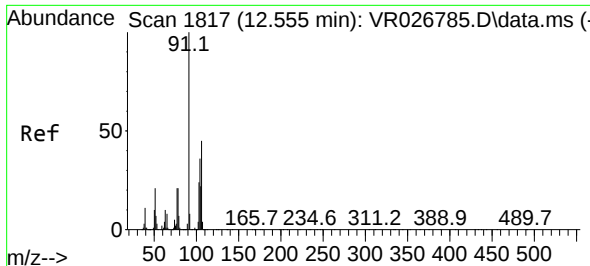
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#68
m/p-Xylenes
Concen: 97.138 ug/l
RT: 12.185 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

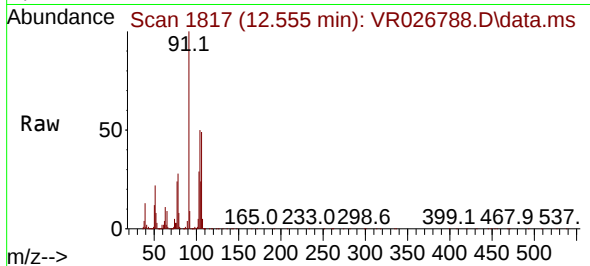
Tgt Ion:106 Resp: 2188060
Ion Ratio Lower Upper
106 100
91 195.5 153.7 230.5





#69
o-Xylene
Concen: 49.678 ug/l
RT: 12.555 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

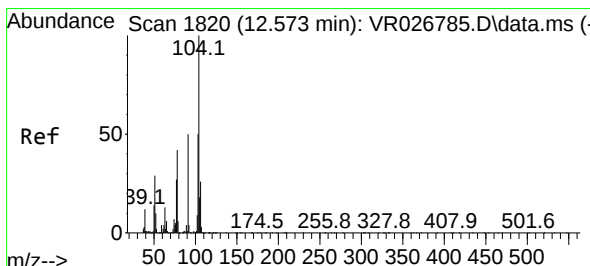
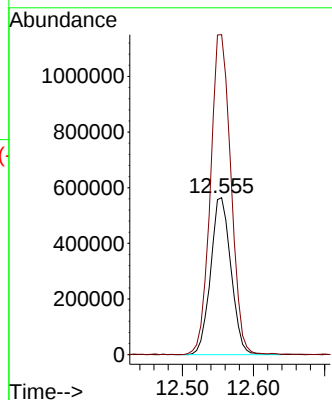
Instrument : MSVOA_R
ClientSampleId : ICVVR102225



Tgt Ion:106 Resp: 1121344
Ion Ratio Lower Upper
106 100
91 204.5 104.0 312.0

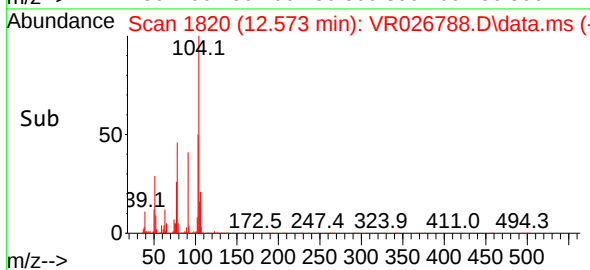
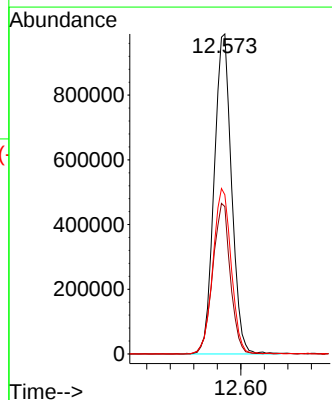
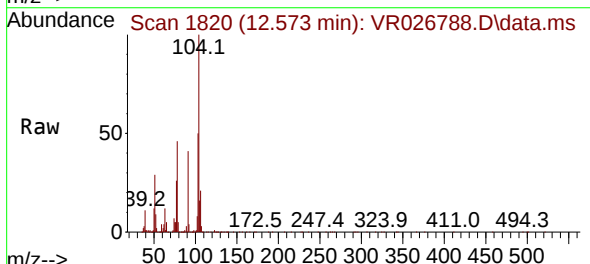
Manual Integrations
APPROVED

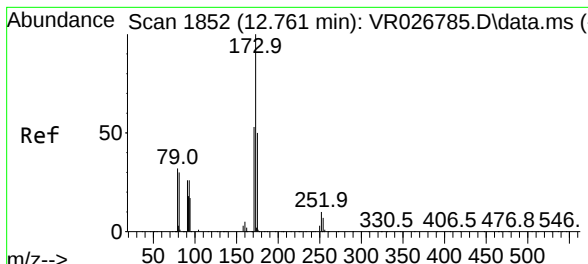
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#70
Styrene
Concen: 49.238 ug/l
RT: 12.573 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

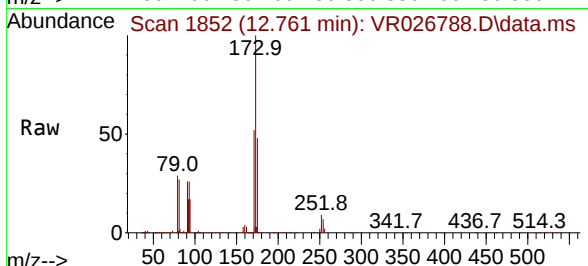
Tgt Ion:104 Resp: 2033208
Ion Ratio Lower Upper
104 100
78 47.6 38.0 57.0
103 54.1 43.2 64.8





#71
Bromoform
Concen: 48.309 ug/l
RT: 12.761 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

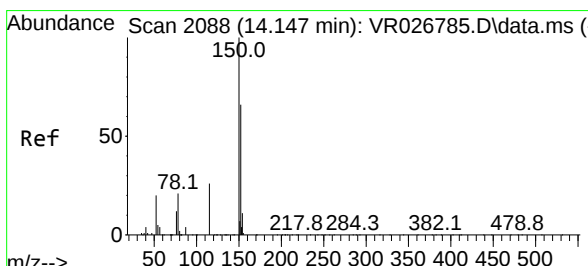
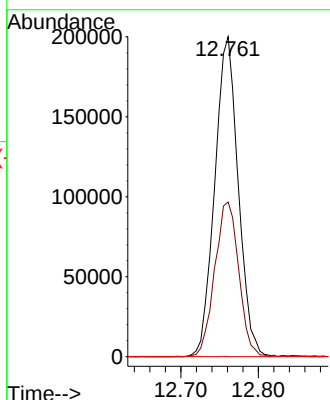
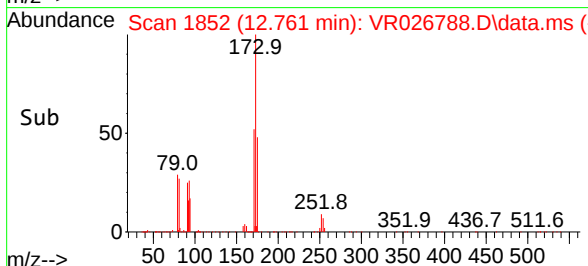
Instrument :
MSVOA_R
ClientSampleId :
ICVVR102225



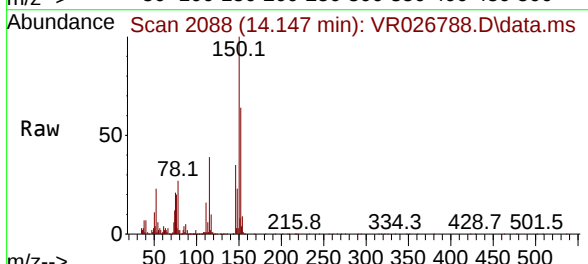
Tgt Ion:173 Resp: 421762
Ion Ratio Lower Upper
173 100
175 49.4 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

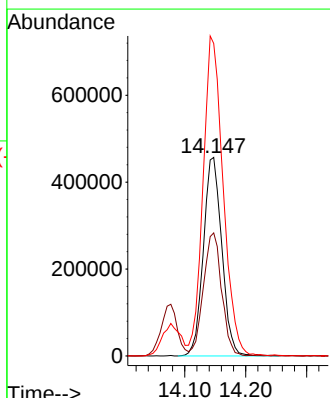
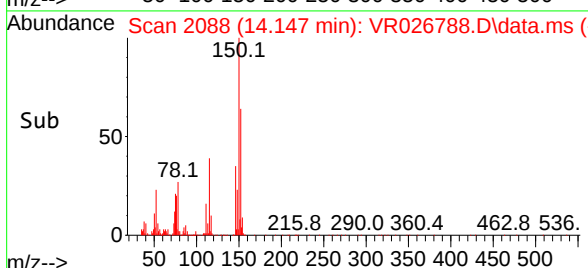
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

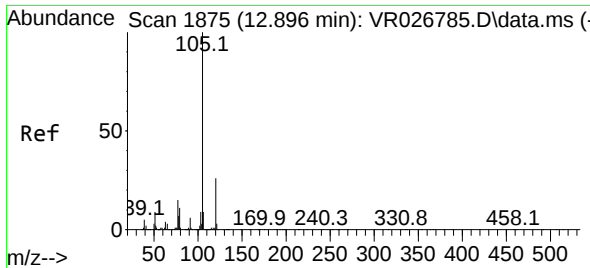


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.147 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32



Tgt Ion:152 Resp: 962524
Ion Ratio Lower Upper
152 100
115 61.4 29.9 89.7
150 175.0 0.0 340.0





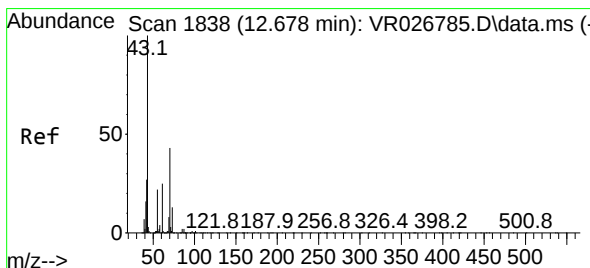
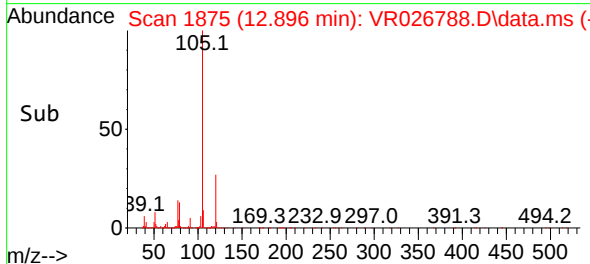
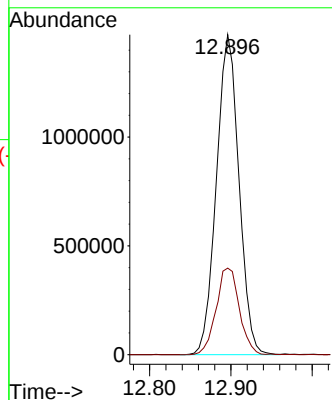
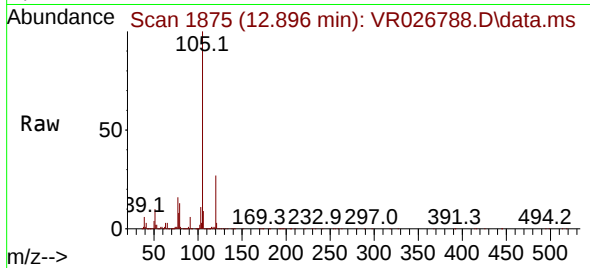
#73
Isopropylbenzene
Concen: 50.419 ug/l
RT: 12.896 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

Instrument :
MSVOA_R
ClientSampleId :
ICVVR102225

Tgt Ion:105 Resp: 283504
Ion Ratio Lower Upper
105 100
120 27.9 13.6 40.8

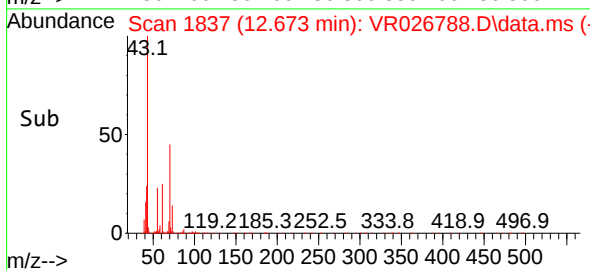
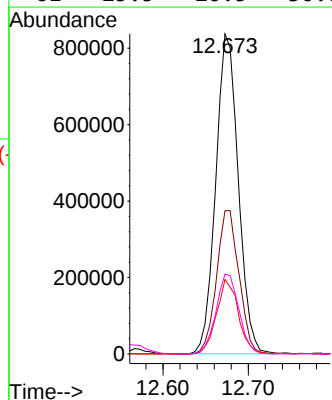
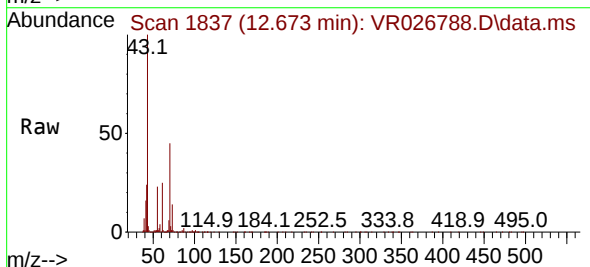
Manual Integrations
APPROVED

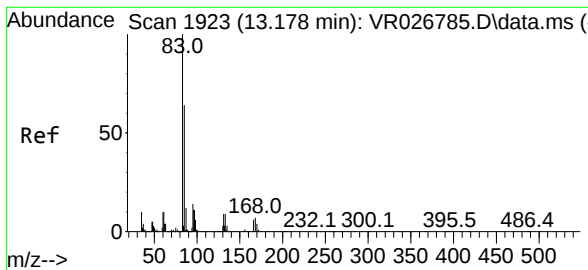
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#74
N-ethyl acetate
Concen: 49.107 ug/l
RT: 12.673 min Scan# 1837
Delta R.T. -0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

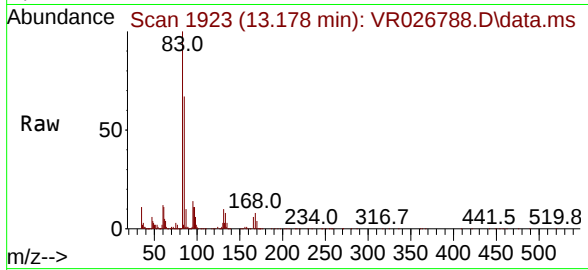
Tgt Ion: 43 Resp: 1539368
Ion Ratio Lower Upper
43 100
70 44.7 35.2 52.8
55 22.7 17.8 26.6
61 25.5 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 51.909 ug/l
RT: 13.178 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

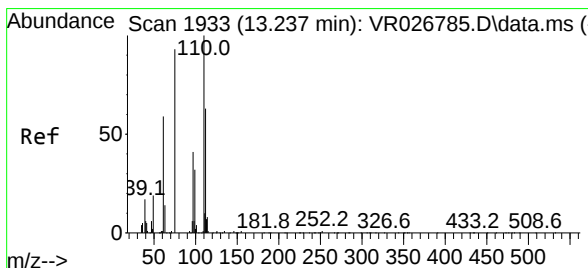
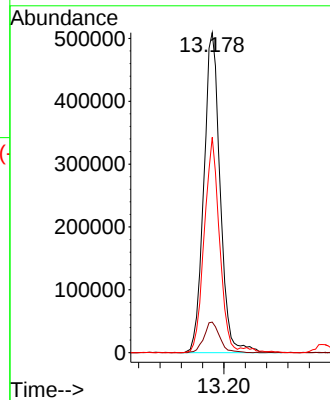
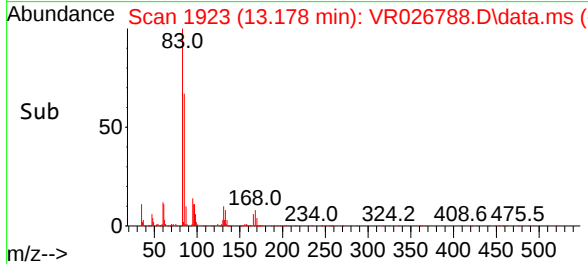
Instrument :
MSVOA_R
ClientSampleId :
ICVVR102225



Tgt Ion: 83 Resp: 1079560
Ion Ratio Lower Upper
83 100
131 9.3 4.4 13.2
85 62.5 32.4 97.0

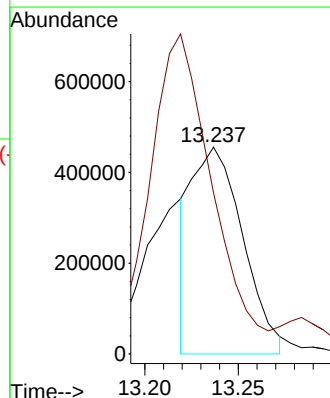
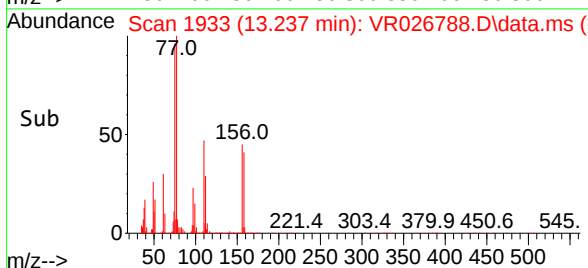
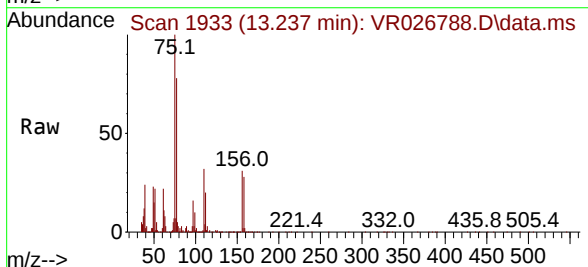
Manual Integrations
APPROVED

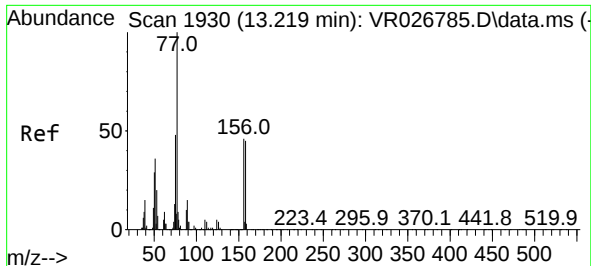
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#76
1,2,3-Trichloropropane
Concen: 49.887 ug/l m
RT: 13.237 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

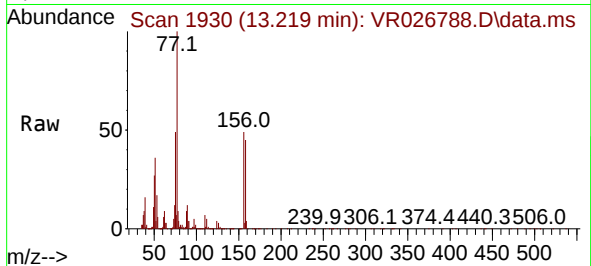
Tgt Ion: 75 Resp: 868640
Ion Ratio Lower Upper
75 100
77 189.2 87.9 263.7





#77
Bromobenzene
Concen: 50.643 ug/l
RT: 13.219 min Scan# 1930
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

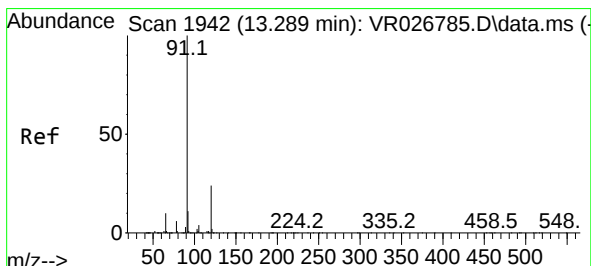
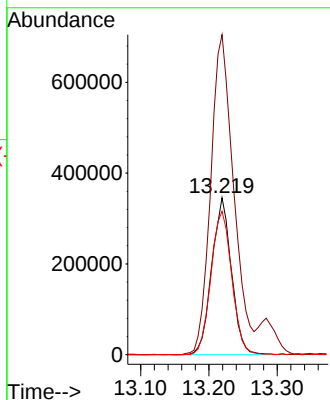
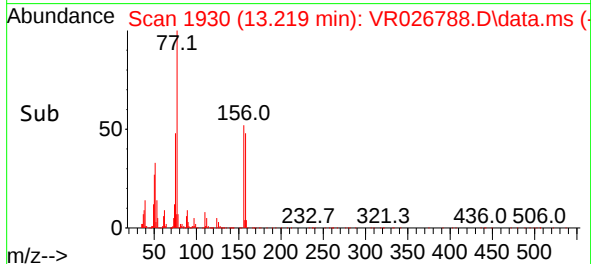
Instrument :
MSVOA_R
ClientSampleId :
ICVVR102225



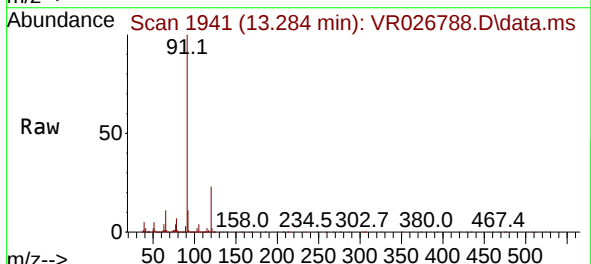
Tgt Ion:156 Resp: 69525
Ion Ratio Lower Upper
156 100
77 236.4 120.5 361.5
158 96.4 49.6 148.8

Manual Integrations
APPROVED

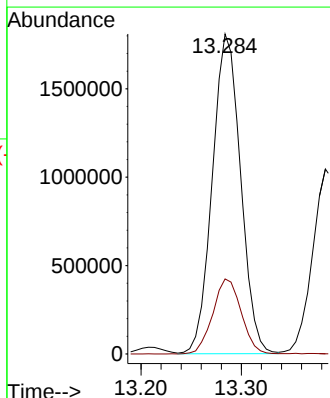
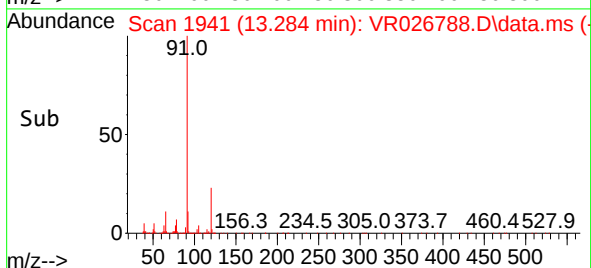
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

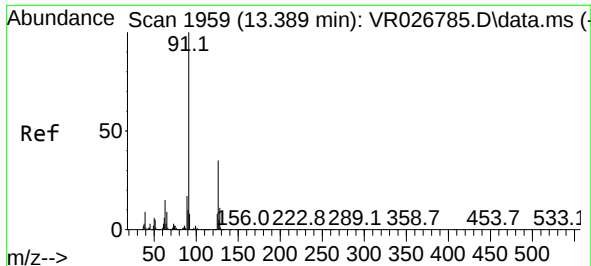


#78
n-propylbenzene
Concen: 50.974 ug/l
RT: 13.284 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32



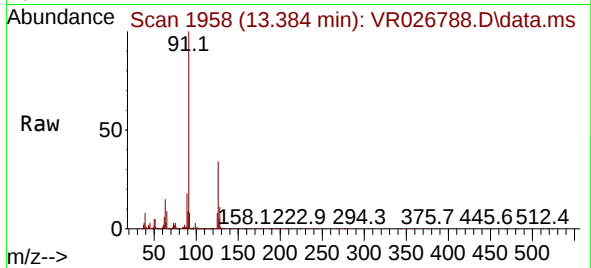
Tgt Ion: 91 Resp: 3537326
Ion Ratio Lower Upper
91 100
120 23.5 11.7 35.1





#79
2-Chlorotoluene
Concen: 50.761 ug/l
RT: 13.384 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

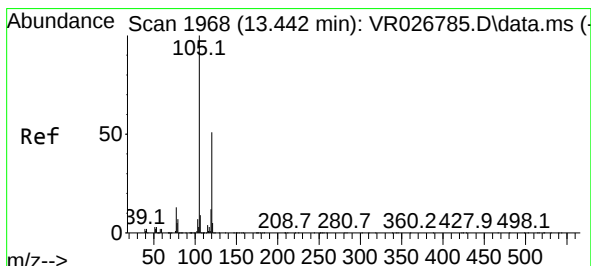
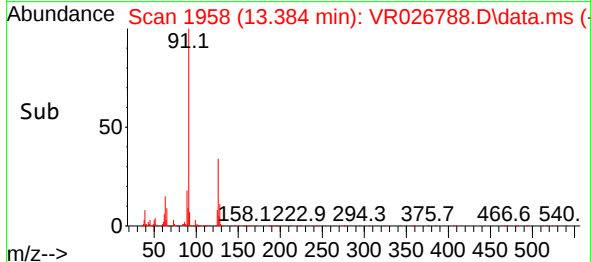
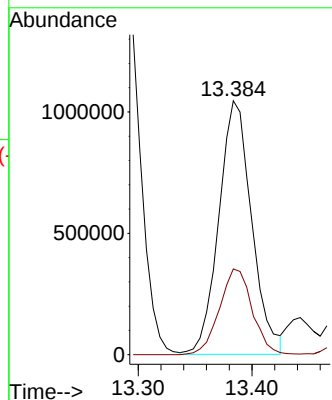
Instrument :
MSVOA_R
ClientSampleId :
ICVVR102225



Tgt Ion: 91 Resp: 2102258
Ion Ratio Lower Upper
91 100
126 33.7 17.2 51.5

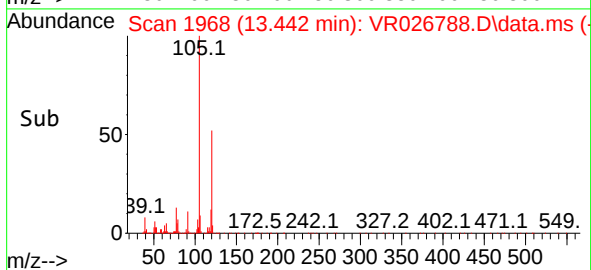
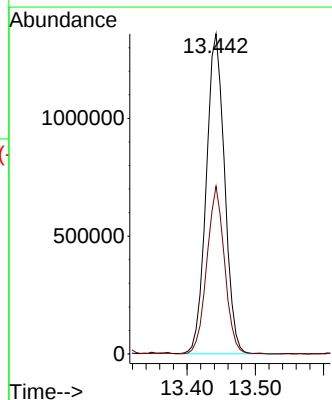
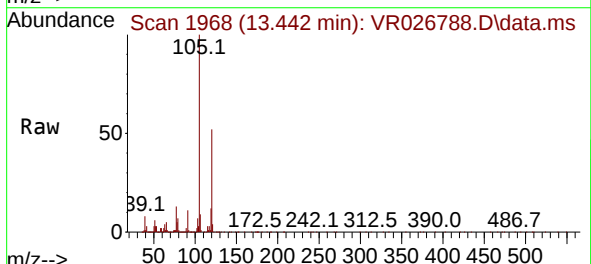
Manual Integrations
APPROVED

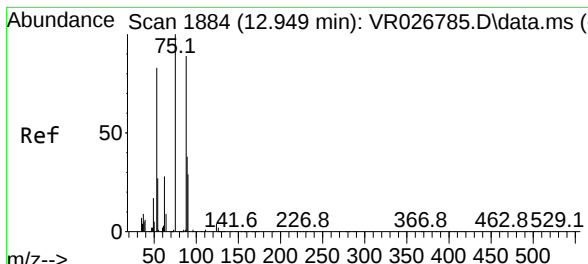
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.496 ug/l
RT: 13.442 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

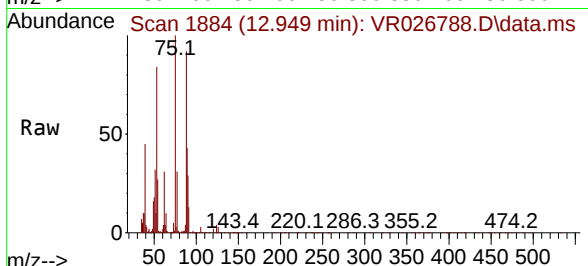
Tgt Ion:105 Resp: 2541706
Ion Ratio Lower Upper
105 100
120 50.8 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 51.193 ug/l
RT: 12.949 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

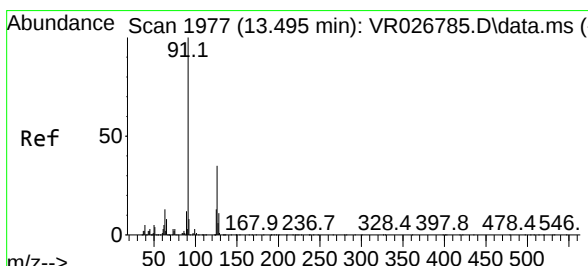
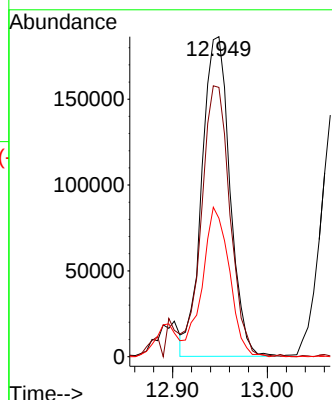
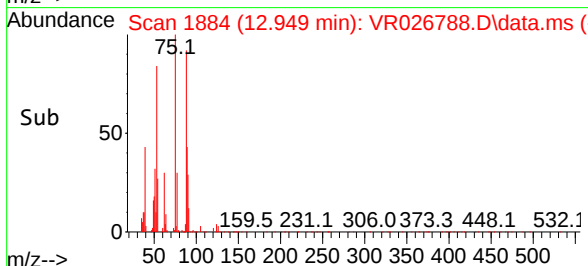
Instrument : MSVOA_R
ClientSampleId : ICVVR102225



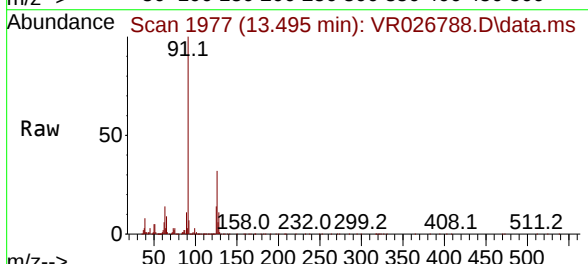
Tgt Ion: 75 Resp: 38202
Ion Ratio Lower Upper
75 100
53 85.7 72.6 109.0
89 45.6 36.2 54.2

Manual Integrations
APPROVED

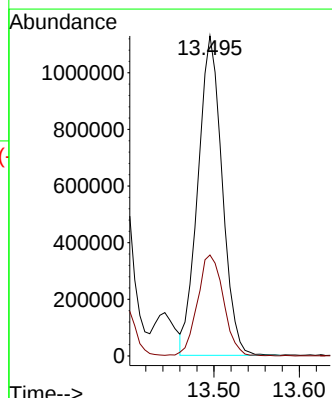
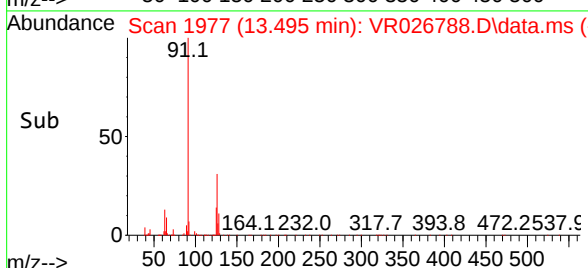
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

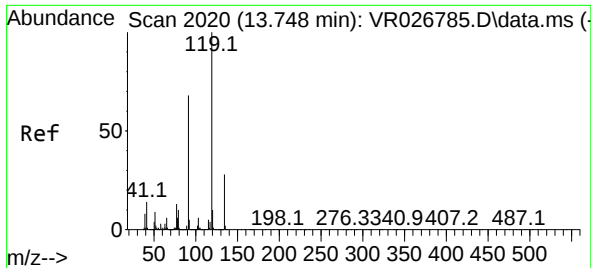


#82
4-Chlorotoluene
Concen: 51.207 ug/l
RT: 13.495 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32



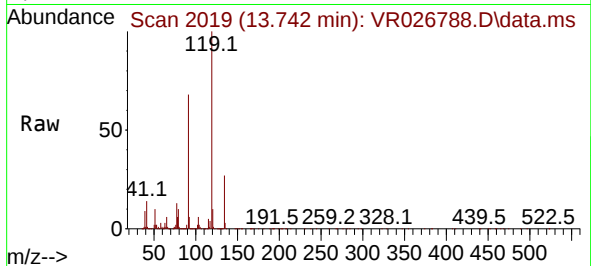
Tgt Ion: 91 Resp: 2226043
Ion Ratio Lower Upper
91 100
126 33.8 17.2 51.5





#83
tert-Butylbenzene
Concen: 48.782 ug/l
RT: 13.742 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

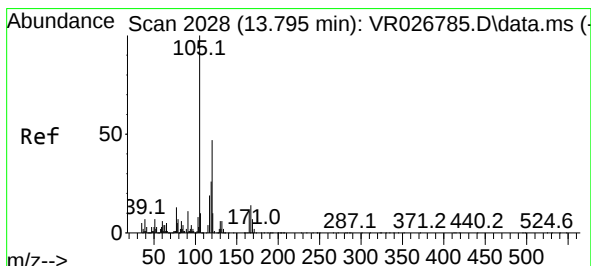
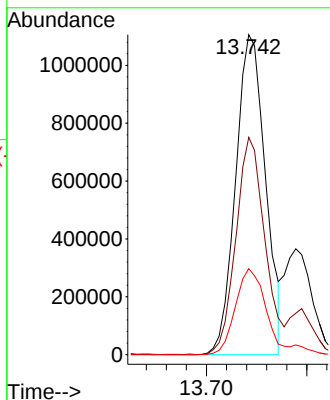
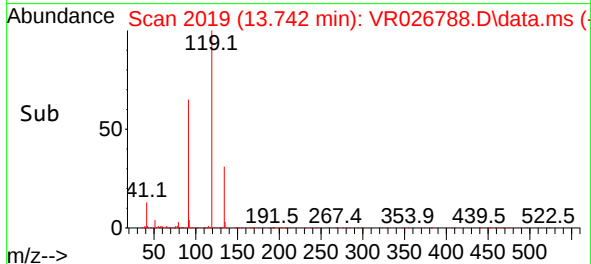
Instrument : MSVOA_R
ClientSampleId : ICVVR102225



Tgt Ion:119 Resp: 2284360
Ion Ratio Lower Upper
119 100
91 66.2 32.0 96.0
134 28.9 13.9 41.6

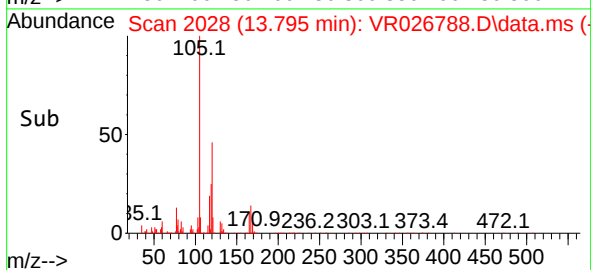
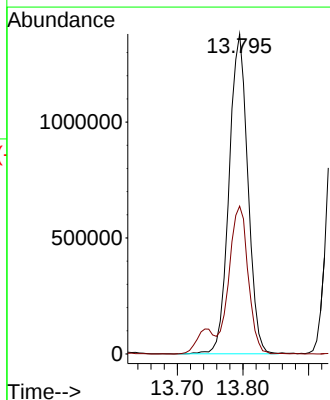
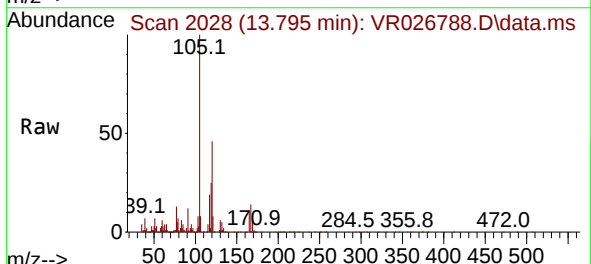
Manual Integrations
APPROVED

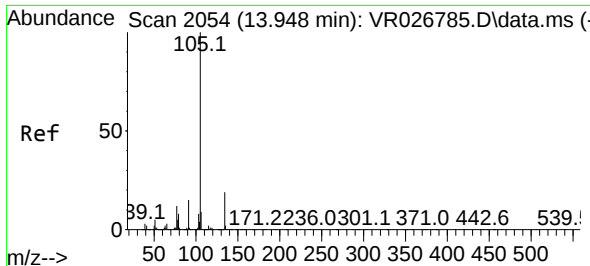
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#84
1,2,4-Trimethylbenzene
Concen: 50.932 ug/l
RT: 13.795 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

Tgt Ion:105 Resp: 2729443
Ion Ratio Lower Upper
105 100
120 46.8 23.6 71.0





#85
 sec-Butylbenzene
 Concen: 51.741 ug/l
 RT: 13.948 min Scan# 2054
 Delta R.T. 0.000 min
 Lab File: VR026788.D
 Acq: 22 Oct 2025 16:32

Instrument :

MSVOA_R

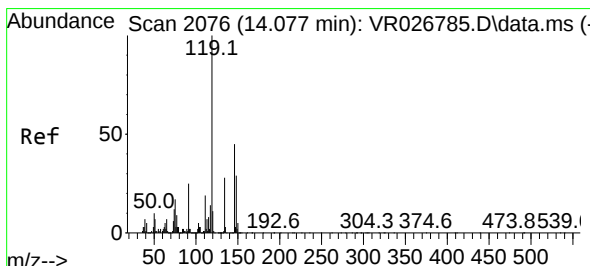
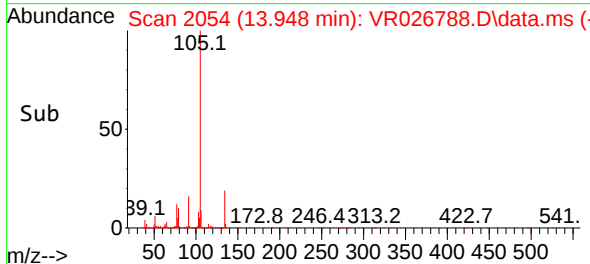
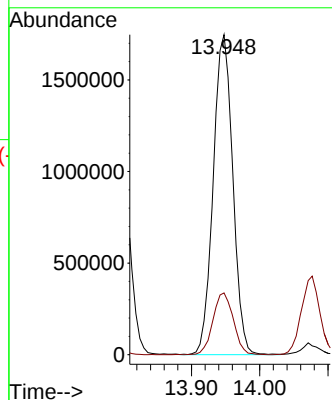
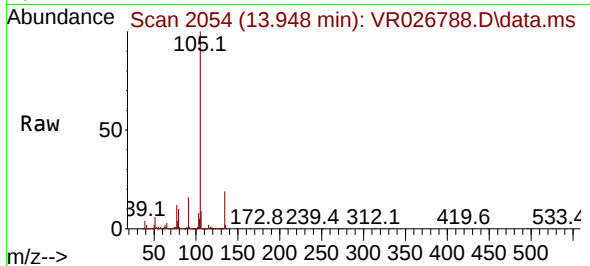
ClientSampleId :

ICVVR102225

Tgt Ion:105 Resp: 349052
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.3

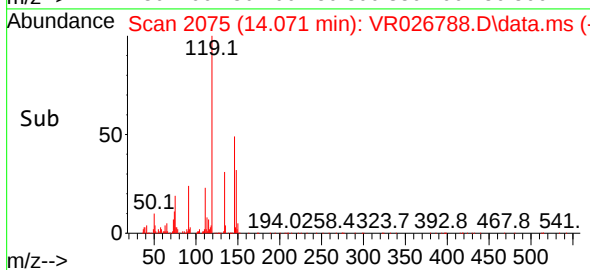
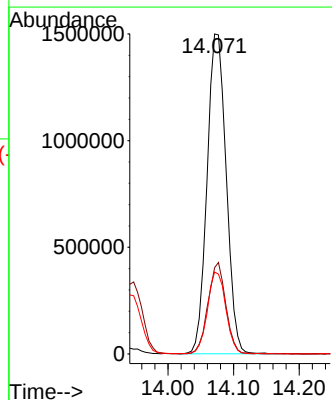
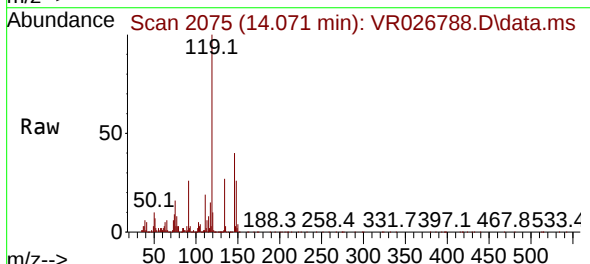
Manual Integrations
 APPROVED

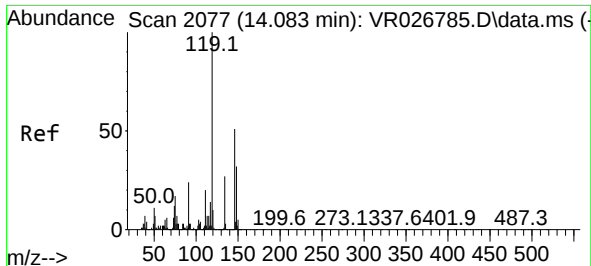
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#86
 p-Isopropyltoluene
 Concen: 51.899 ug/l
 RT: 14.071 min Scan# 2075
 Delta R.T. -0.006 min
 Lab File: VR026788.D
 Acq: 22 Oct 2025 16:32

Tgt Ion:119 Resp: 3037478
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.8 41.3
 91 24.6 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 49.353 ug/l

RT: 14.077 min Scan# 2077

Delta R.T. -0.006 min

Lab File: VR026788.D

Acq: 22 Oct 2025 16:32

Instrument :

MSVOA_R

ClientSampleId :

ICVVR102225

Tgt Ion:146 Resp: 1541238

Ion Ratio Lower Upper

146 100

111 41.3 20.3 60.8

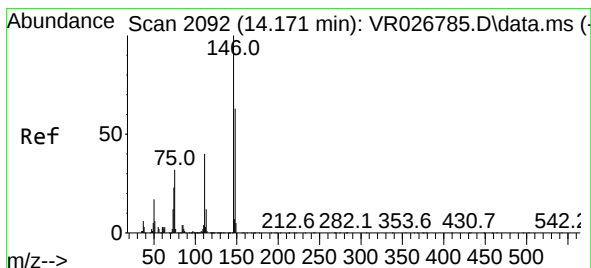
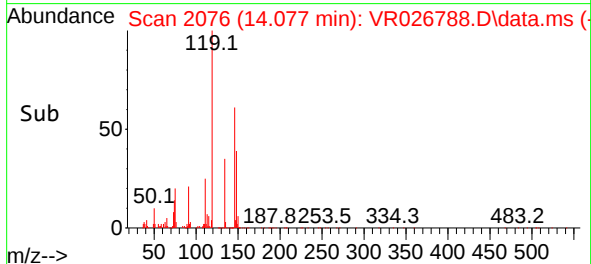
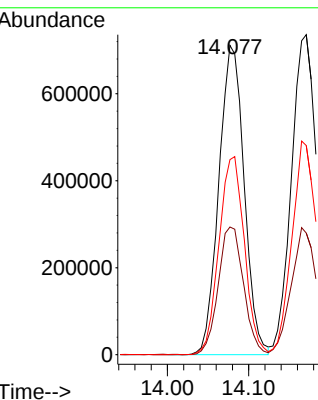
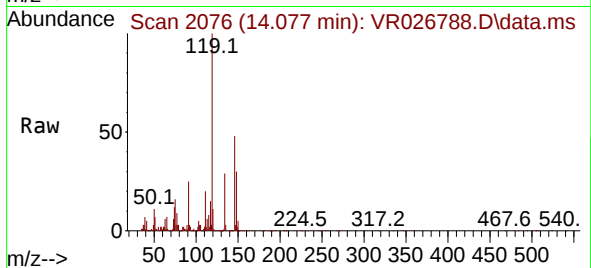
148 64.2 31.4 94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#88

1,4-Dichlorobenzene

Concen: 49.861 ug/l

RT: 14.171 min Scan# 2092

Delta R.T. 0.000 min

Lab File: VR026788.D

Acq: 22 Oct 2025 16:32

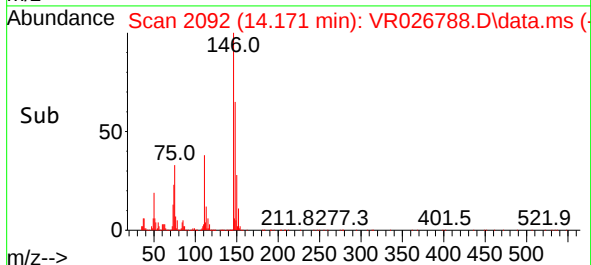
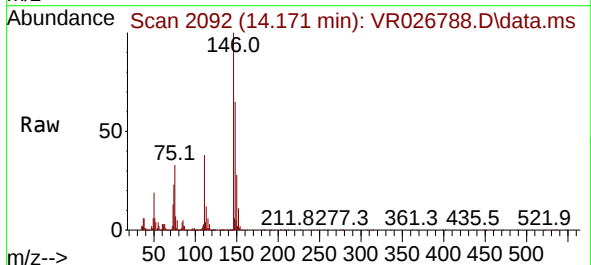
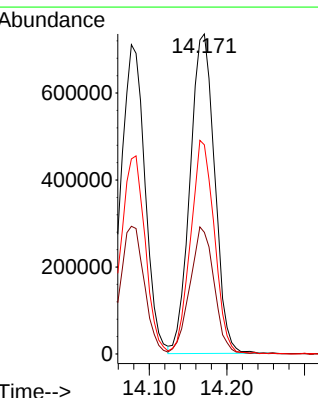
Tgt Ion:146 Resp: 1616208

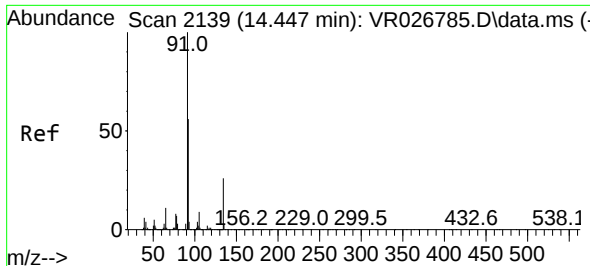
Ion Ratio Lower Upper

146 100

111 39.2 19.3 57.9

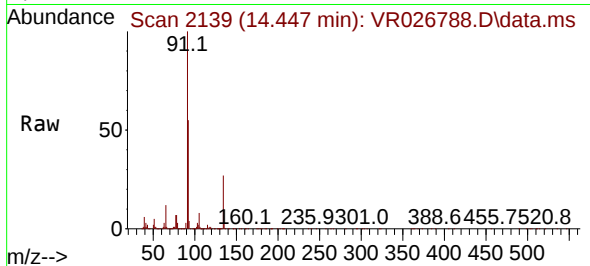
148 64.6 31.5 94.5





#89
n-Butylbenzene
Concen: 53.516 ug/l
RT: 14.447 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

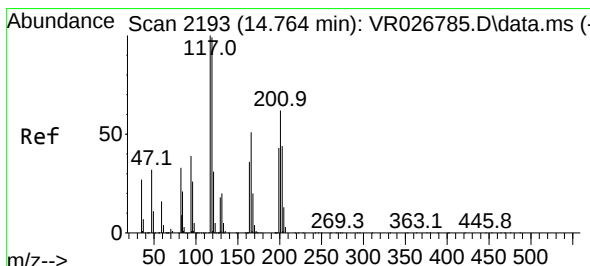
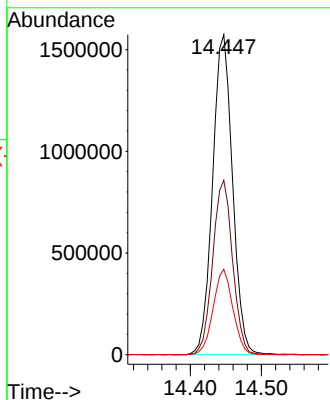
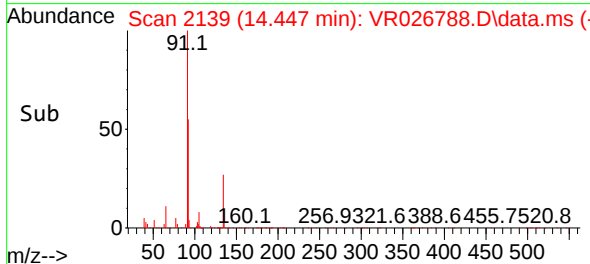
Instrument : MSVOA_R
ClientSampleId : ICVVR102225



Tgt Ion: 91 Resp: 306467
Ion Ratio Lower Upper
91 100
92 54.3 27.3 81.9
134 26.5 13.1 39.1

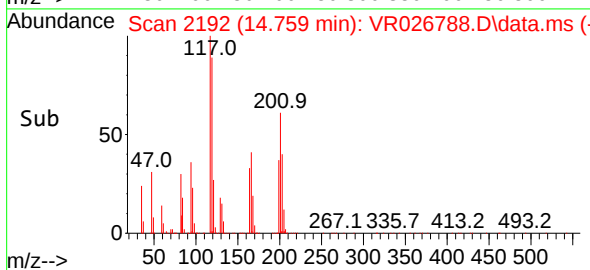
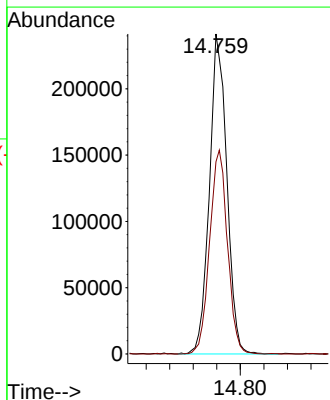
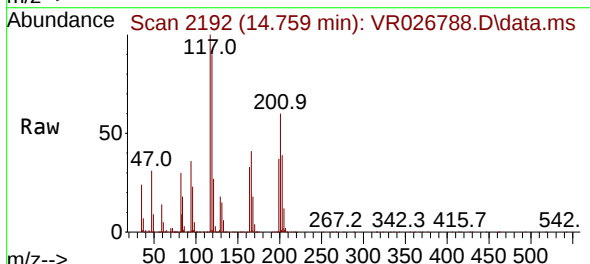
Manual Integrations
APPROVED

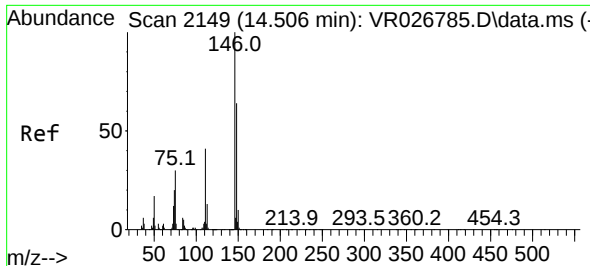
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#90
Hexachloroethane
Concen: 52.279 ug/l
RT: 14.759 min Scan# 2192
Delta R.T. -0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

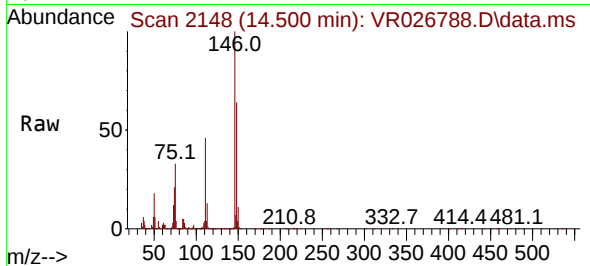
Tgt Ion:117 Resp: 495371
Ion Ratio Lower Upper
117 100
201 65.3 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 50.899 ug/l
RT: 14.500 min Scan# 2149
Delta R.T. -0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

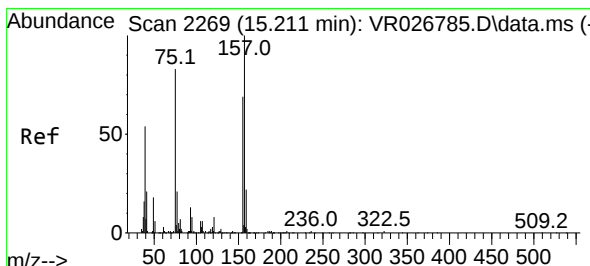
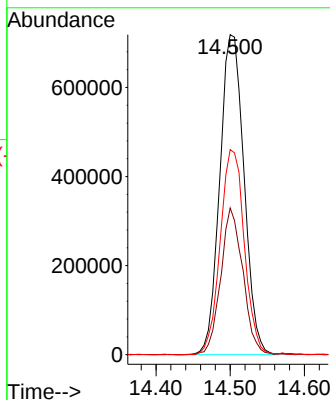
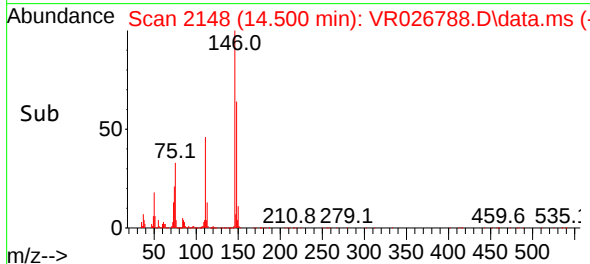
Instrument : MSVOA_R
ClientSampleId : ICVVR102225



Tgt Ion:146 Resp: 162934
Ion Ratio Lower Upper
146 100
111 42.0 20.3 60.9
148 63.9 32.1 96.3

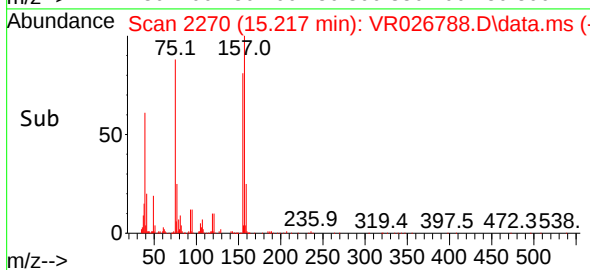
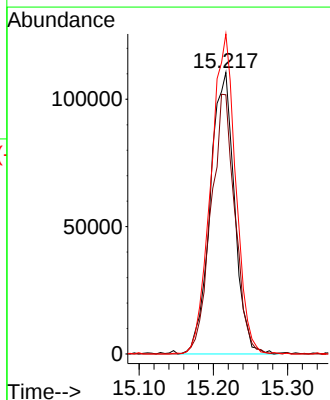
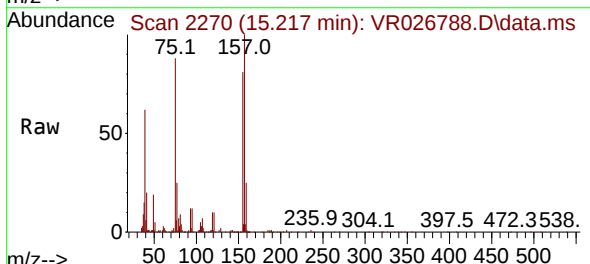
Manual Integrations
APPROVED

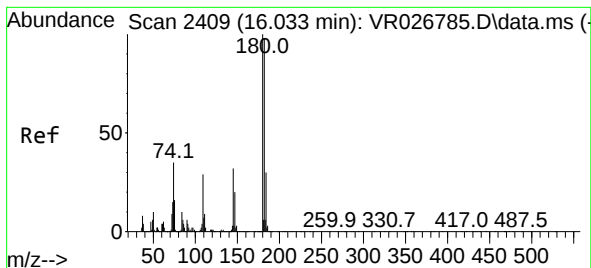
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.466 ug/l
RT: 15.217 min Scan# 2270
Delta R.T. 0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

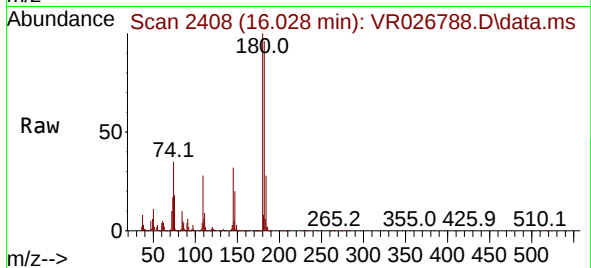
Tgt Ion: 75 Resp: 250873
Ion Ratio Lower Upper
75 100
155 91.1 45.4 136.1
157 116.5 59.1 177.2





#93
1,2,4-Trichlorobenzene
Concen: 55.152 ug/l
RT: 16.028 min Scan# 2409
Delta R.T. -0.006 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

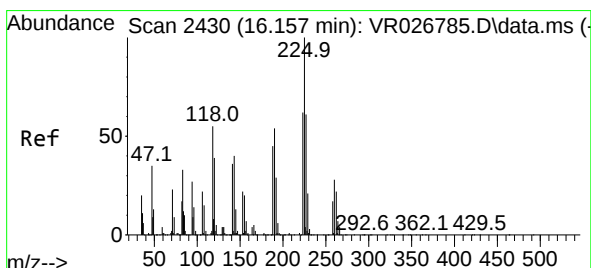
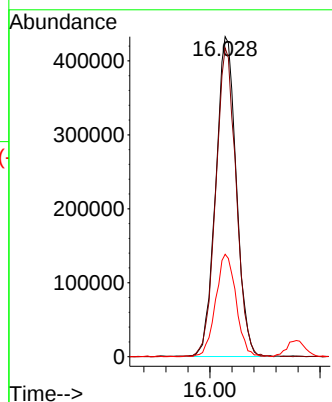
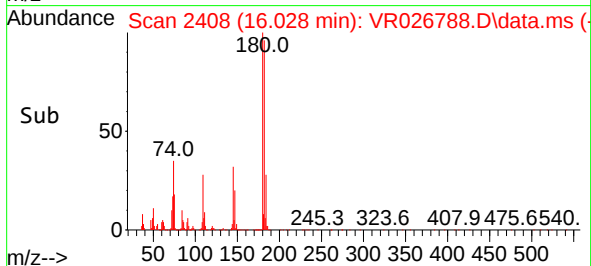
Instrument :
MSVOA_R
ClientSampleId :
ICVVR102225



Tgt Ion:180 Resp: 1119130
Ion Ratio Lower Upper
180 100
182 95.7 46.8 140.3
145 31.9 15.8 47.3

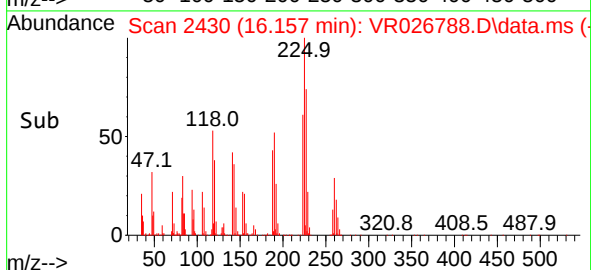
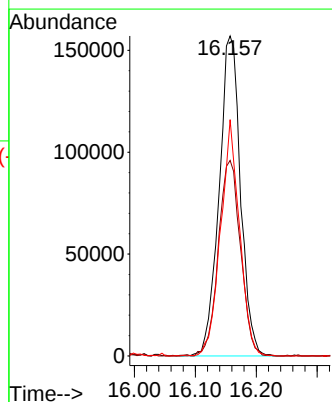
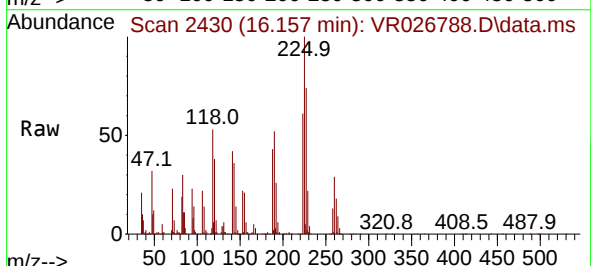
Manual Integrations
APPROVED

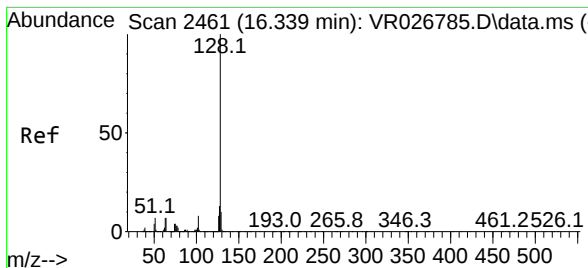
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#94
Hexachlorobutadiene
Concen: 53.037 ug/l
RT: 16.157 min Scan# 2430
Delta R.T. 0.000 min
Lab File: VR026788.D
Acq: 22 Oct 2025 16:32

Tgt Ion:225 Resp: 382486
Ion Ratio Lower Upper
225 100
223 63.3 32.3 96.8
227 65.7 33.1 99.3





#95

Naphthalene

Concen: 57.497 ug/l

RT: 16.333 min Scan# 2461

Delta R.T. -0.006 min

Lab File: VR026788.D

Acq: 22 Oct 2025 16:32

Instrument :

MSVOA_R

ClientSampleId :

ICVVR102225

Tgt Ion:128 Resp: 3658730

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

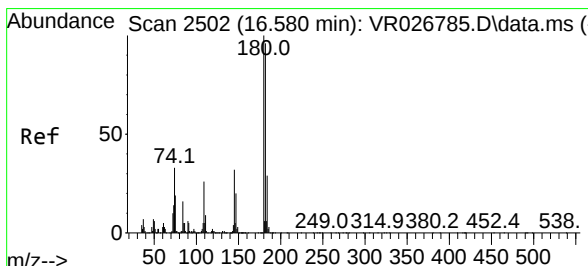
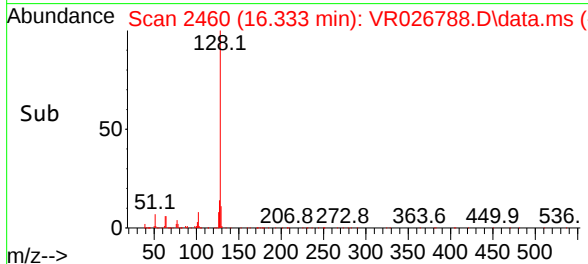
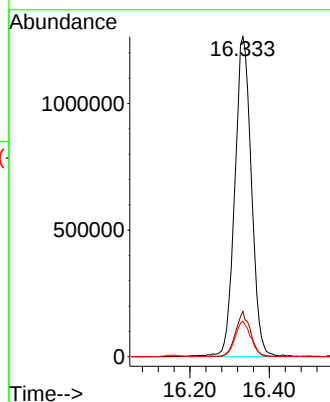
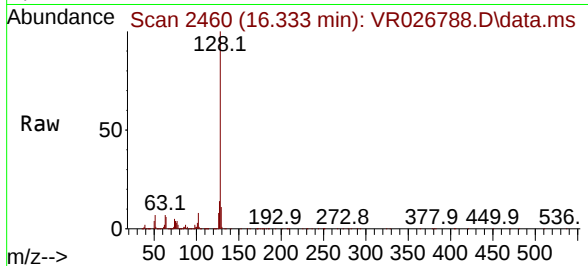
129 10.4 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#96

1,2,3-Trichlorobenzene

Concen: 53.789 ug/l

RT: 16.568 min Scan# 2500

Delta R.T. -0.012 min

Lab File: VR026788.D

Acq: 22 Oct 2025 16:32

Tgt Ion:180 Resp: 1075179

Ion Ratio Lower Upper

180 100

182 96.5 46.2 138.5

145 33.8 16.4 49.4

