

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092525\
 Data File : VN087958.D
 Acq On : 25 Sep 2025 16:28
 Operator : JC\MD
 Sample : Q3179-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EME-TS14-01MSD

Quant Time: Sep 26 07:34:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 09/26/2025
 Supervised By :Mahesh Dadoda 09/29/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	240403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	461373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	428179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	236701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	197860	48.905	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.820%		
35) Dibromofluoromethane	8.147	113	151624	45.263	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.520%		
50) Toluene-d8	10.547	98	524034	44.485	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.960%		
62) 4-Bromofluorobenzene	12.829	95	188664	44.806	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	89.620%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	147132	52.848	ug/l	96
3) Chloromethane	2.383	50	148155	51.972	ug/l	100
4) Vinyl Chloride	2.536	62	152514	52.441	ug/l	93
5) Bromomethane	2.965	94	104816	58.135	ug/l	91
6) Chloroethane	3.136	64	103494	54.730	ug/l	95
7) Trichlorofluoromethane	3.506	101	250193	52.837	ug/l	98
8) Diethyl Ether	3.965	74	98569	55.100	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	133660	53.406	ug/l	99
10) Methyl Iodide	4.577	142	138126	61.323	ug/l	98
11) Tert butyl alcohol	5.536	59	168784	289.641	ug/l	100
12) 1,1-Dichloroethene	4.336	96	132845	52.607	ug/l	91
13) Acrolein	4.177	56	190324	254.543	ug/l	97
14) Allyl chloride	5.012	41	220837	53.717	ug/l	98
15) Acrylonitrile	5.712	53	508346	278.104	ug/l	99
16) Acetone	4.424	43	466699	280.364	ug/l	98
17) Carbon Disulfide	4.706	76	392344	49.727	ug/l	97
18) Methyl Acetate	5.018	43	278165	66.772	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	551742	55.932	ug/l	100
20) Methylene Chloride	5.265	84	208332	61.831	ug/l	92
21) trans-1,2-Dichloroethene	5.771	96	159031	51.371	ug/l	87
22) Diisopropyl ether	6.665	45	528750	55.094	ug/l	94
23) Vinyl Acetate	6.594	43	1227973	151.963	ug/l	99
24) 1,1-Dichloroethane	6.553	63	301533	53.778	ug/l	98
25) 2-Butanone	7.471	43	722647	284.026	ug/l	99
26) 2,2-Dichloropropane	7.477	77	239501	48.077	ug/l	98
27) cis-1,2-Dichloroethene	7.477	96	199310	54.110	ug/l	99
28) Bromochloromethane	7.794	49	134231	44.063	ug/l	99
29) Tetrahydrofuran	7.824	42	473167	290.437	ug/l	99
30) Chloroform	7.947	83	332102	54.170	ug/l	98
31) Cyclohexane	8.241	56	226084	49.833	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	277241	53.518	ug/l	98
36) 1,1-Dichloropropene	8.353	75	204718	50.824	ug/l	99
37) Ethyl Acetate	7.547	43	267644	50.600	ug/l	99
38) Carbon Tetrachloride	8.341	117	236293	51.123	ug/l	98
39) Methylcyclohexane	9.582	83	221056	49.748	ug/l	93
40) Benzene	8.588	78	689039	51.664	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	149440	54.670	ug/l	99
42) 1,2-Dichloroethane	8.653	62	253749	50.984	ug/l	99
43) Isopropyl Acetate	8.677	43	438524	52.670	ug/l	99
44) Trichloroethene	9.335	130	160105	50.257	ug/l	99
45) 1,2-Dichloropropane	9.600	63	171474	51.274	ug/l	96
46) Dibromomethane	9.688	93	135472	51.337	ug/l	97
47) Bromodichloromethane	9.871	83	269991	52.164	ug/l	95
48) Methyl methacrylate	9.665	41	209285	54.280	ug/l	98
49) 1,4-Dioxane	9.682	88	64397	1130.575	ug/l #	85
51) 4-Methyl-2-Pentanone	10.424	43	1435007	276.213	ug/l	100
52) Toluene	10.606	92	430816	51.476	ug/l	97
53) t-1,3-Dichloropropene	10.818	75	272080	51.363	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	287341	52.227	ug/l	95
55) 1,1,2-Trichloroethane	10.994	97	177981	52.302	ug/l	95
56) Ethyl methacrylate	10.859	69	268097	54.524	ug/l	99
57) 1,3-Dichloropropane	11.141	76	294501	52.617	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	759725	328.612	ug/l	99
59) 2-Hexanone	11.176	43	999743	291.025	ug/l	99
60) Dibromochloromethane	11.335	129	215266	53.803	ug/l	98
61) 1,2-Dibromoethane	11.447	107	186230	51.695	ug/l	98
64) Tetrachloroethene	11.082	164	150814	57.822	ug/l	98
65) Chlorobenzene	11.870	112	482657	52.970	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.941	131	176109	53.595	ug/l	100
67) Ethyl Benzene	11.941	91	824870	54.252	ug/l	100
68) m/p-Xylenes	12.047	106	649282	111.658	ug/l	99
69) o-Xylene	12.376	106	310537	55.585	ug/l	99
70) Styrene	12.388	104	546817	56.990	ug/l	99
71) Bromoform	12.559	173	148815	55.822	ug/l #	97
73) Isopropylbenzene	12.676	105	792388	54.014	ug/l	100
74) N-amyl acetate	12.500	43	237322m	49.098	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	284539	53.832	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	222912m	47.775	ug/l	
77) Bromobenzene	12.959	156	205015	52.524	ug/l	99
78) n-propylbenzene	13.012	91	977906	53.317	ug/l	100
79) 2-Chlorotoluene	13.100	91	582052	52.118	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	689521	54.339	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	91536	54.476	ug/l	95
82) 4-Chlorotoluene	13.200	91	605342	53.793	ug/l	98
83) tert-Butylbenzene	13.417	119	577889	53.805	ug/l	96
84) 1,2,4-Trimethylbenzene	13.459	105	705179	54.180	ug/l	99
85) sec-Butylbenzene	13.594	105	845071	53.666	ug/l	99
86) p-Isopropyltoluene	13.706	119	721619	54.107	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	404134	53.058	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	403857	51.593	ug/l	99
89) n-Butylbenzene	14.035	91	663428	52.636	ug/l	100
90) Hexachloroethane	14.311	117	146900	52.730	ug/l	95
91) 1,2-Dichlorobenzene	14.082	146	389369	53.033	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	61435	50.022	ug/l	98
93) 1,2,4-Trichlorobenzene	15.370	180	224324	51.748	ug/l	100
94) Hexachlorobutadiene	15.470	225	84215	52.782	ug/l	99
95) Naphthalene	15.611	128	776581	55.808	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	223486	53.030	ug/l	98

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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

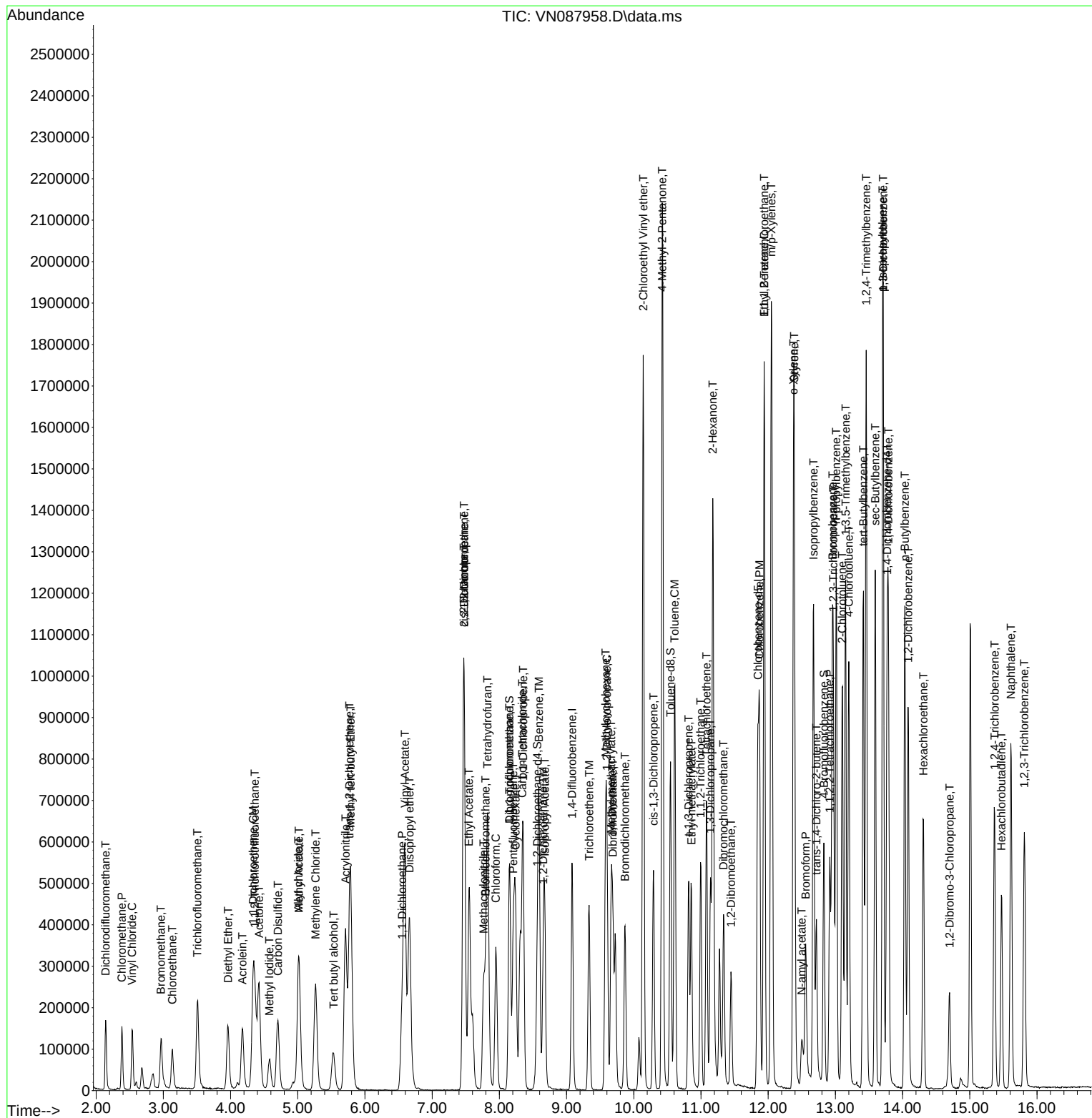
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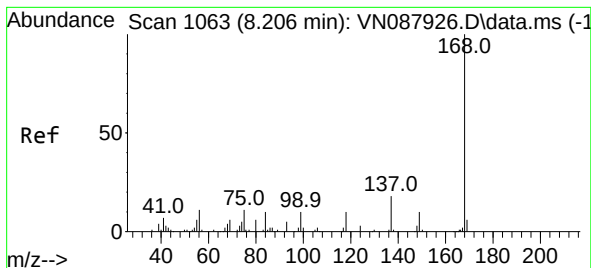
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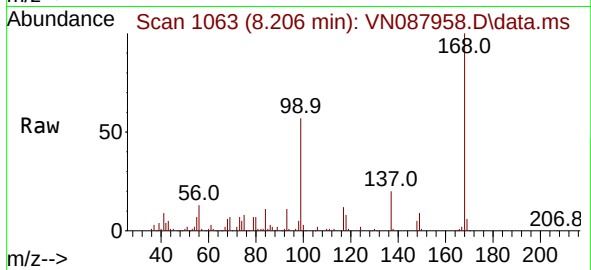
Reviewed By :John Carlone 09/26/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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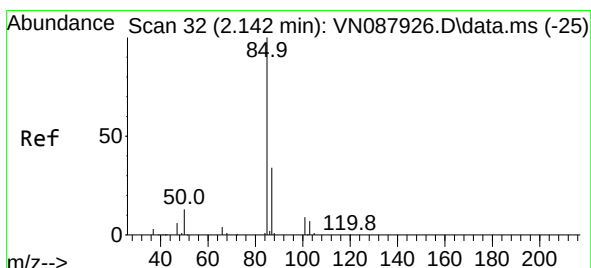
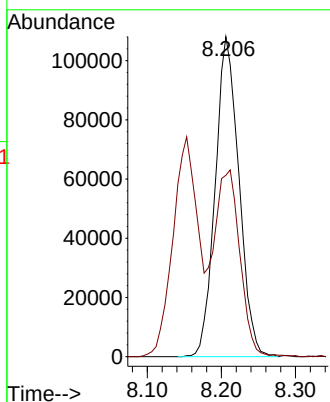
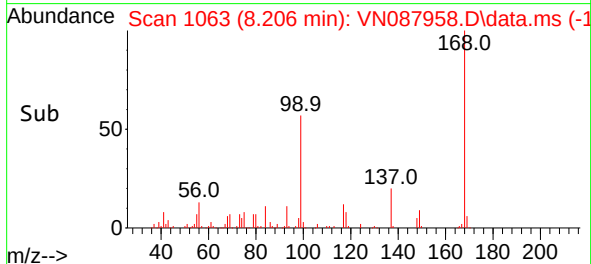
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Tgt Ion:168 Resp: 24040
Ion Ratio Lower Upper
168 100
99 56.2 52.2 78.2

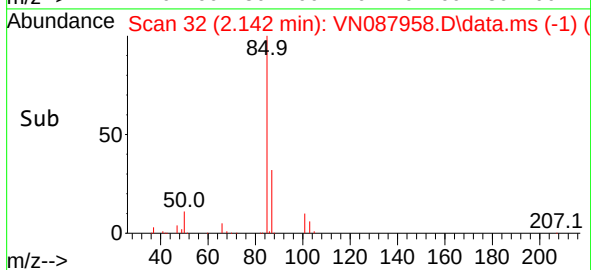
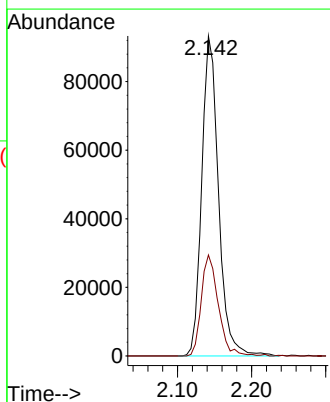
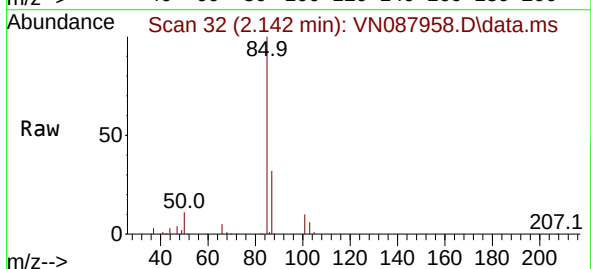
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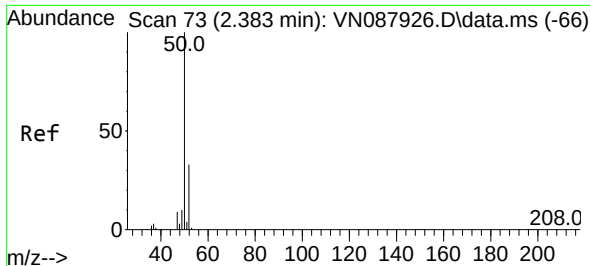
Reviewed By :John Carlone 09/26/2025
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#2
Dichlorodifluoromethane
Concen: 52.848 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

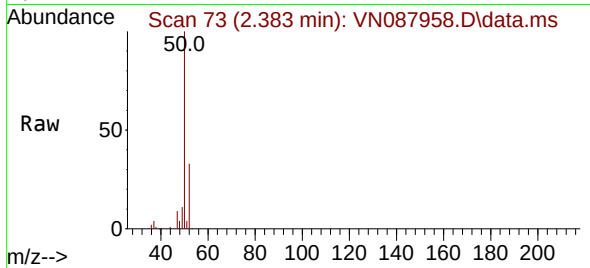
Tgt Ion: 85 Resp: 147132
Ion Ratio Lower Upper
85 100
87 31.5 16.9 50.6





#3
Chloromethane
Concen: 51.972 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

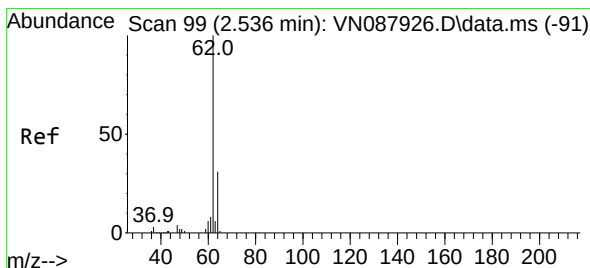
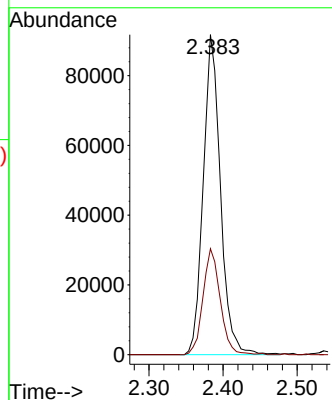
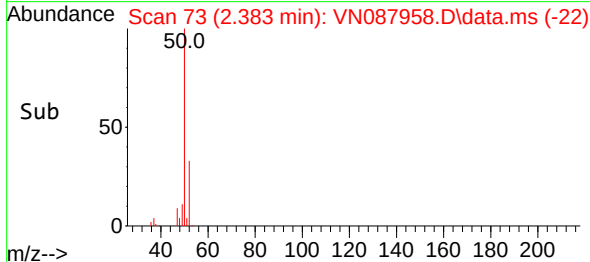
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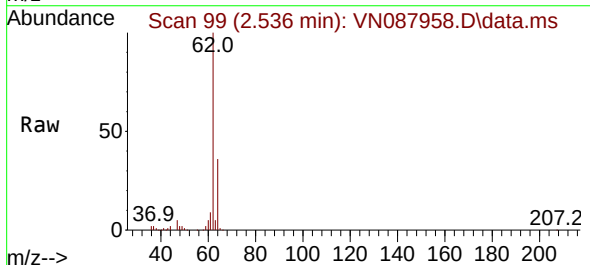
Tgt Ion: 50 Resp: 14815
Ion Ratio Lower Upper
50 100
52 33.1 26.6 40.0

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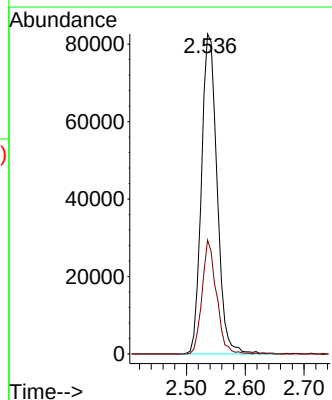
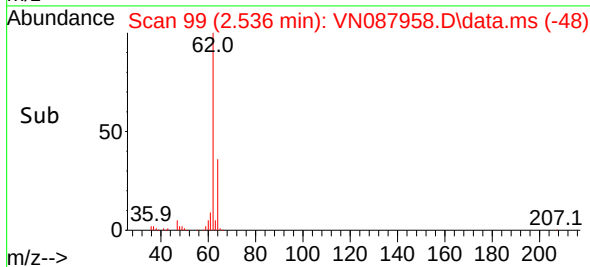
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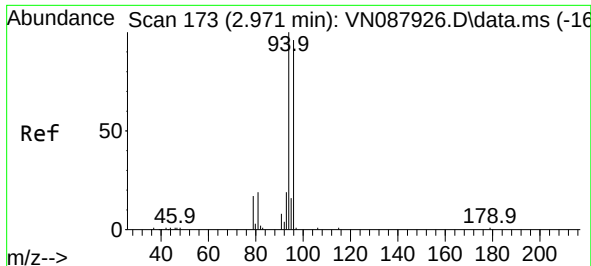


#4
Vinyl Chloride
Concen: 52.441 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN087958.D
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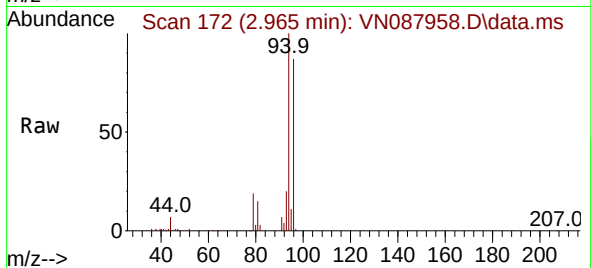
Tgt Ion: 62 Resp: 152514
Ion Ratio Lower Upper
62 100
64 35.6 25.2 37.8





#5
Bromomethane
Concen: 58.135 ug/l
RT: 2.965 min Scan# 173
Delta R.T. -0.006 min
Lab File: VN087958.D
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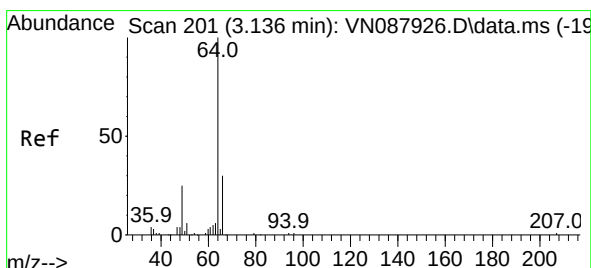
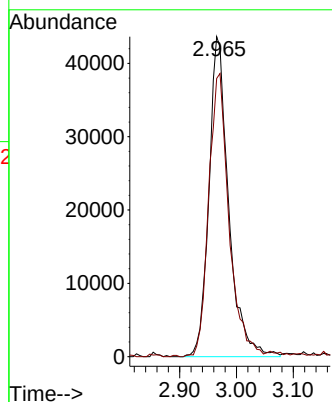
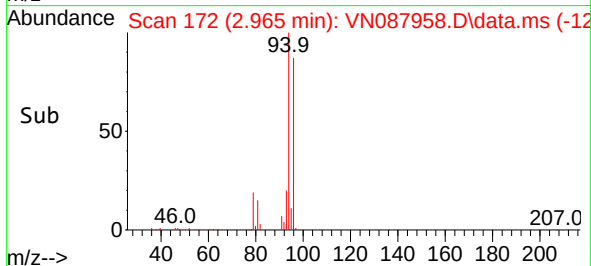
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Tgt Ion: 94 Resp: 104810
Ion Ratio Lower Upper
94 100
96 86.9 76.8 115.2

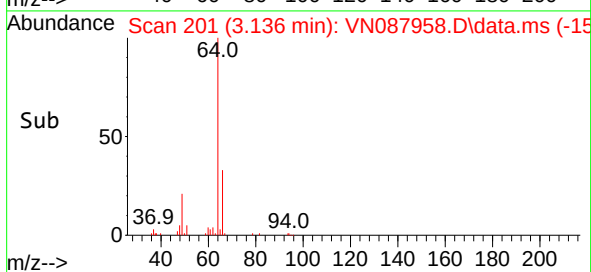
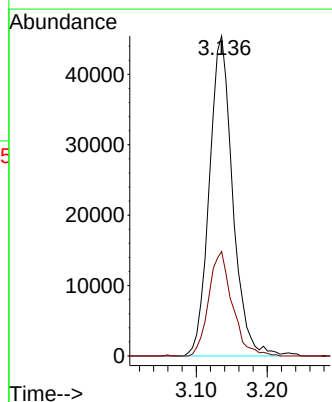
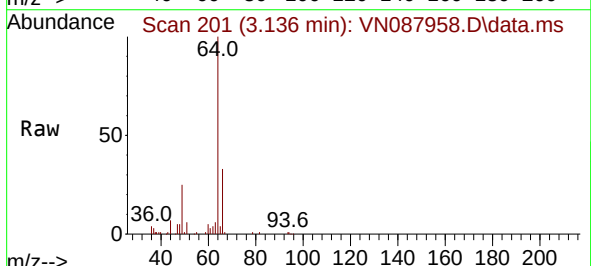
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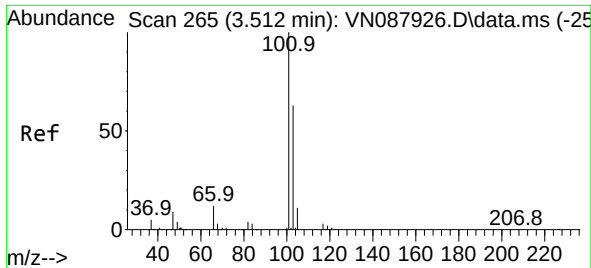
Reviewed By :John Carlone 09/26/2025
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#6
Chloroethane
Concen: 54.730 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN087958.D
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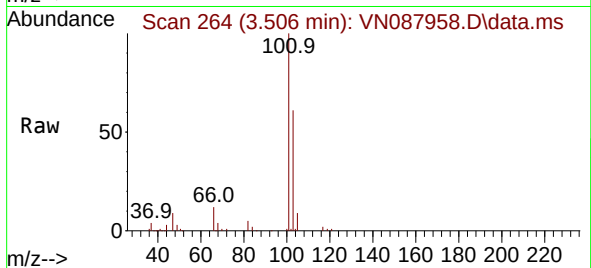
Tgt Ion: 64 Resp: 103494
Ion Ratio Lower Upper
64 100
66 32.7 23.8 35.8





#7
 Trichlorofluoromethane
 Concen: 52.837 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087958.D
 Acq: 25 Sep 2025 16:28

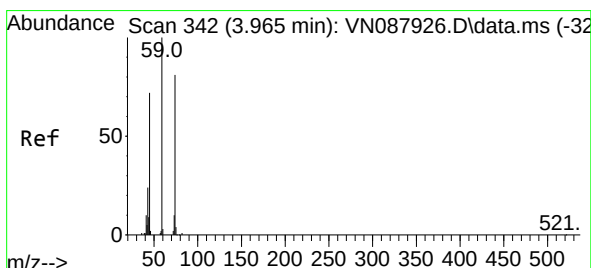
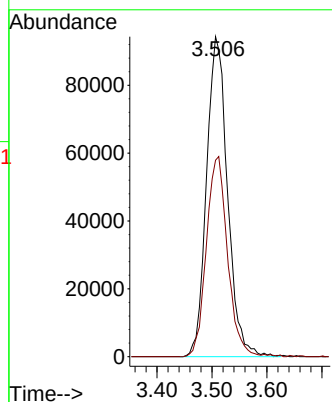
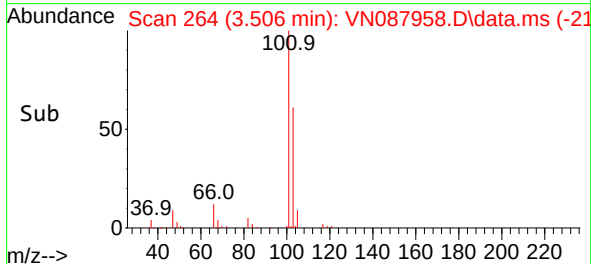
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Tgt Ion:101 Resp: 25019
 Ion Ratio Lower Upper
 101 100
 103 61.4 50.2 75.4

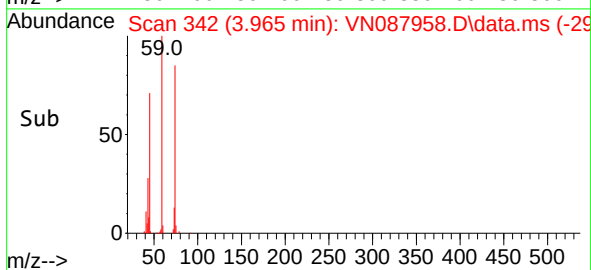
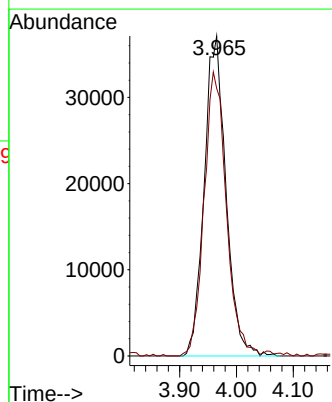
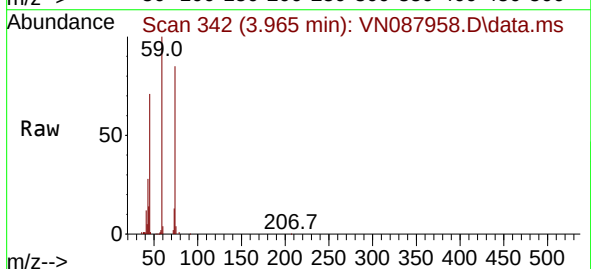
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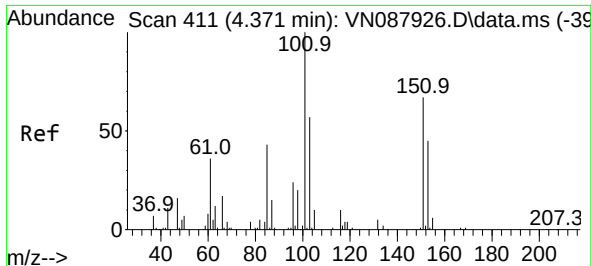
Reviewed By :John Carlone 09/26/2025
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#8
 Diethyl Ether
 Concen: 55.100 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VN087958.D
 Acq: 25 Sep 2025 16:28

Tgt Ion: 74 Resp: 98569
 Ion Ratio Lower Upper
 74 100
 45 90.9 45.4 136.1





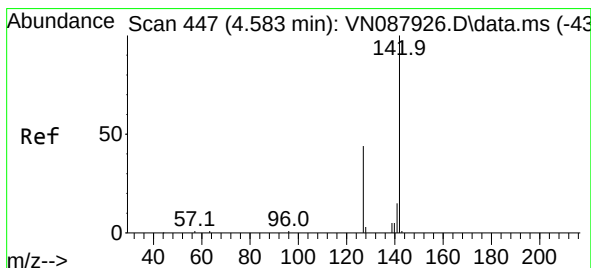
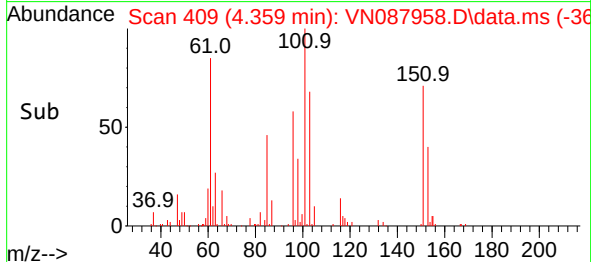
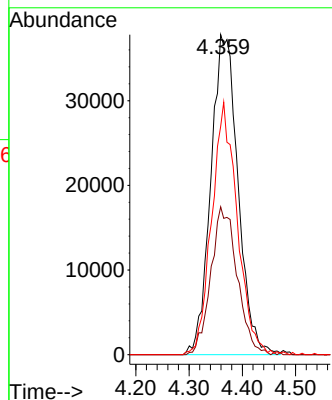
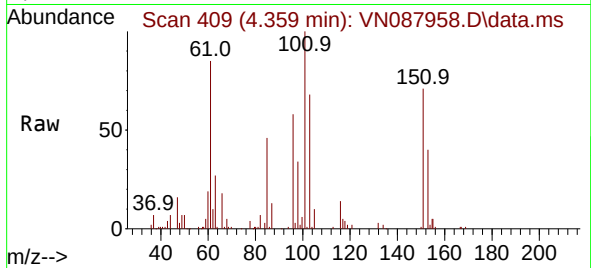
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.406 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD

Tgt Ion:101 Resp: 133660
Ion Ratio Lower Upper
101 100
85 44.8 36.5 54.7
151 74.4 58.6 87.8

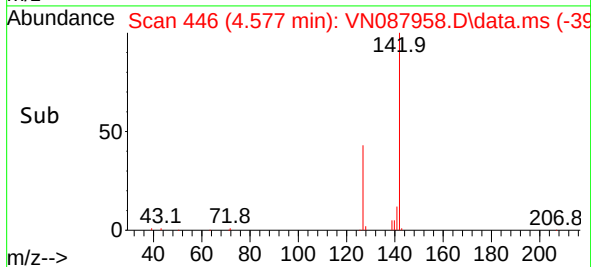
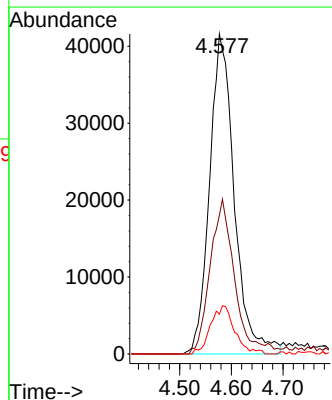
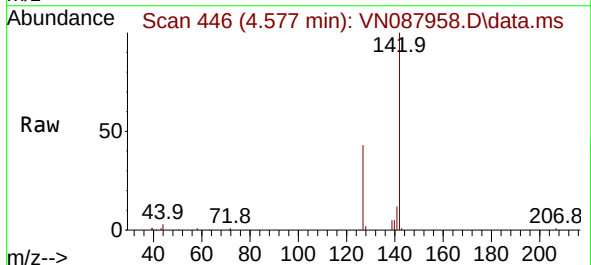
Manual Integrations
APPROVED

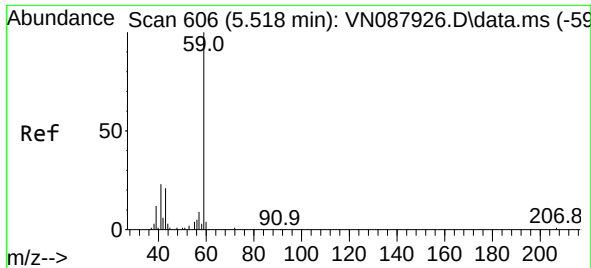
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#10
Methyl Iodide
Concen: 61.323 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

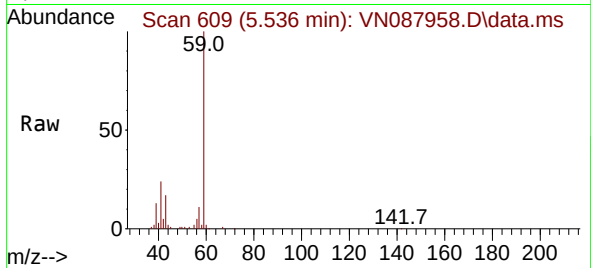
Tgt Ion:142 Resp: 138126
Ion Ratio Lower Upper
142 100
127 43.3 35.3 52.9
141 12.4 11.8 17.8





#11
Tert butyl alcohol
Concen: 289.641 ug/l
RT: 5.536 min Scan# 606
Delta R.T. 0.018 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

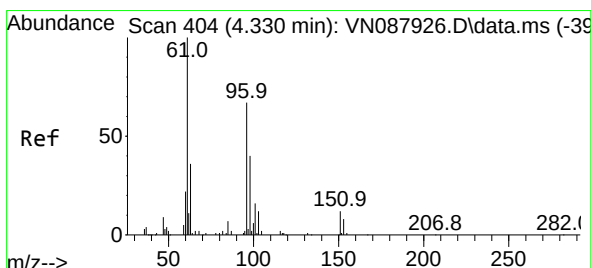
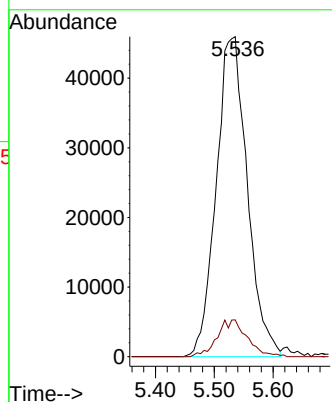
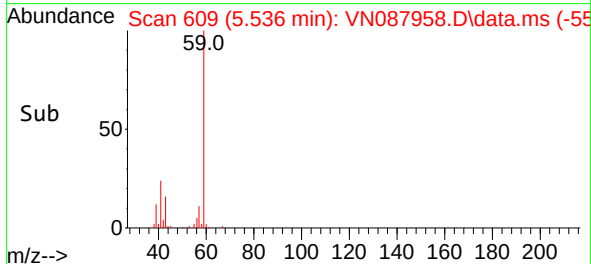
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD



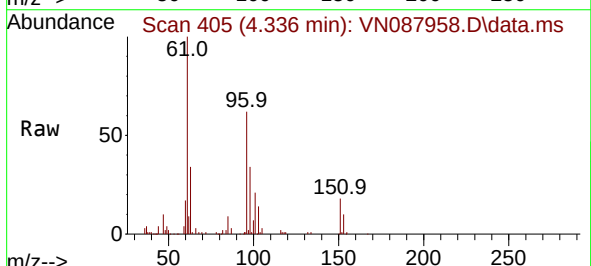
Tgt Ion: 59 Resp: 168784
Ion Ratio Lower Upper
59 100
57 11.2 8.8 13.2

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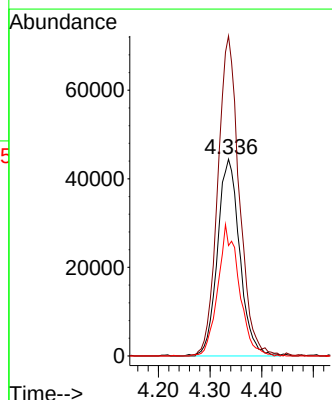
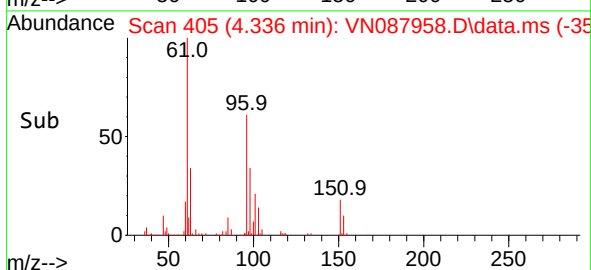
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

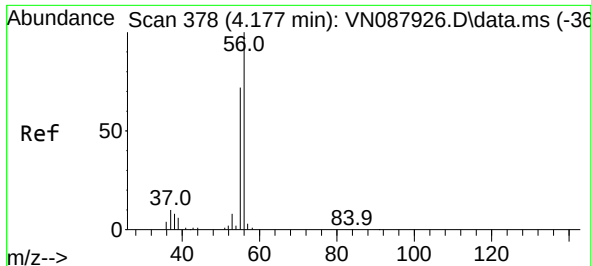


#12
1,1-Dichloroethene
Concen: 52.607 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28



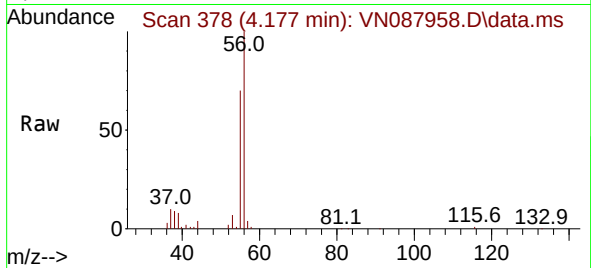
Tgt Ion: 96 Resp: 132845
Ion Ratio Lower Upper
96 100
61 162.6 119.2 178.8
98 56.1 47.5 71.3





#13
Acrolein
Concen: 254.543 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

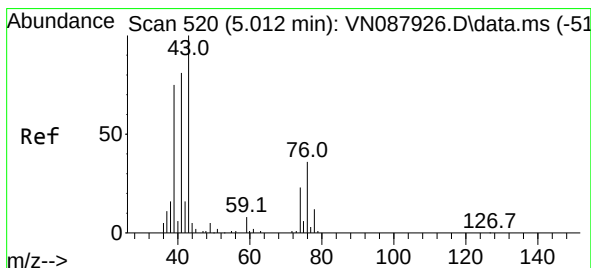
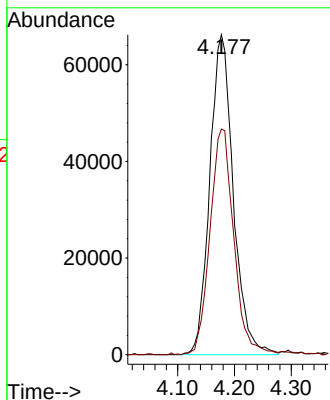
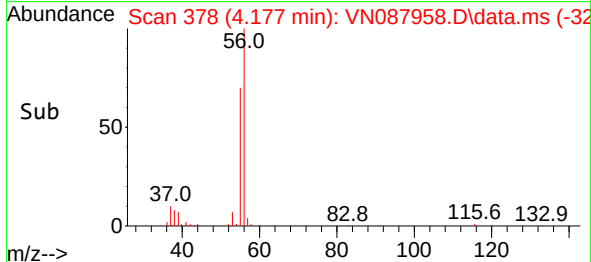
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD



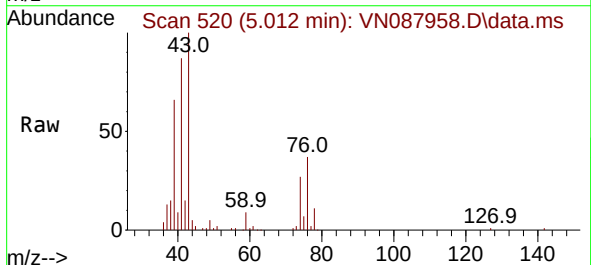
Tgt Ion: 56 Resp: 190324
Ion Ratio Lower Upper
56 100
55 71.4 59.3 88.9

Manual Integrations
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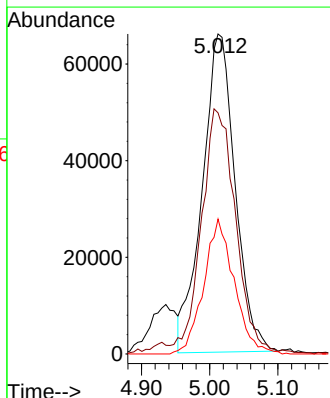
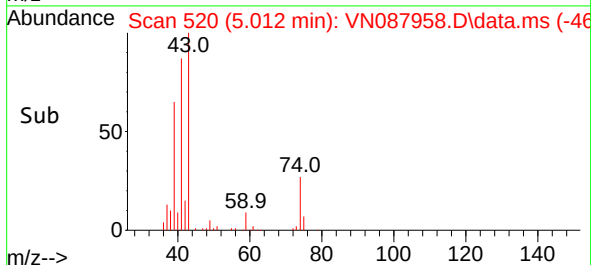
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

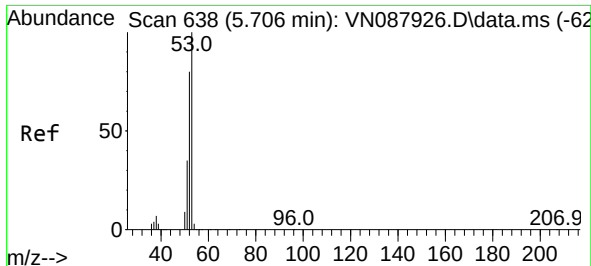


#14
Allyl chloride
Concen: 53.717 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28



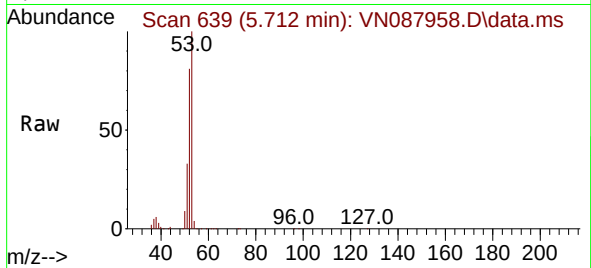
Tgt Ion: 41 Resp: 220837
Ion Ratio Lower Upper
41 100
39 78.5 63.8 95.8
76 39.4 33.0 49.6





#15
Acrylonitrile
Concen: 278.104 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

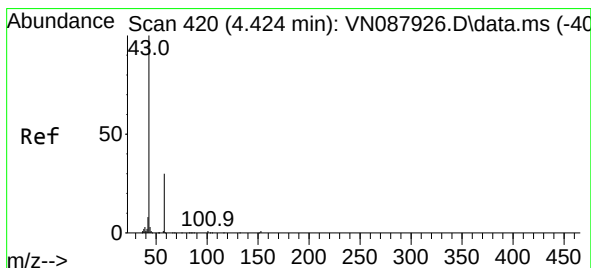
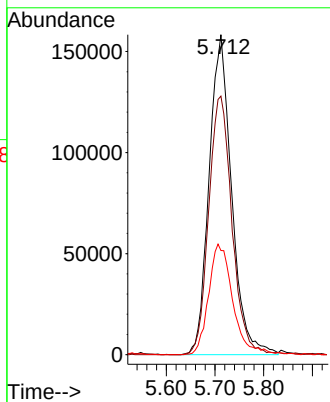
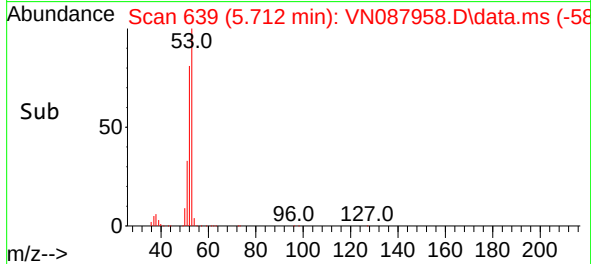
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD



Tgt Ion: 53 Resp: 508340
Ion Ratio Lower Upper
53 100
52 83.6 66.6 99.8
51 36.8 29.0 43.4

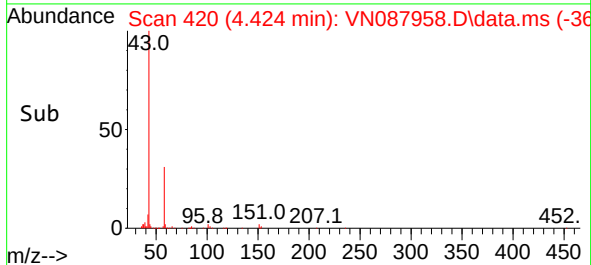
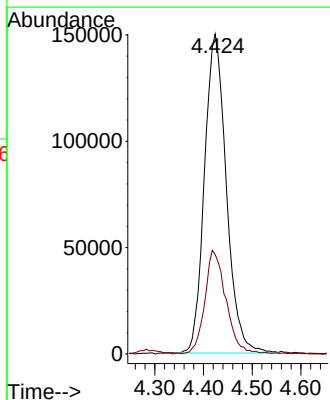
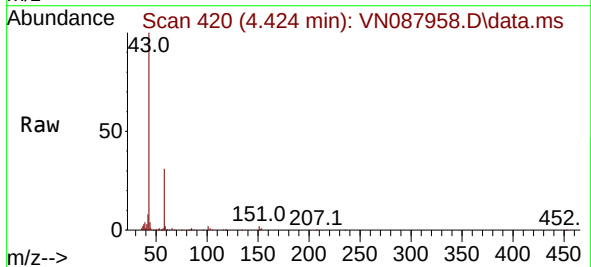
Manual Integrations
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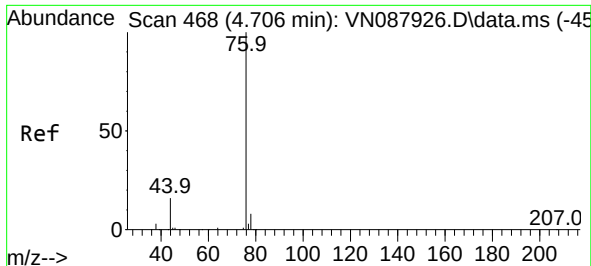
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#16
Acetone
Concen: 280.364 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

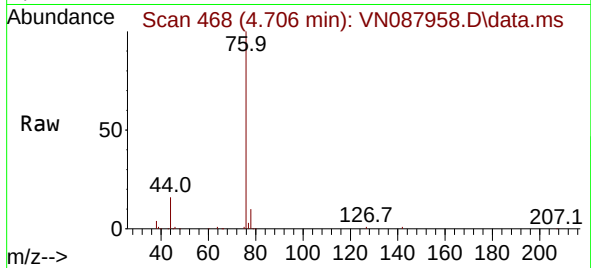
Tgt Ion: 43 Resp: 466699
Ion Ratio Lower Upper
43 100
58 31.0 24.1 36.1





#17
Carbon Disulfide
Concen: 49.727 ug/l
RT: 4.706 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

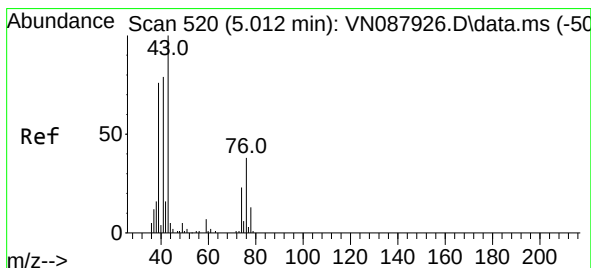
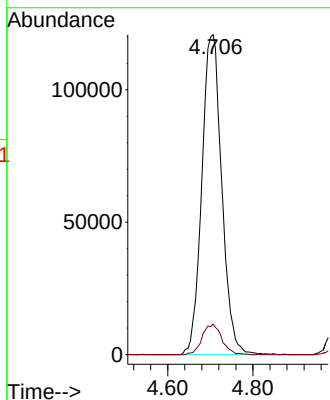
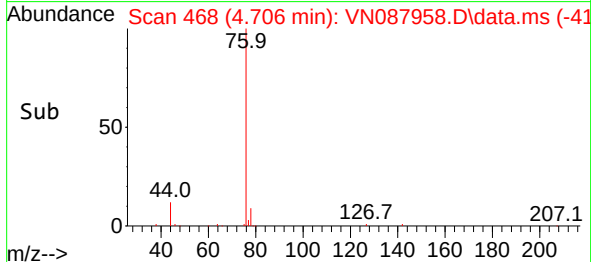
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD



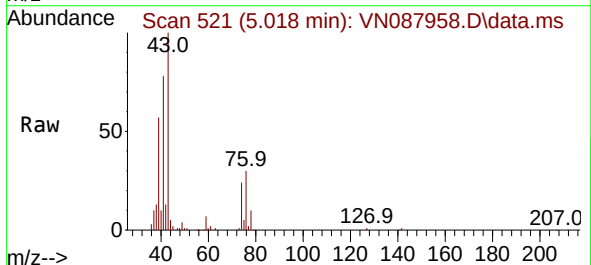
Tgt Ion: 76 Resp: 392344
Ion Ratio Lower Upper
76 100
78 9.6 6.7 10.1

Manual Integrations
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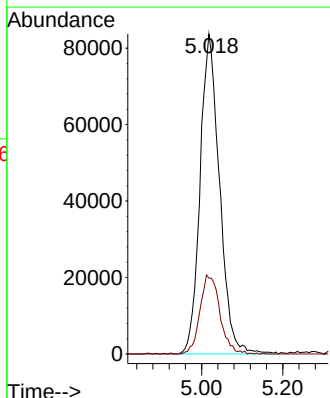
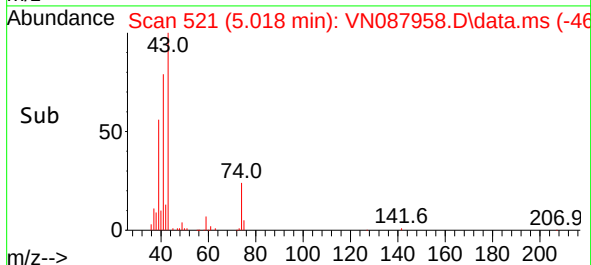
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

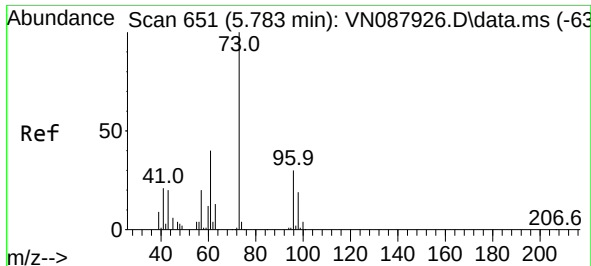


#18
Methyl Acetate
Concen: 66.772 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28



Tgt Ion: 43 Resp: 278165
Ion Ratio Lower Upper
43 100
74 25.2 19.7 29.5





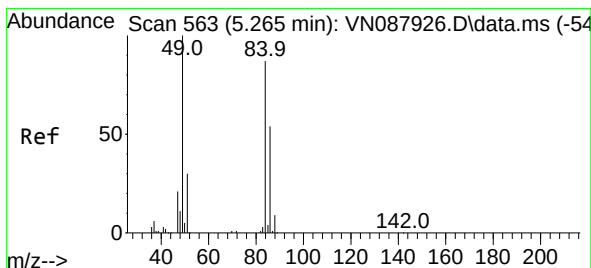
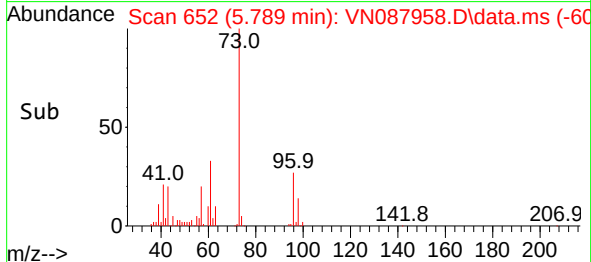
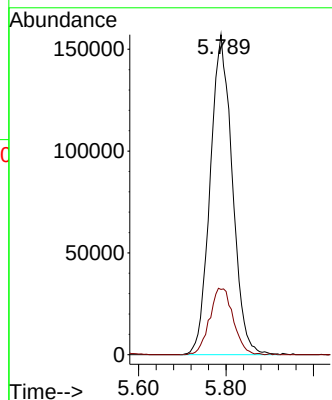
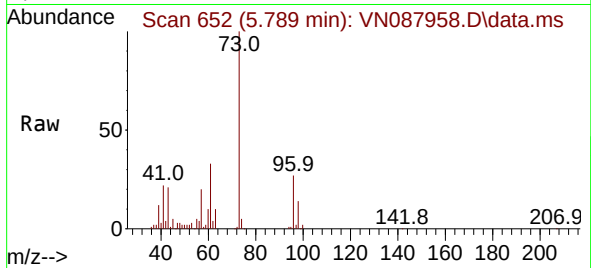
#19
Methyl tert-butyl Ether
Concen: 55.932 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD

Tgt Ion: 73 Resp: 55174
Ion Ratio Lower Upper
73 100
57 20.4 16.3 24.5

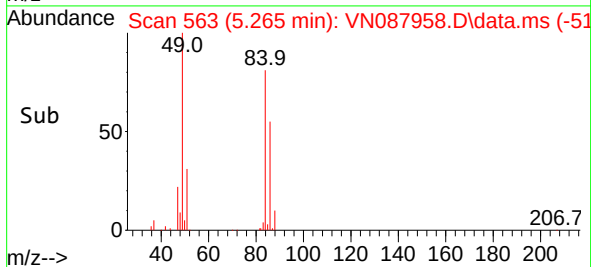
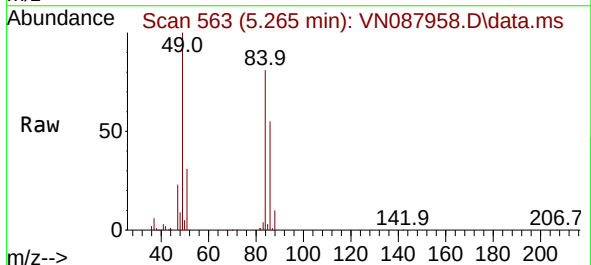
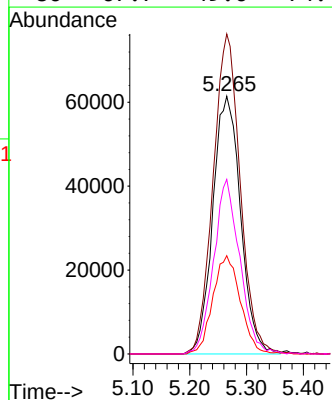
Manual Integrations
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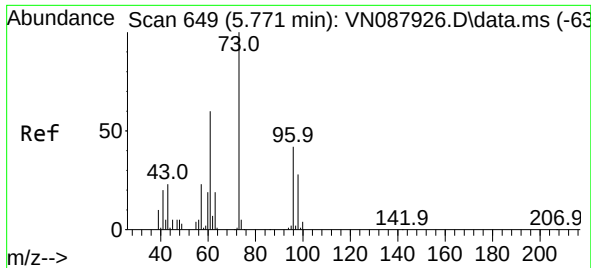
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#20
Methylene Chloride
Concen: 61.831 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

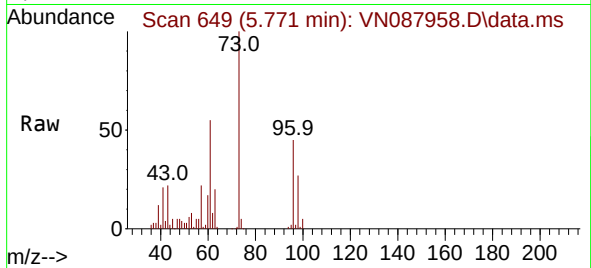
Tgt Ion: 84 Resp: 208332
Ion Ratio Lower Upper
84 100
49 124.1 92.1 138.1
51 38.1 27.7 41.5
86 67.7 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 51.371 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

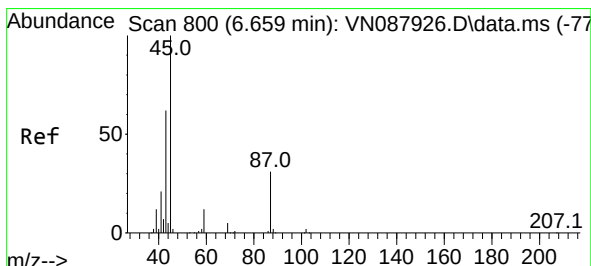
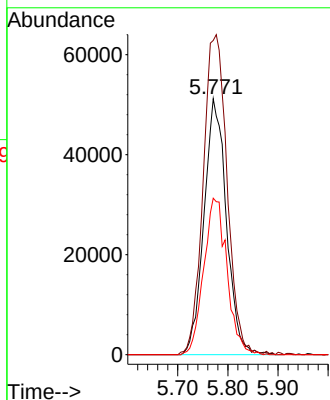
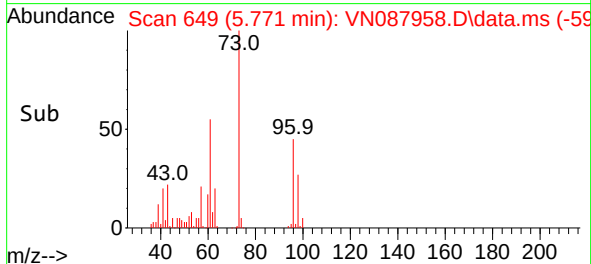
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD



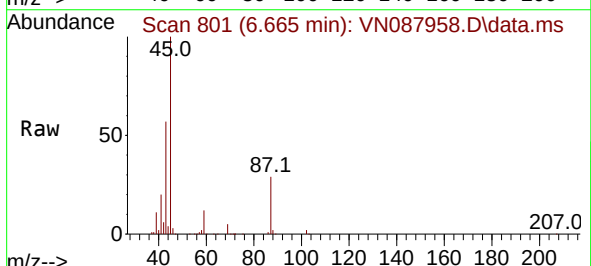
Tgt Ion: 96 Resp: 15903
Ion Ratio Lower Upper
96 100
61 122.8 114.4 171.6
98 61.1 53.6 80.4

Manual Integrations
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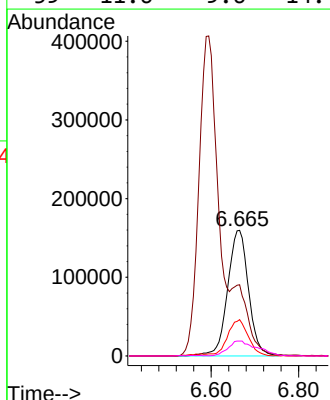
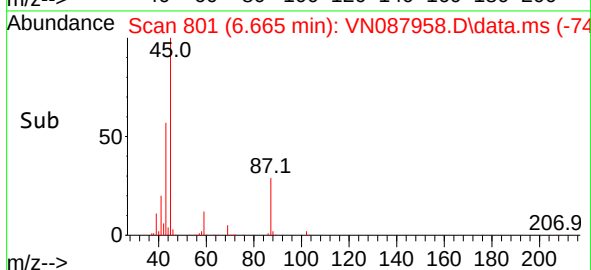
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

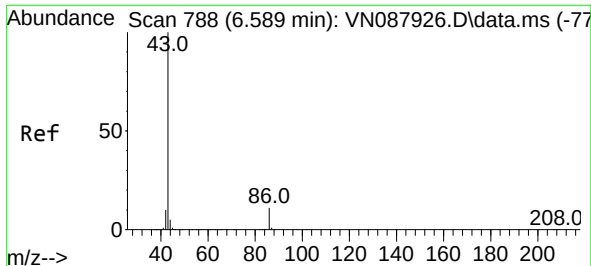


#22
Diisopropyl ether
Concen: 55.094 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.006 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28



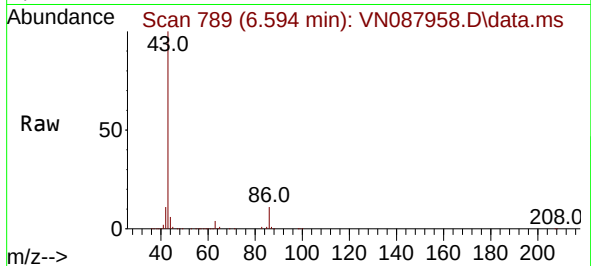
Tgt Ion: 45 Resp: 528750
Ion Ratio Lower Upper
45 100
43 56.6 49.9 74.9
87 28.8 25.2 37.8
59 11.6 9.6 14.4





#23
 Vinyl Acetate
 Concen: 151.963 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN087958.D
 Acq: 25 Sep 2025 16:28

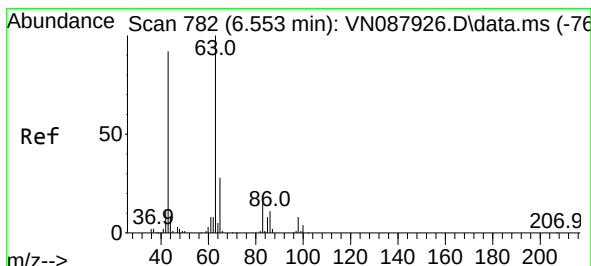
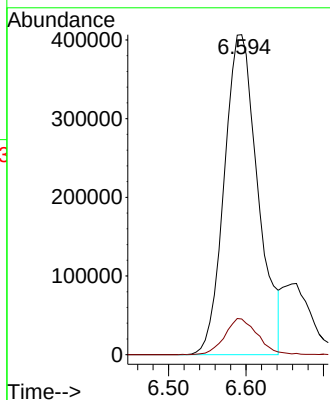
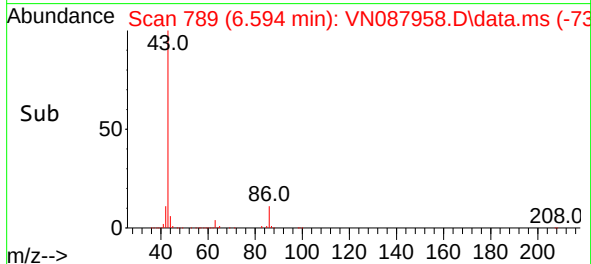
Instrument :
 MSVOA_N
 ClientSampleId :
 EME-TS14-01MSD



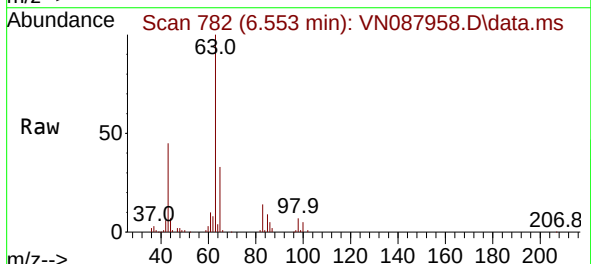
Tgt Ion: 43 Resp: 122797
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 12.8

Manual Integrations
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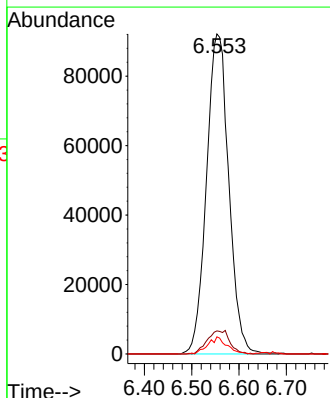
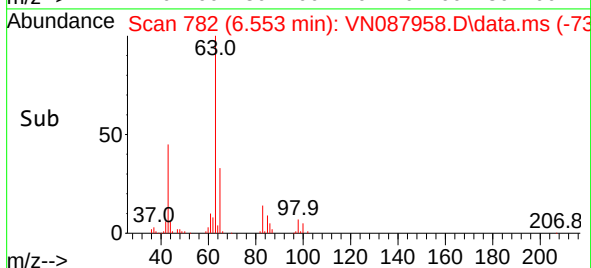
Reviewed By :John Carlone 09/26/2025
 Supervised By :Mahesh Dadoda 09/29/2025

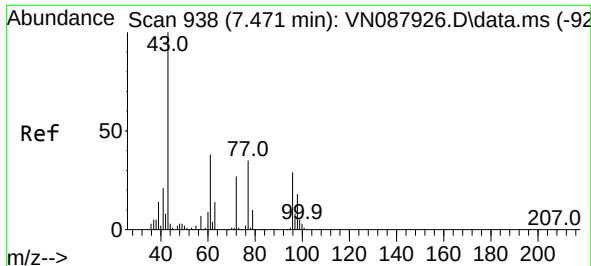


#24
 1,1-Dichloroethane
 Concen: 53.778 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.000 min
 Lab File: VN087958.D
 Acq: 25 Sep 2025 16:28



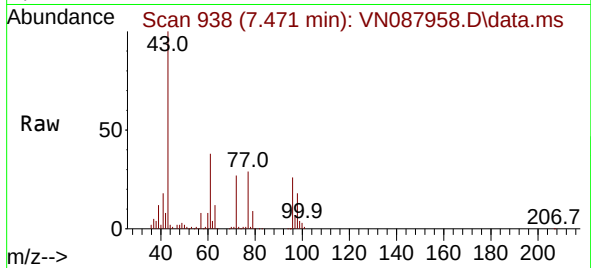
Tgt Ion: 63 Resp: 301533
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.5
 100 5.3 2.1 6.5





#25
2-Butanone
Concen: 284.026 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

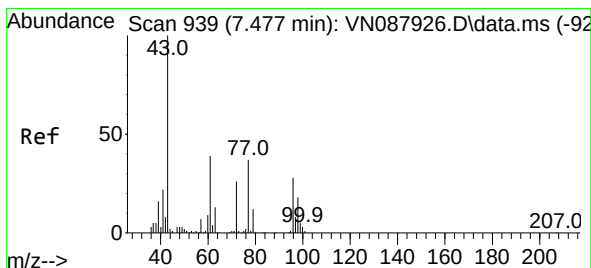
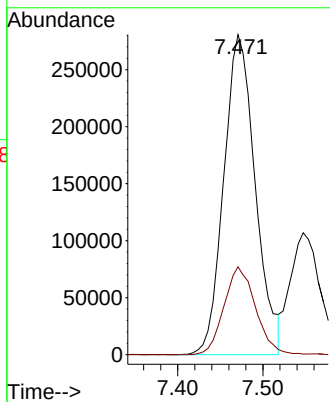
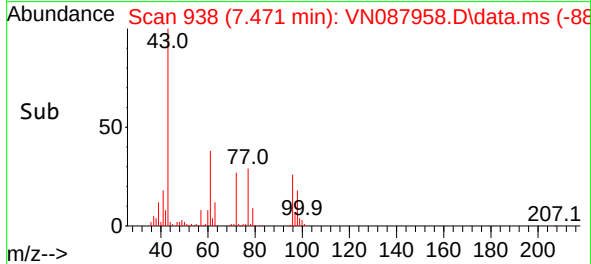
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD



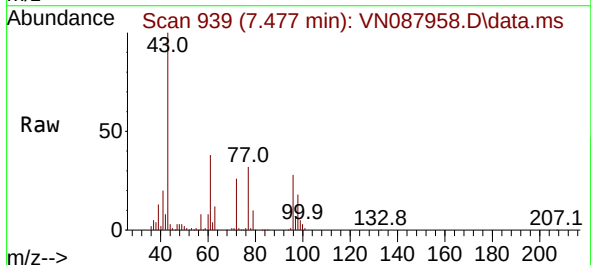
Tgt Ion: 43 Resp: 72264
Ion Ratio Lower Upper
43 100
72 27.4 21.5 32.3

Manual Integrations
APPROVED

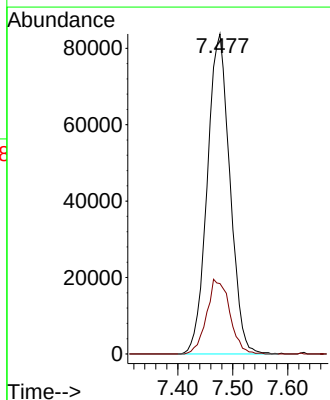
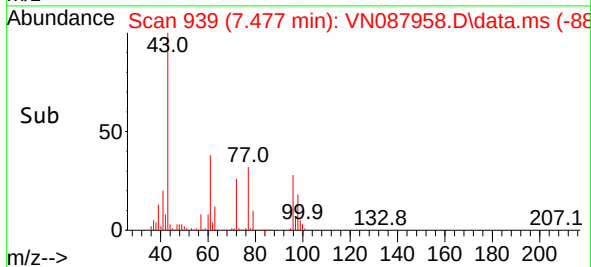
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

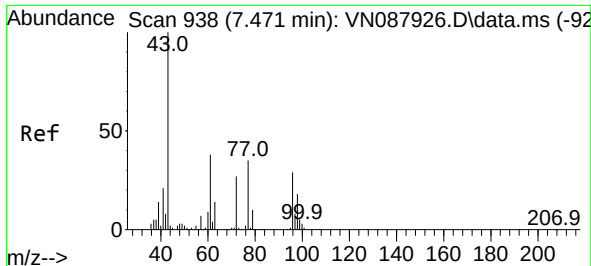


#26
2,2-Dichloropropane
Concen: 48.077 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28



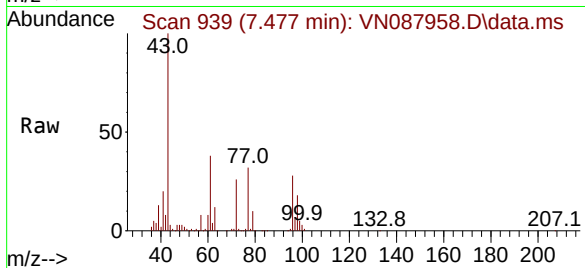
Tgt Ion: 77 Resp: 239501
Ion Ratio Lower Upper
77 100
97 23.8 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 54.110 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087958.D
 Acq: 25 Sep 2025 16:28

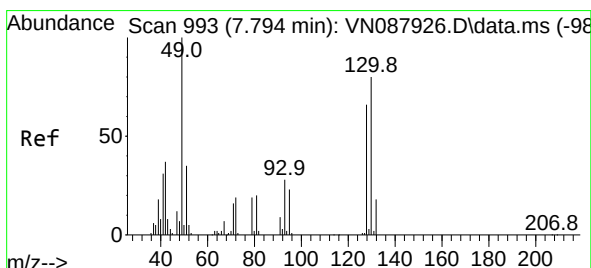
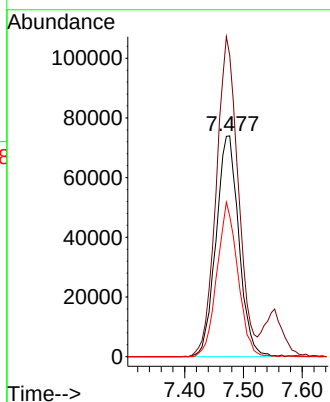
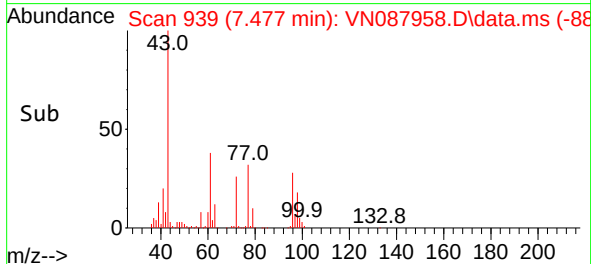
Instrument :
 MSVOA_N
 ClientSampleId :
 EME-TS14-01MSD



Tgt Ion: 96 Resp: 199310
 Ion Ratio Lower Upper
 96 100
 61 139.8 0.0 283.0
 98 64.2 0.0 127.6

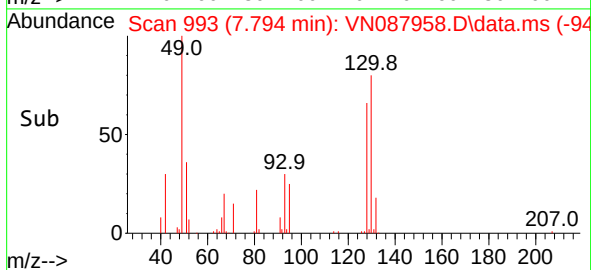
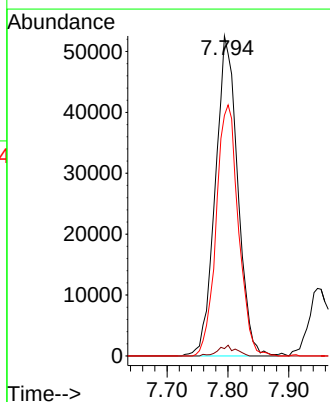
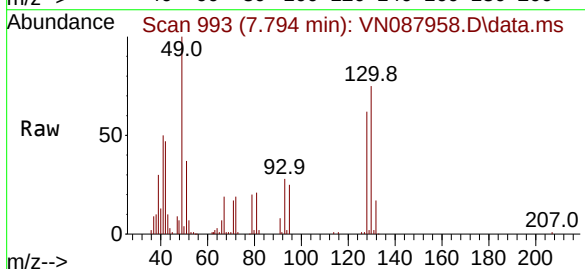
Manual Integrations
 APPROVED

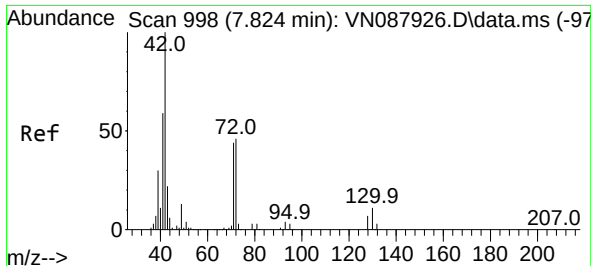
Reviewed By :John Carlone 09/26/2025
 Supervised By :Mahesh Dadoda 09/29/2025



#28
 Bromochloromethane
 Concen: 44.063 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VN087958.D
 Acq: 25 Sep 2025 16:28

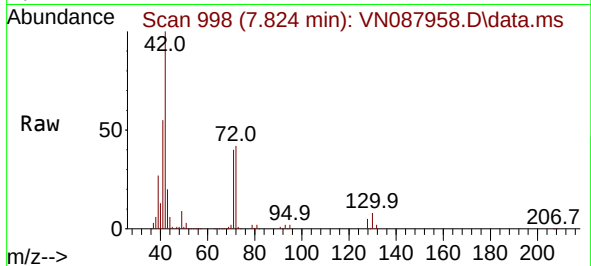
Tgt Ion: 49 Resp: 134231
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.4
 130 77.8 62.6 94.0





#29
Tetrahydrofuran
Concen: 290.437 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

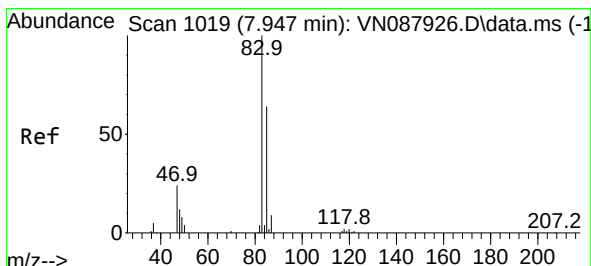
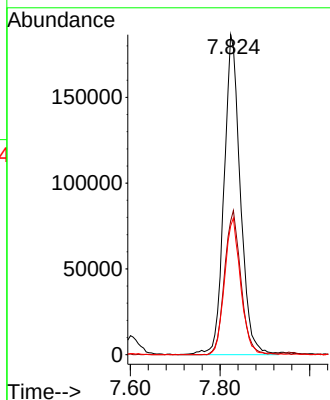
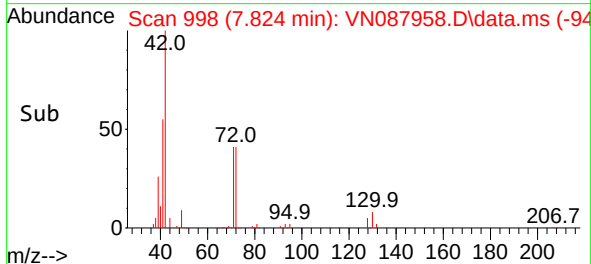
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD



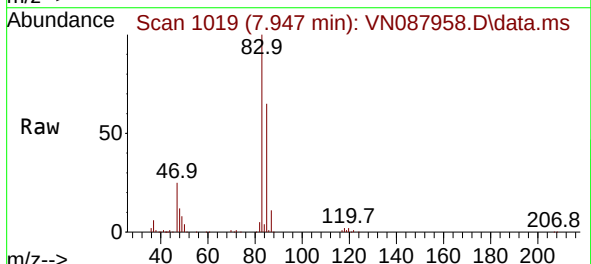
Tgt Ion: 42 Resp: 47316
Ion Ratio Lower Upper
42 100
72 45.1 36.5 54.7
71 42.1 33.8 50.8

Manual Integrations
APPROVED

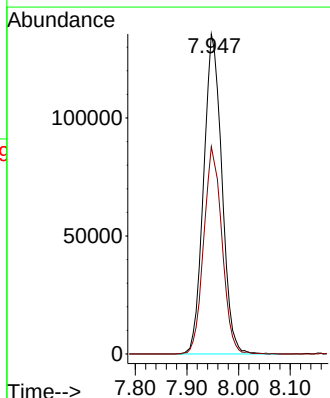
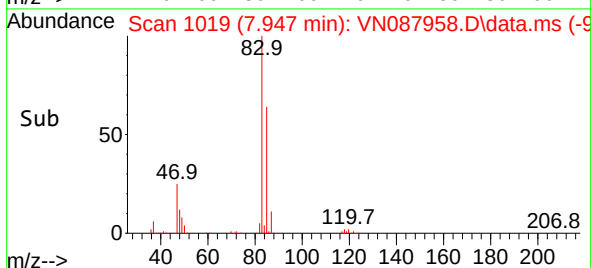
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

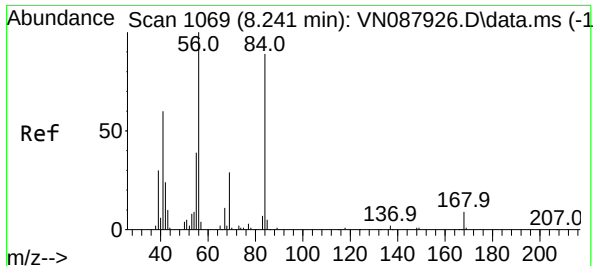


#30
Chloroform
Concen: 54.170 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28



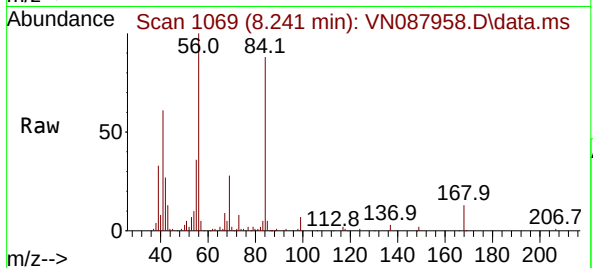
Tgt Ion: 83 Resp: 332102
Ion Ratio Lower Upper
83 100
85 64.8 50.9 76.3





#31
Cyclohexane
Concen: 49.833 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

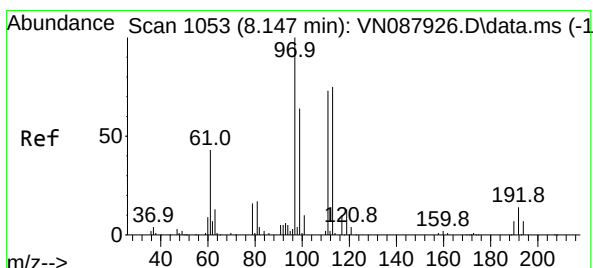
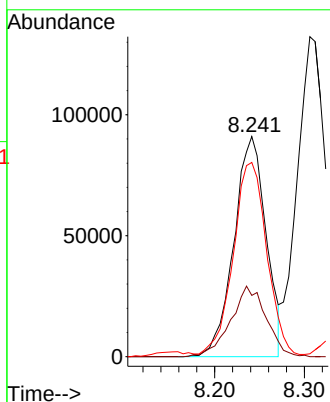
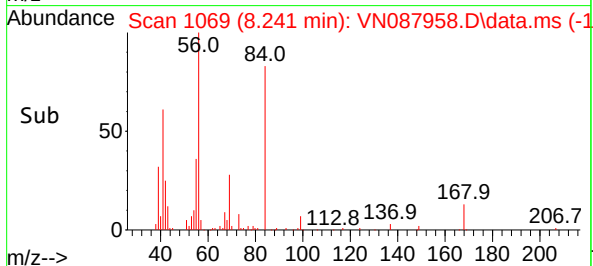
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD



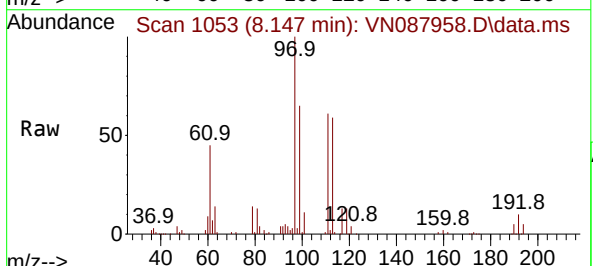
Tgt Ion: 56 Resp: 226084
Ion Ratio Lower Upper
56 100
69 27.4 23.4 35.0
84 85.9 70.8 106.2

Manual Integrations
APPROVED

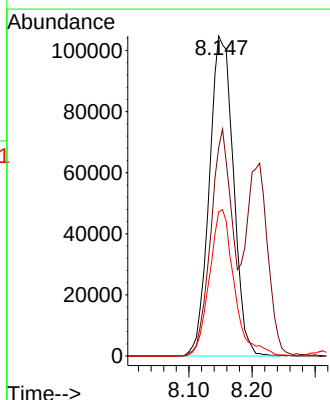
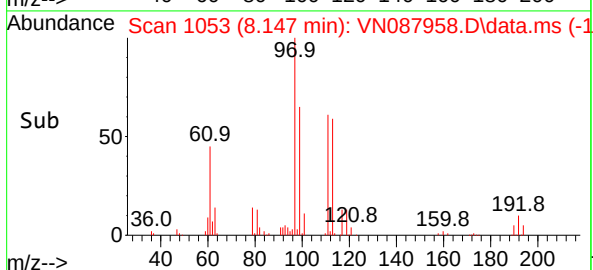
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

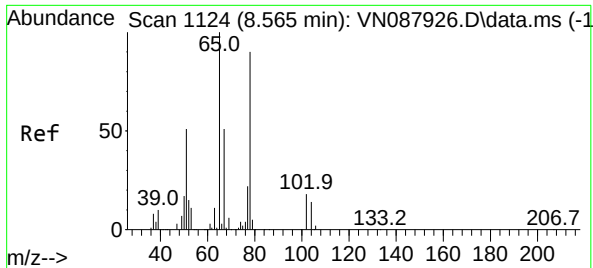


#32
1,1,1-Trichloroethane
Concen: 53.518 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28



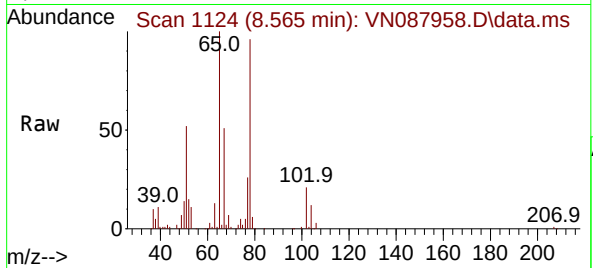
Tgt Ion: 97 Resp: 277241
Ion Ratio Lower Upper
97 100
99 62.2 51.1 76.7
61 47.2 38.6 58.0





#33
1,2-Dichloroethane-d4
Concen: 48.905 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

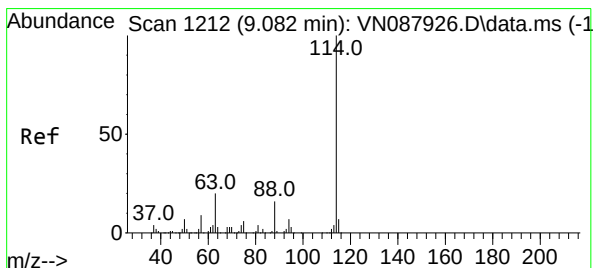
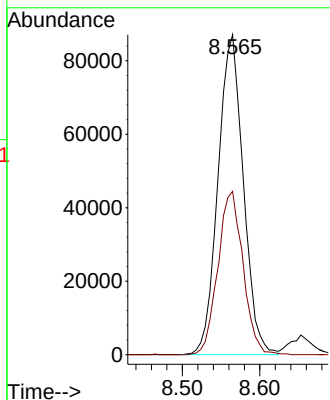
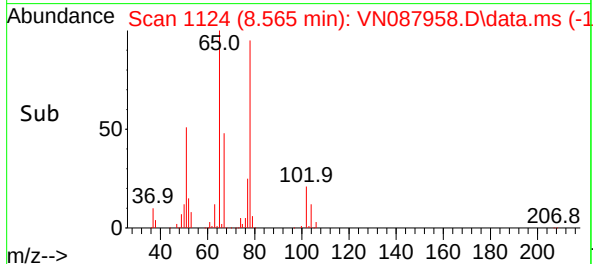
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD



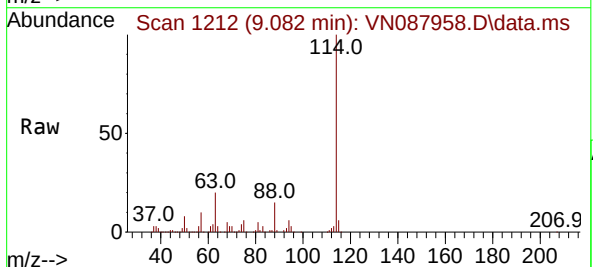
Tgt Ion: 65 Resp: 197860
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.4

Manual Integrations
APPROVED

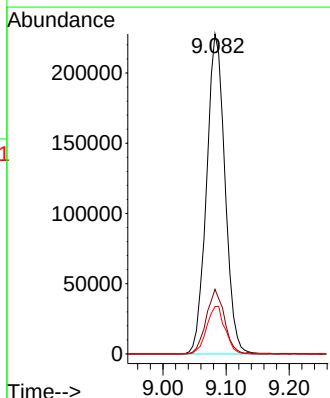
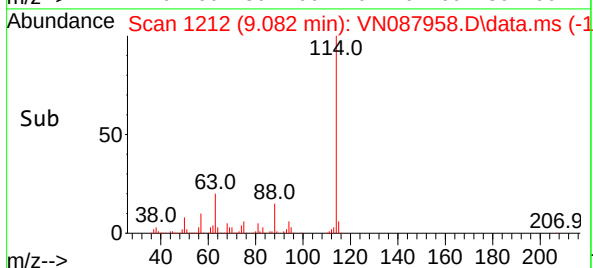
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

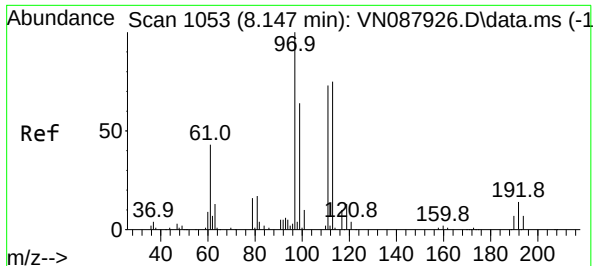


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28



Tgt Ion:114 Resp: 461373
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.0
88 14.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 45.263 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VN087958.D

Acq: 25 Sep 2025 16:28

Instrument :

MSVOA_N

ClientSampleId :

EME-TS14-01MSD

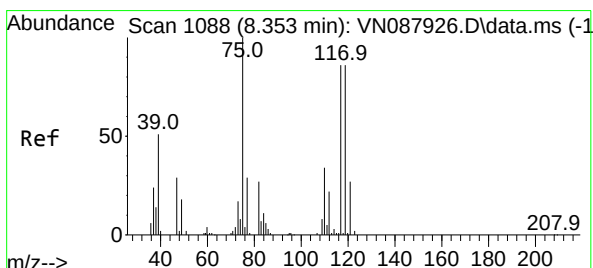
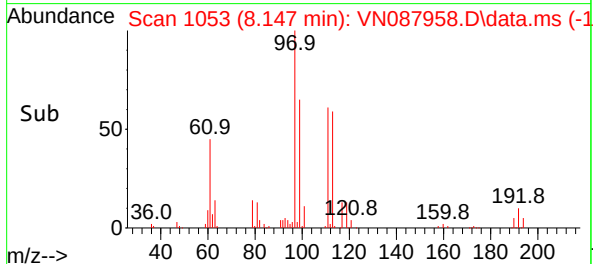
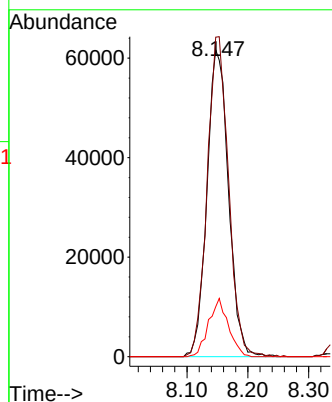
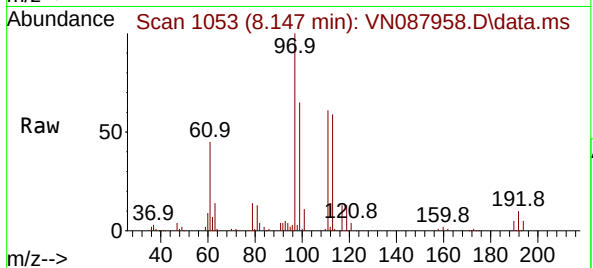
Tgt Ion:	113	Resp:	151624
Ion Ratio	Lower	Upper	
113	100		
111	103.1	82.2	123.2
192	17.4	14.2	21.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#36

1,1-Dichloropropene

Concen: 50.824 ug/l

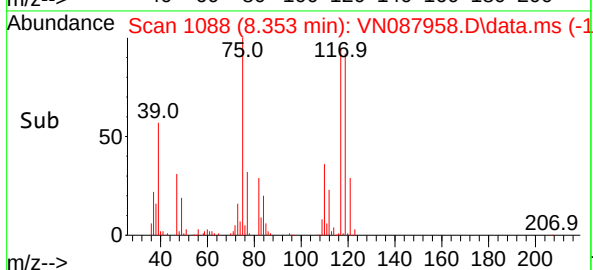
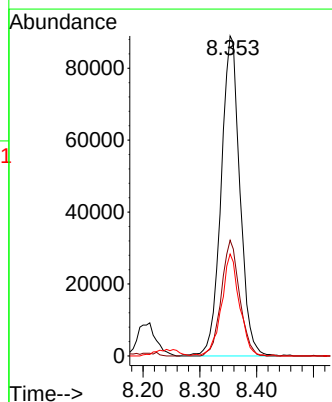
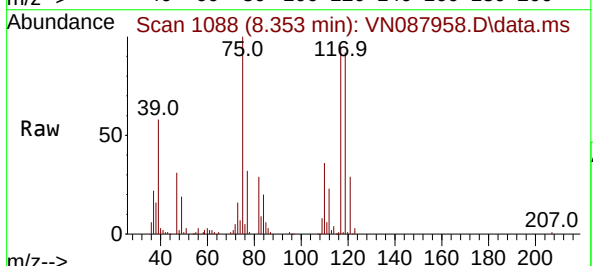
RT: 8.353 min Scan# 1088

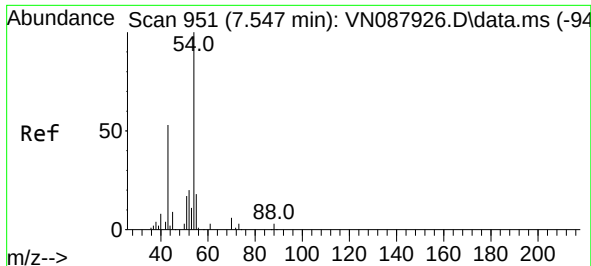
Delta R.T. -0.000 min

Lab File: VN087958.D

Acq: 25 Sep 2025 16:28

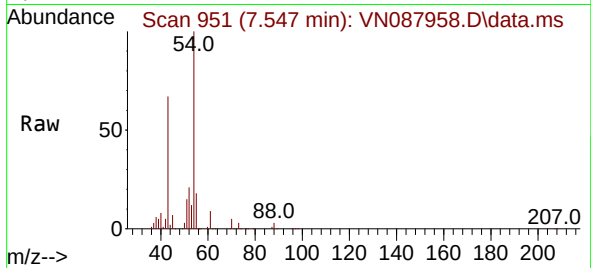
Tgt Ion:	75	Resp:	204718
Ion Ratio	Lower	Upper	
75	100		
110	35.1	17.1	51.3
77	30.5	24.8	37.2





#37
Ethyl Acetate
Concen: 50.600 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

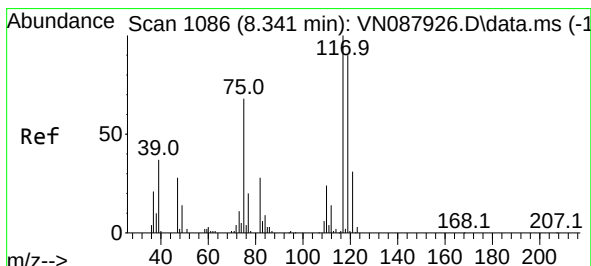
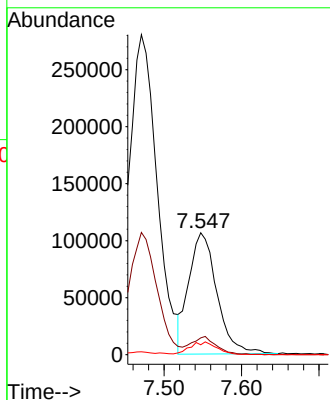
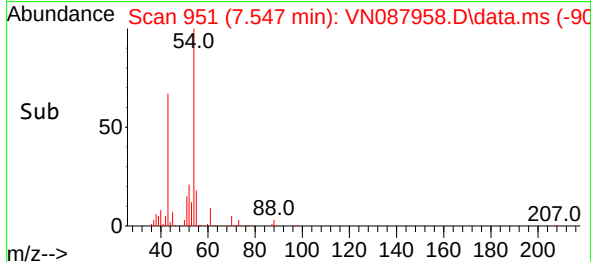
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD



Tgt Ion: 43 Resp: 267644
Ion Ratio Lower Upper
43 100
61 13.3 10.7 16.1
70 10.2 7.8 11.8

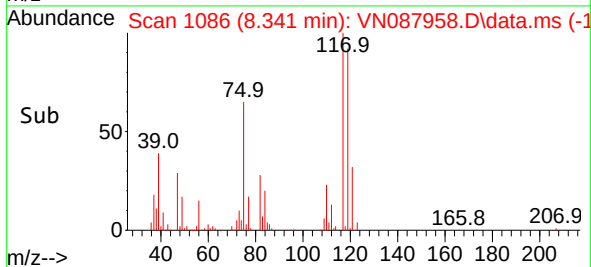
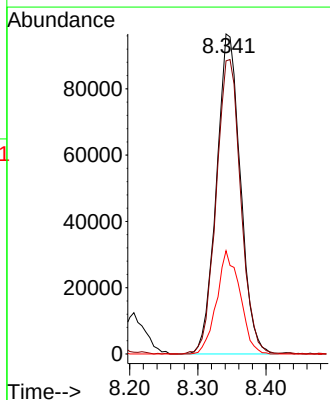
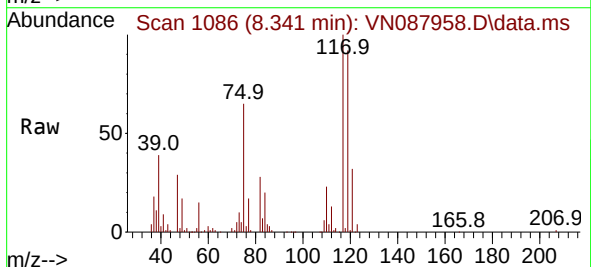
Manual Integrations
APPROVED

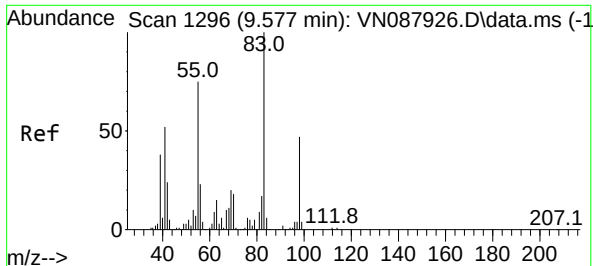
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#38
Carbon Tetrachloride
Concen: 51.123 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

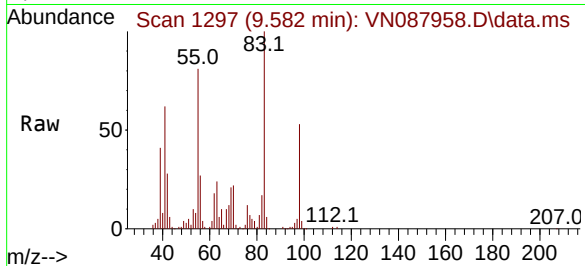
Tgt Ion:117 Resp: 236293
Ion Ratio Lower Upper
117 100
119 91.6 72.1 108.1
121 32.3 24.6 36.8





#39
Methylcyclohexane
Concen: 49.748 ug/l
RT: 9.582 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

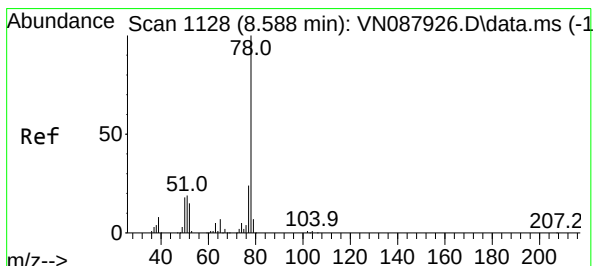
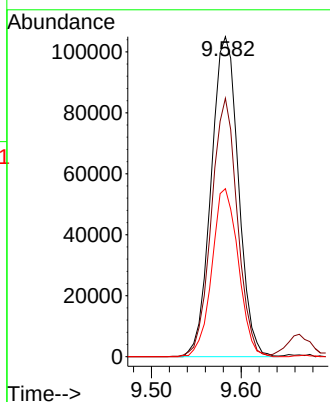
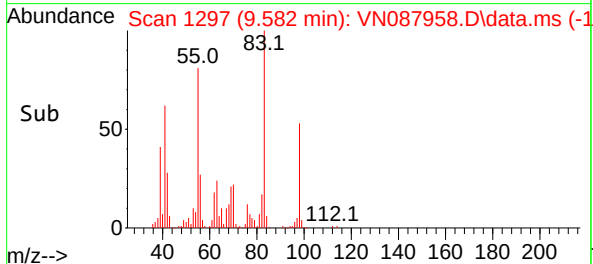
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD



Tgt Ion: 83 Resp: 221056
Ion Ratio Lower Upper
83 100
55 80.6 59.9 89.9
98 52.5 37.4 56.2

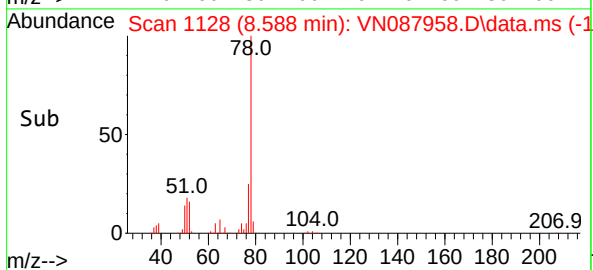
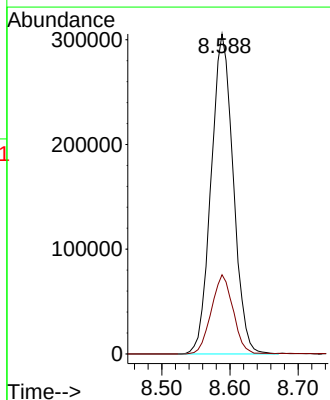
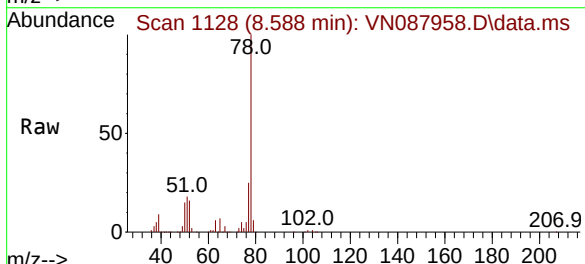
Manual Integrations
APPROVED

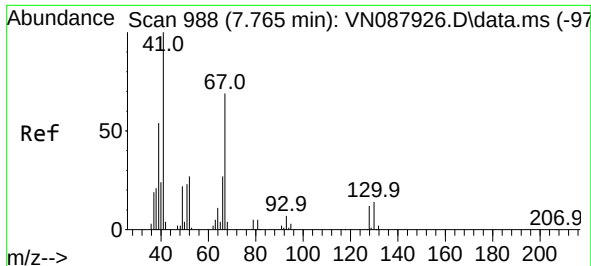
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#40
Benzene
Concen: 51.664 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

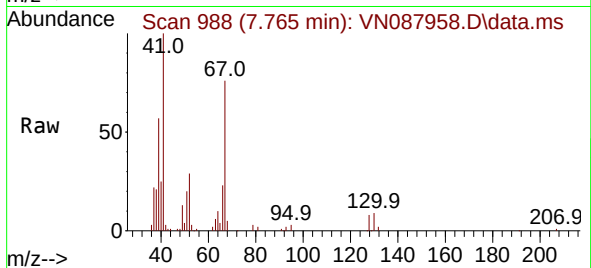
Tgt Ion: 78 Resp: 689039
Ion Ratio Lower Upper
78 100
77 24.8 19.0 28.6





#41
Methacrylonitrile
Concen: 54.670 ug/l
RT: 7.765 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

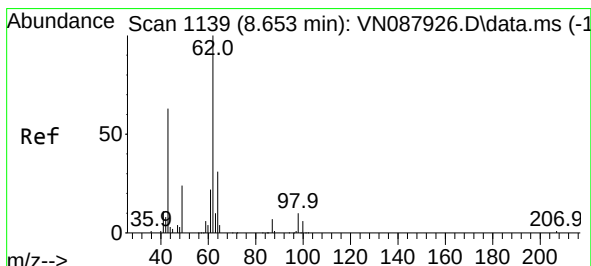
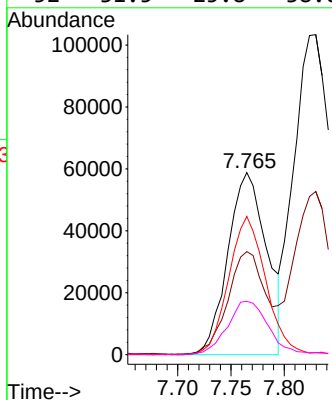
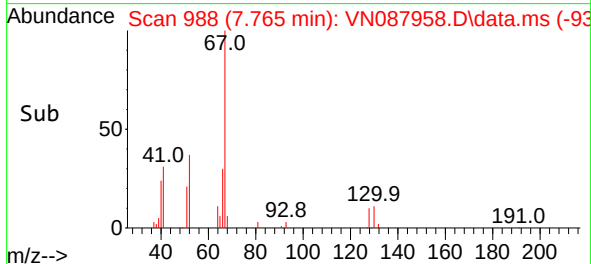
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD



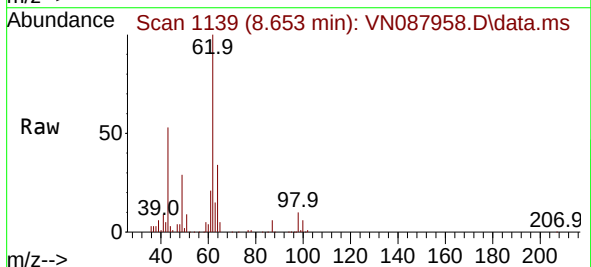
Tgt Ion: 41 Resp: 149440
Ion Ratio Lower Upper
41 100
39 53.4 43.5 65.3
67 73.0 57.6 86.4
52 31.5 25.8 38.6

Manual Integrations
APPROVED

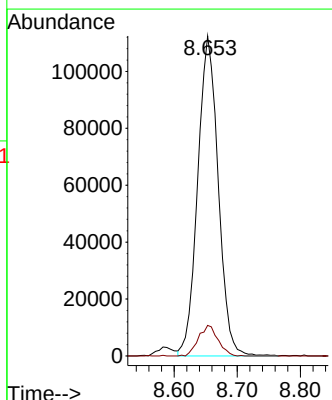
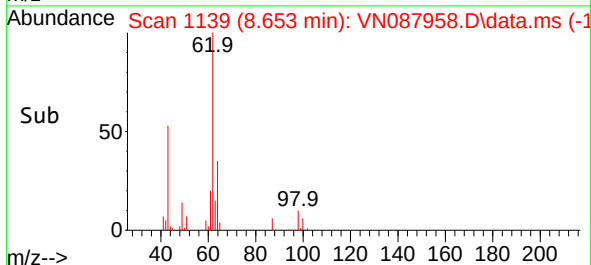
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

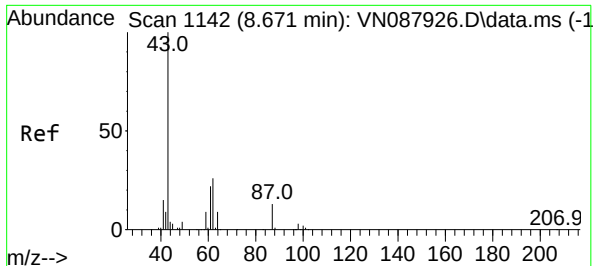


#42
1,2-Dichloroethane
Concen: 50.984 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28



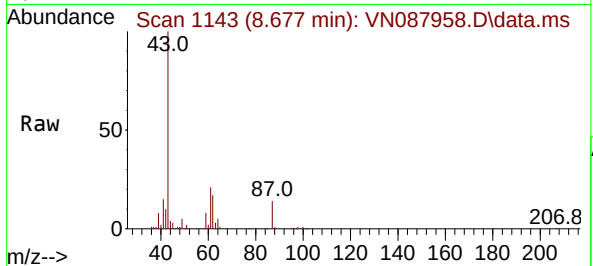
Tgt Ion: 62 Resp: 253749
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.6





#43
Isopropyl Acetate
Concen: 52.670 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

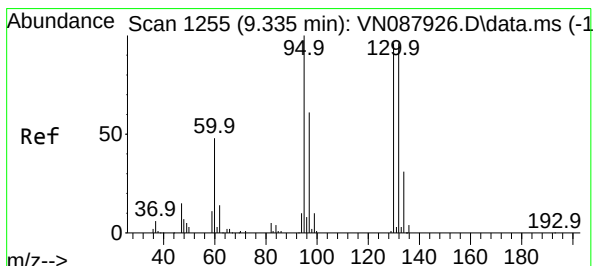
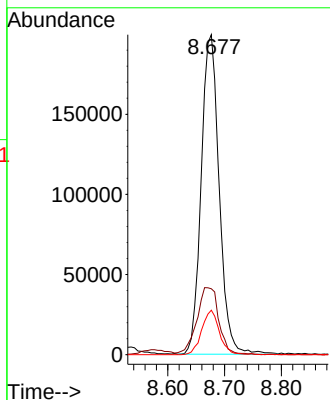
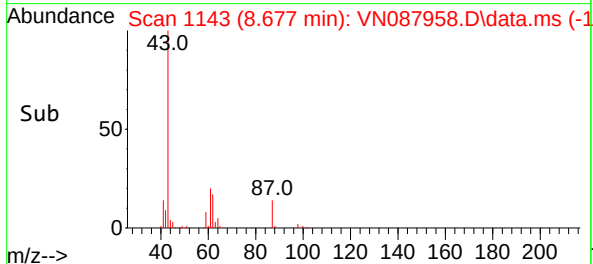
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD



Tgt Ion: 43 Resp: 438524
Ion Ratio Lower Upper
43 100
61 25.8 20.2 30.2
87 13.6 10.9 16.3

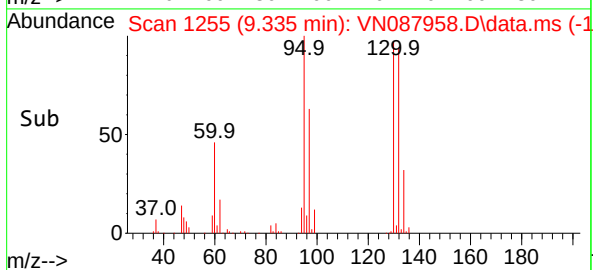
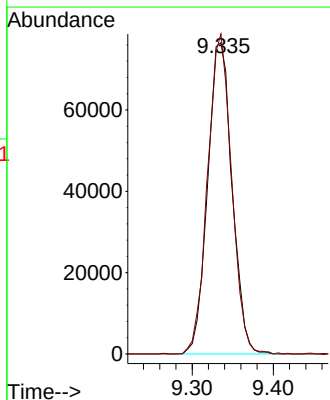
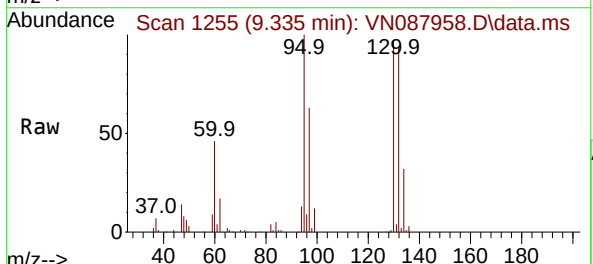
Manual Integrations
APPROVED

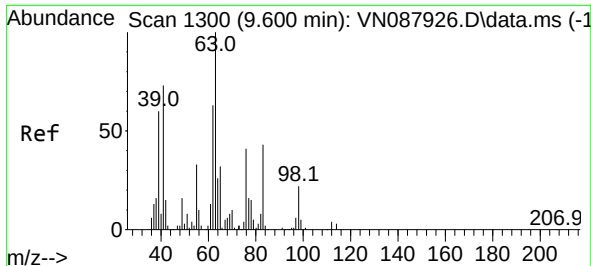
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#44
Trichloroethene
Concen: 50.257 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

Tgt Ion:130 Resp: 160105
Ion Ratio Lower Upper
130 100
95 102.8 0.0 208.0





#45

1,2-Dichloropropane

Concen: 51.274 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087958.D

Acq: 25 Sep 2025 16:28

Instrument :

MSVOA_N

ClientSampleId :

EME-TS14-01MSD

Tgt Ion: 63 Resp: 171474

Ion Ratio Lower Upper

63 100

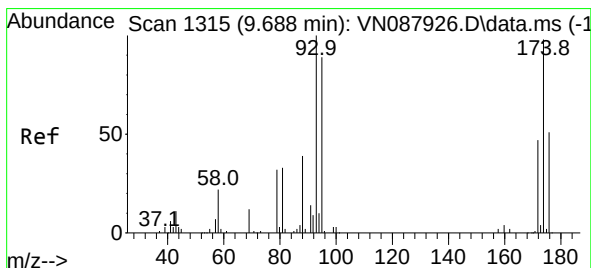
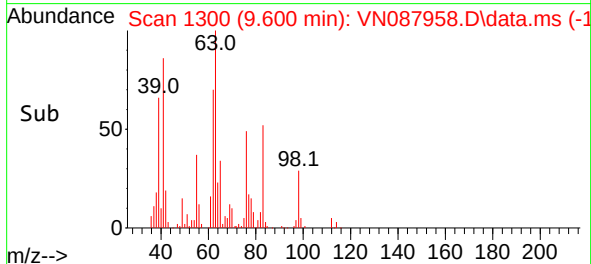
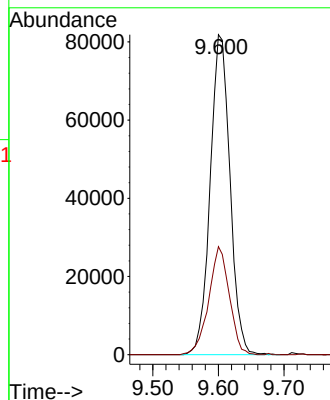
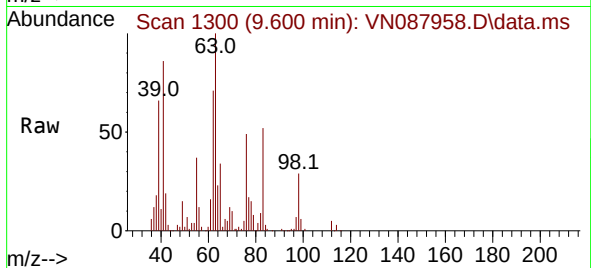
65 33.8 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#46

Dibromomethane

Concen: 51.337 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087958.D

Acq: 25 Sep 2025 16:28

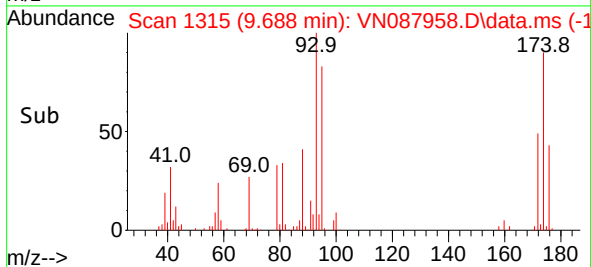
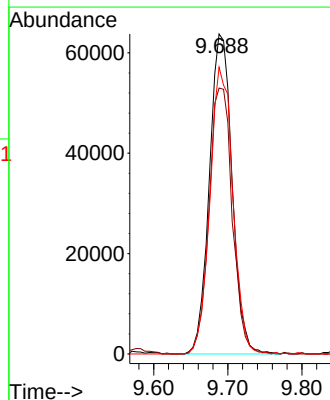
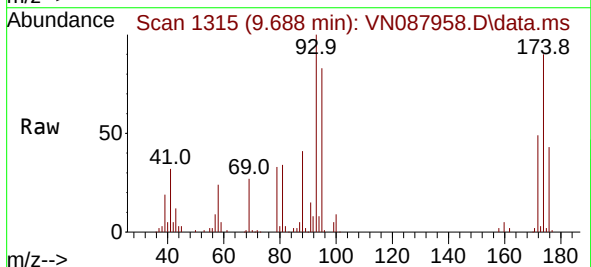
Tgt Ion: 93 Resp: 135472

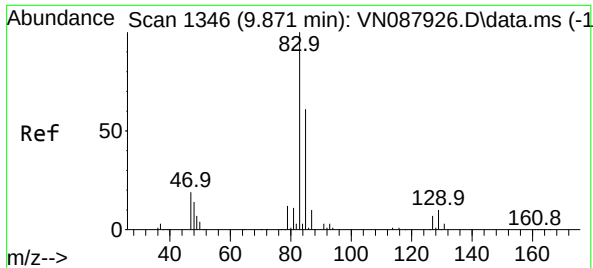
Ion Ratio Lower Upper

93 100

95 85.6 67.6 101.4

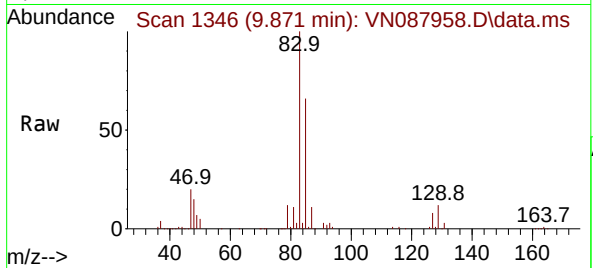
174 90.4 75.4 113.0





#47
Bromodichloromethane
Concen: 52.164 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

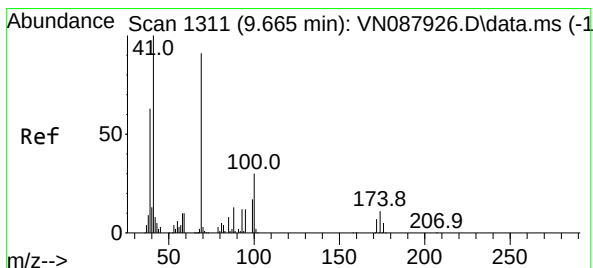
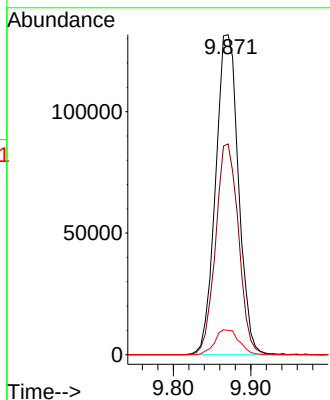
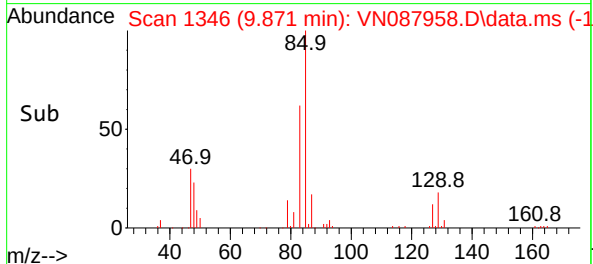
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD



Tgt Ion: 83 Resp: 26999
Ion Ratio Lower Upper
83 100
85 65.8 49.1 73.7
127 7.6 5.9 8.9

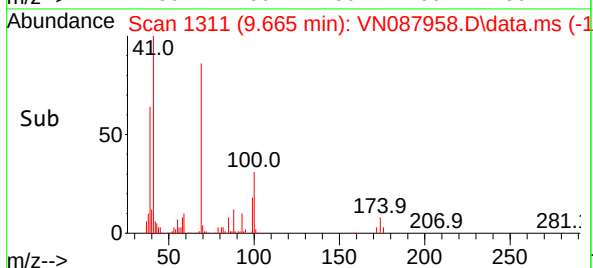
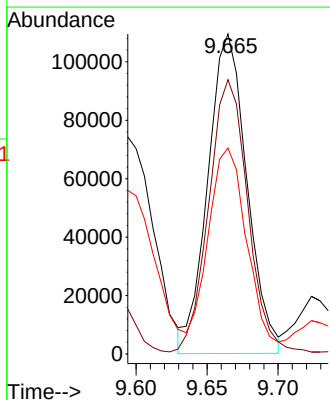
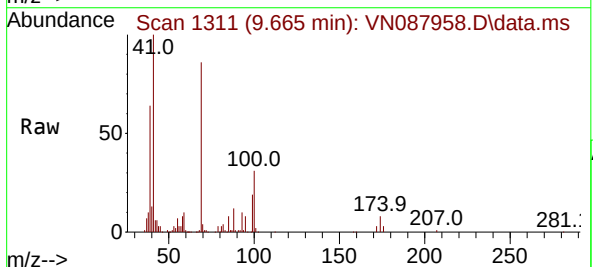
Manual Integrations
APPROVED

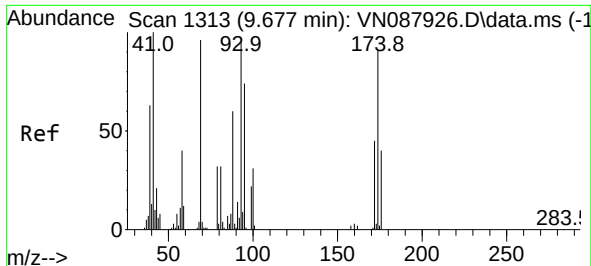
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#48
Methyl methacrylate
Concen: 54.280 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

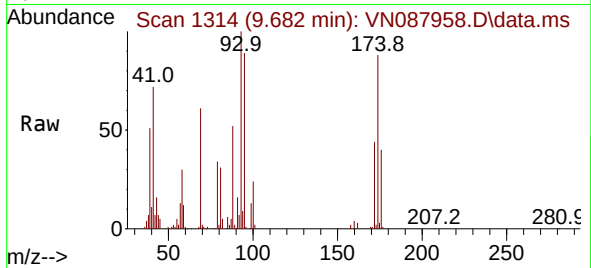
Tgt Ion: 41 Resp: 209285
Ion Ratio Lower Upper
41 100
69 86.9 70.9 106.3
39 64.4 52.9 79.3





#49
1,4-Dioxane
Concen: 1130.575 ug/l
RT: 9.682 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

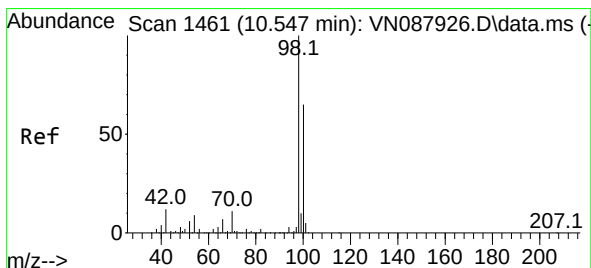
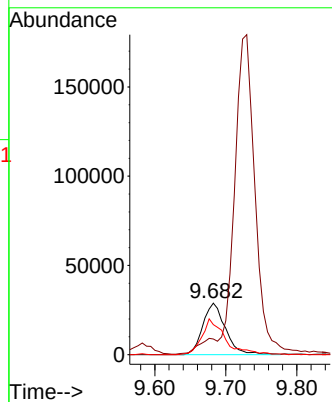
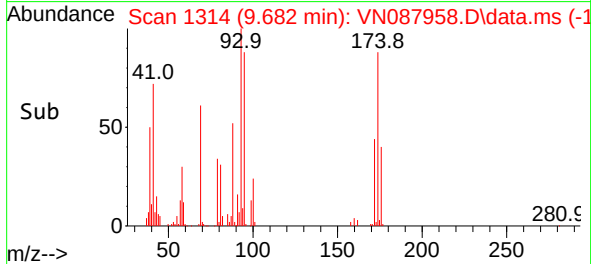
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD



Tgt Ion: 88 Resp: 6439
Ion Ratio Lower Upper
88 100
43 0.0 22.6 33.8
58 71.6 57.4 86.2

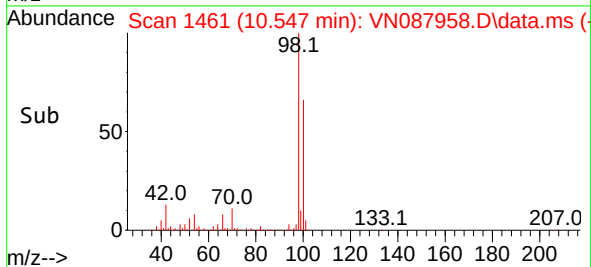
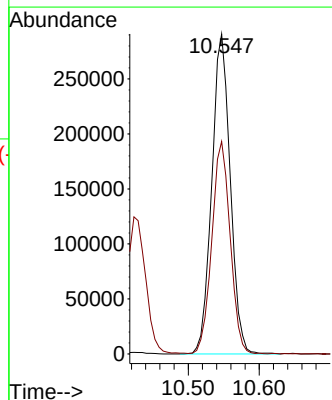
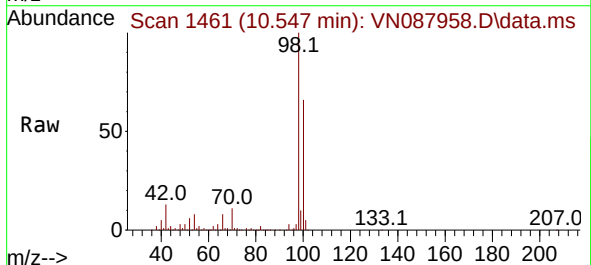
Manual Integrations
APPROVED

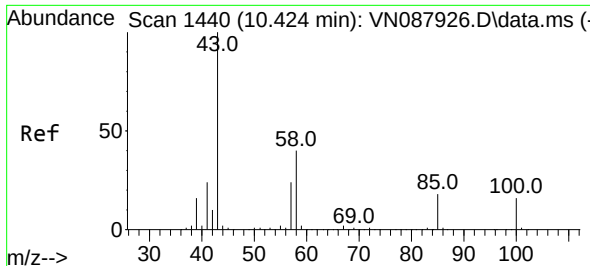
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#50
Toluene-d8
Concen: 44.485 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

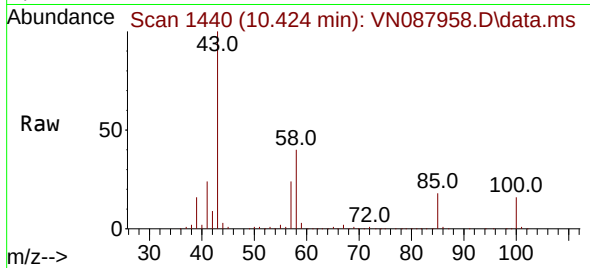
Tgt Ion: 98 Resp: 524034
Ion Ratio Lower Upper
98 100
100 65.9 51.7 77.5





#51
4-Methyl-2-Pentanone
Concen: 276.213 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

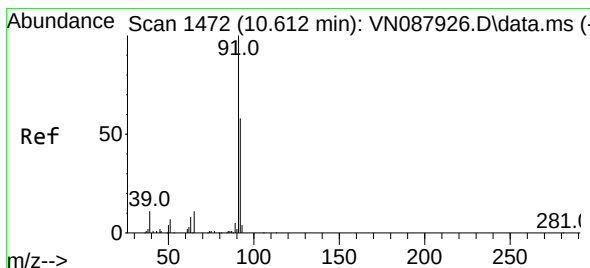
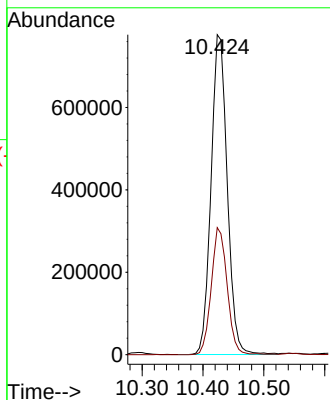
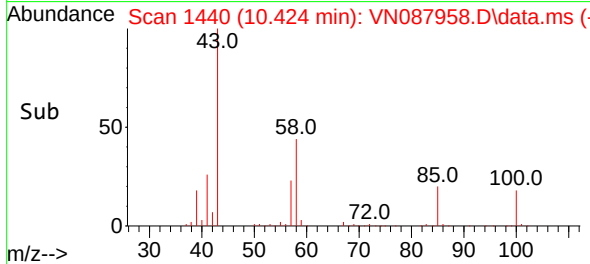
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD



Tgt Ion: 43 Resp: 143500
Ion Ratio Lower Upper
43 100
58 38.9 31.0 46.6

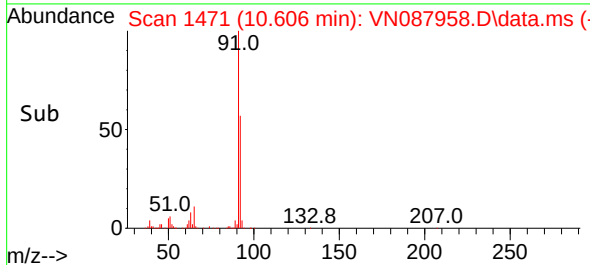
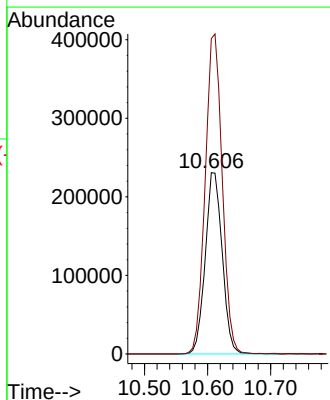
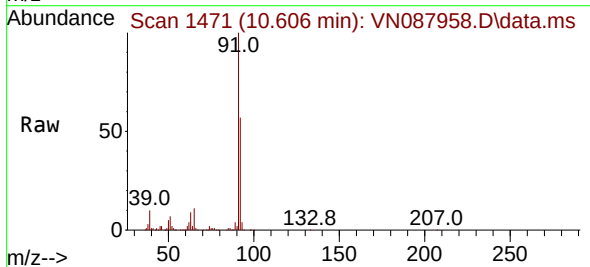
Manual Integrations
APPROVED

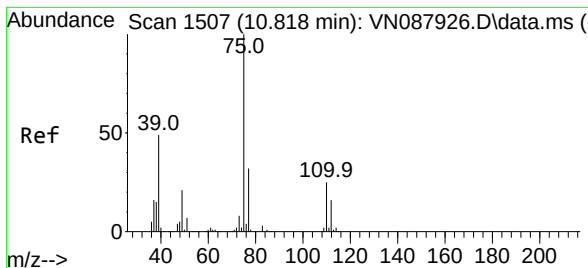
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#52
Toluene
Concen: 51.476 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

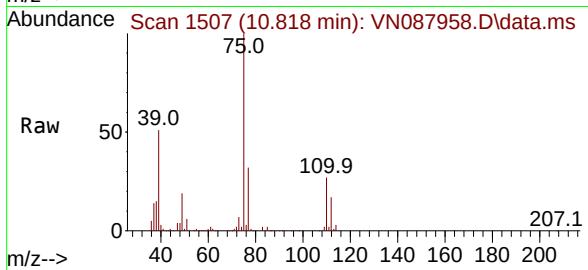
Tgt Ion: 92 Resp: 430816
Ion Ratio Lower Upper
92 100
91 177.3 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 51.363 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

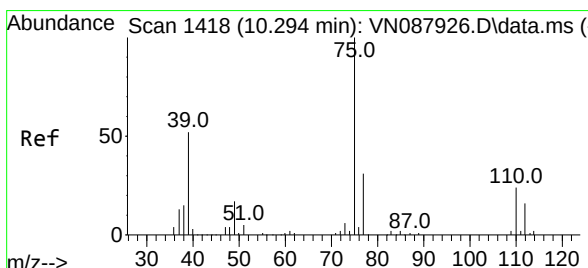
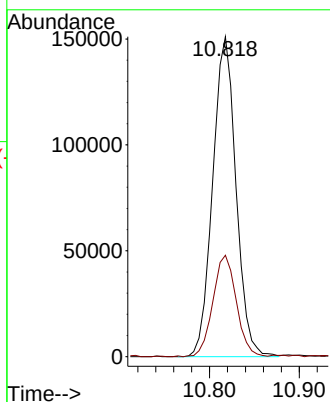
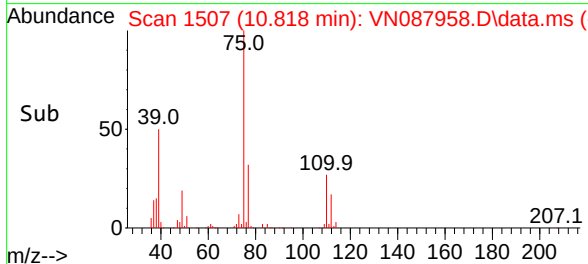
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD



Tgt Ion: 75 Resp: 272080
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9

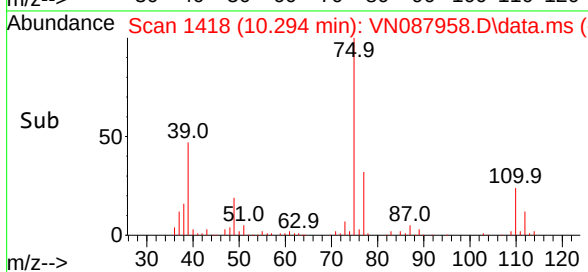
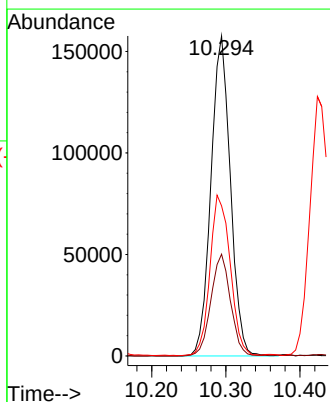
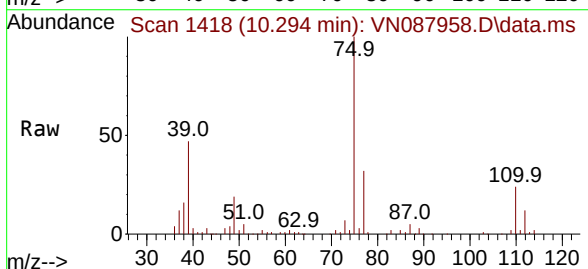
Manual Integrations
APPROVED

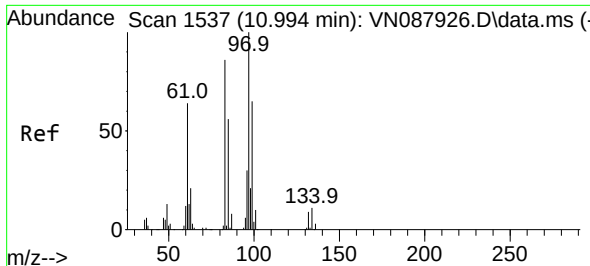
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#54
cis-1,3-Dichloropropene
Concen: 52.227 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

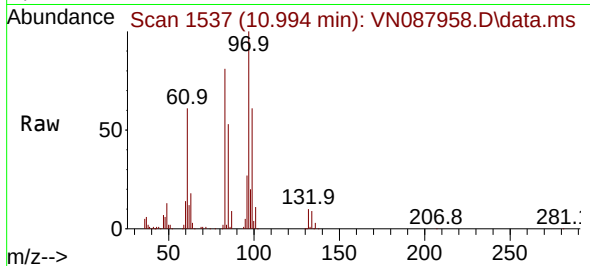
Tgt Ion: 75 Resp: 287341
Ion Ratio Lower Upper
75 100
77 31.8 24.7 37.1
39 46.8 41.4 62.0





#55
1,1,2-Trichloroethane
Concen: 52.302 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

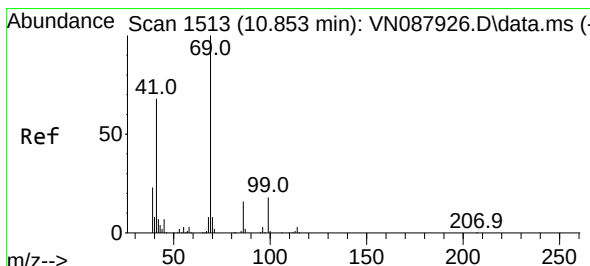
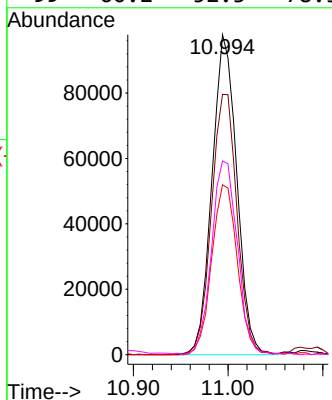
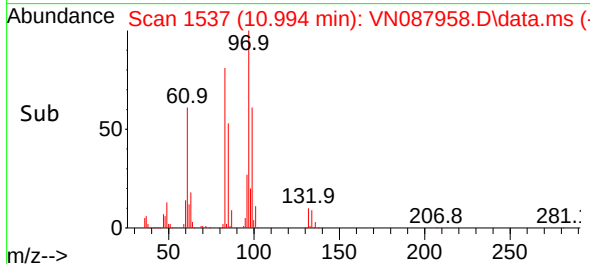
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD



Tgt Ion: 97 Resp: 17798
Ion Ratio Lower Upper
97 100
83 81.4 69.0 103.4
85 52.7 44.4 66.6
99 60.2 52.3 78.5

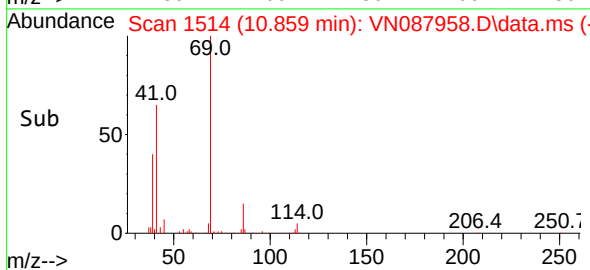
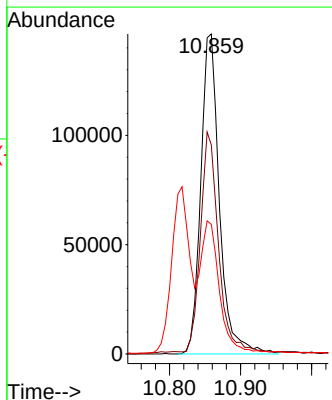
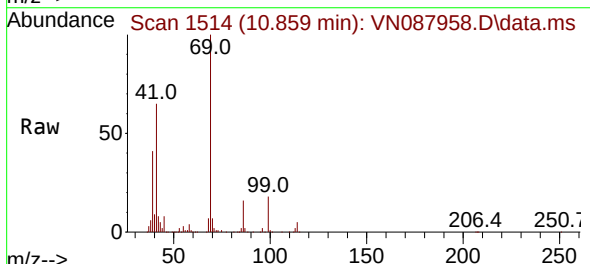
Manual Integrations
APPROVED

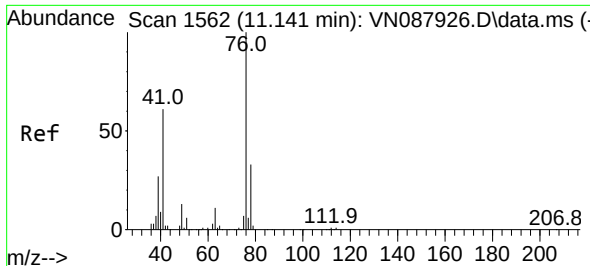
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#56
Ethyl methacrylate
Concen: 54.524 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

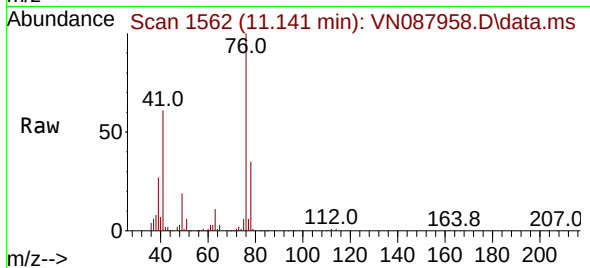
Tgt Ion: 69 Resp: 268097
Ion Ratio Lower Upper
69 100
41 66.9 53.8 80.6
39 41.5 34.7 52.1





#57
1,3-Dichloropropane
Concen: 52.617 ug/l
RT: 11.141 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

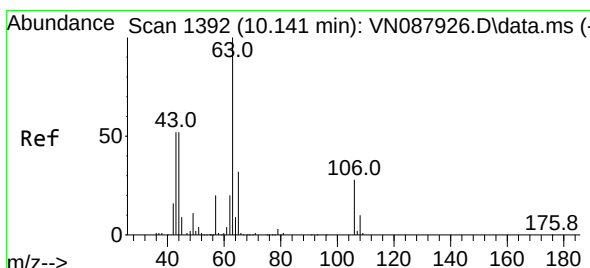
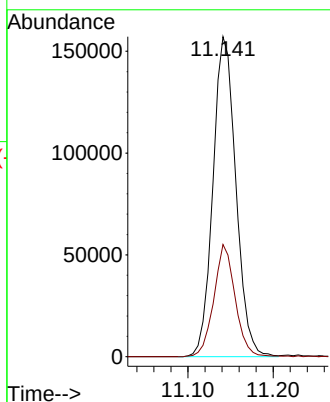
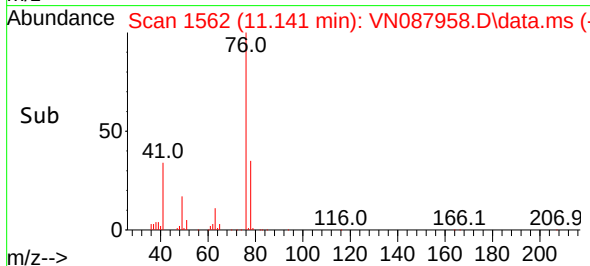
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD



Tgt Ion: 76 Resp: 29450
Ion Ratio Lower Upper
76 100
78 32.6 26.0 39.0

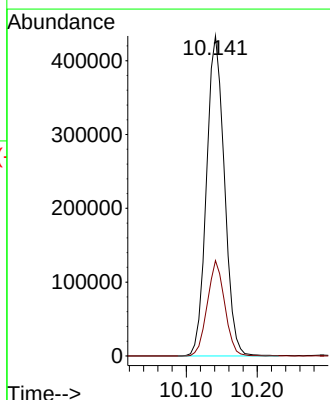
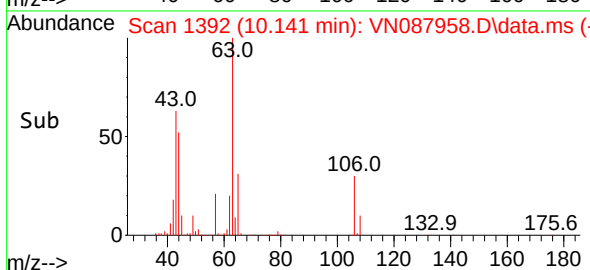
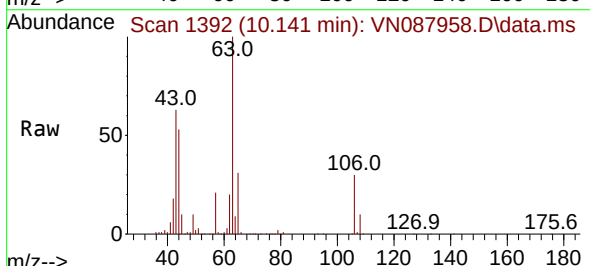
Manual Integrations
APPROVED

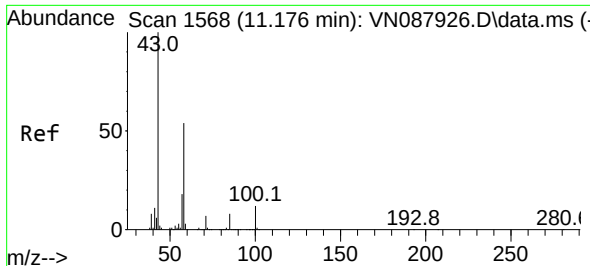
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#58
2-Chloroethyl Vinyl ether
Concen: 328.612 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

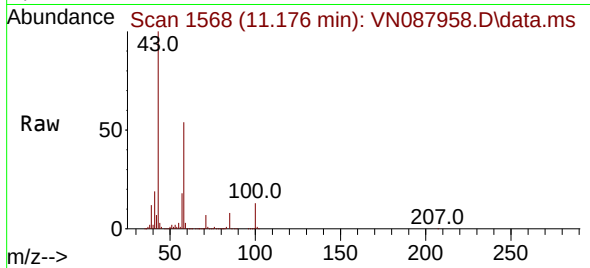
Tgt Ion: 63 Resp: 759725
Ion Ratio Lower Upper
63 100
106 28.9 22.6 33.8





#59
2-Hexanone
Concen: 291.025 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

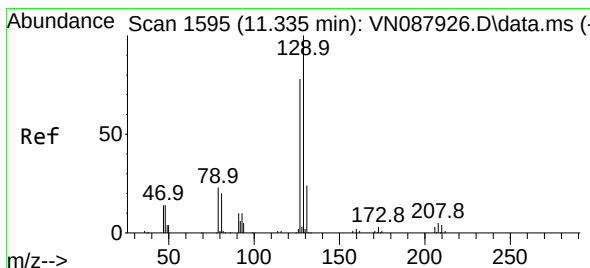
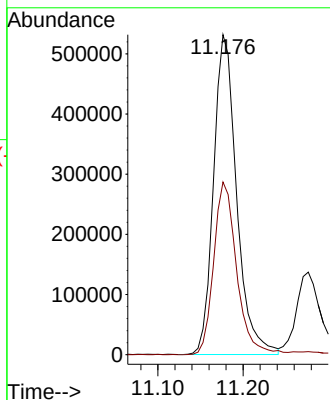
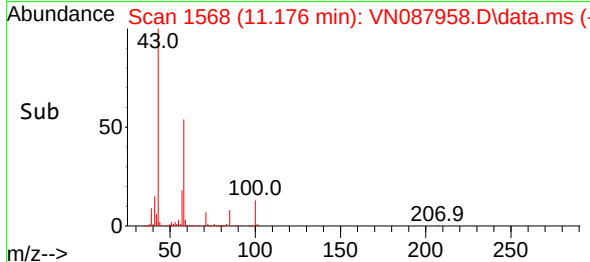
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD



Tgt Ion: 43 Resp: 99974
Ion Ratio Lower Upper
43 100
58 53.8 26.4 79.2

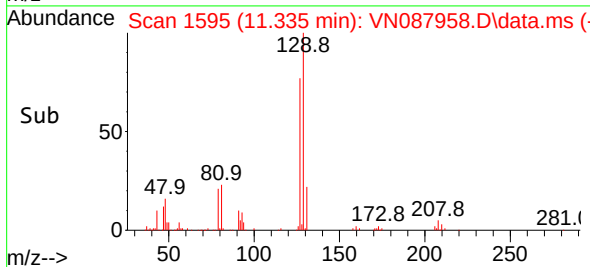
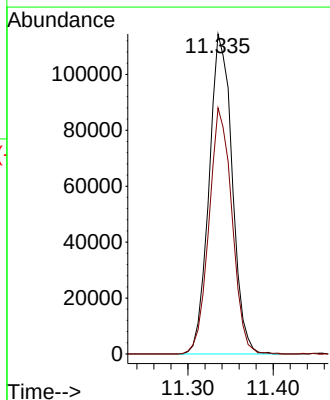
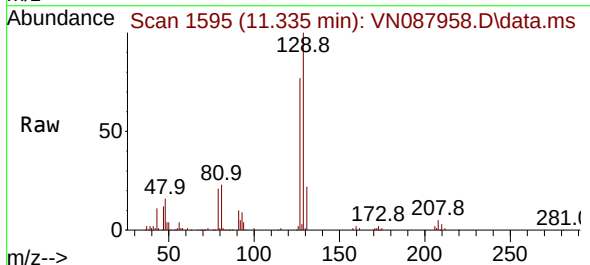
Manual Integrations
APPROVED

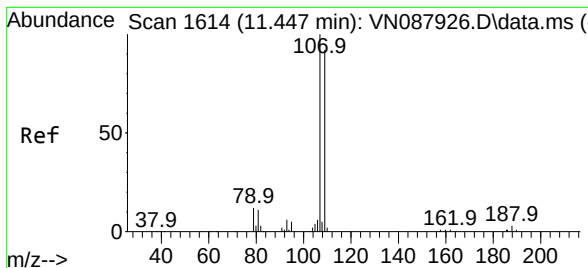
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#60
Dibromochloromethane
Concen: 53.803 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

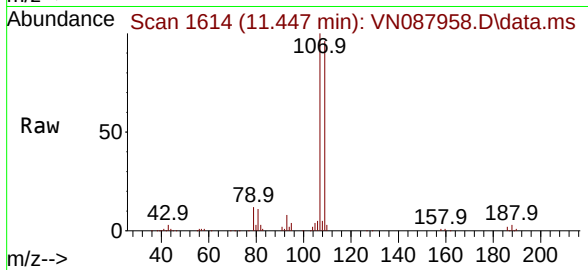
Tgt Ion:129 Resp: 215266
Ion Ratio Lower Upper
129 100
127 76.6 39.3 117.9





#61
1,2-Dibromoethane
Concen: 51.695 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

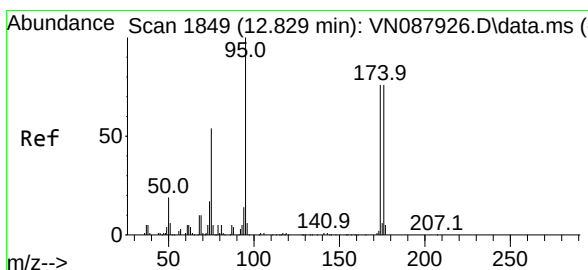
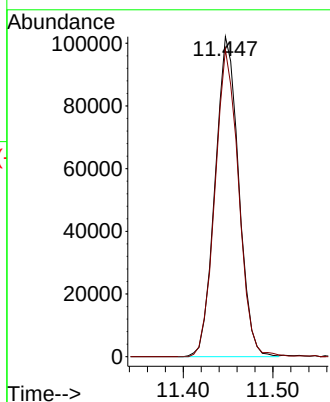
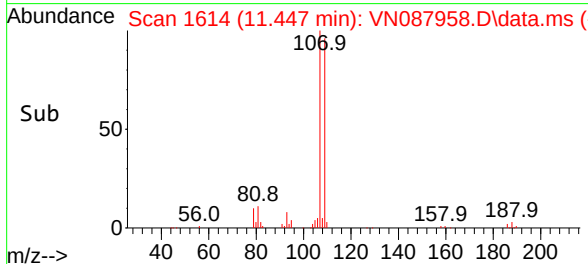
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD



Tgt Ion:107 Resp: 186230
Ion Ratio Lower Upper
107 100
109 96.2 75.3 112.9

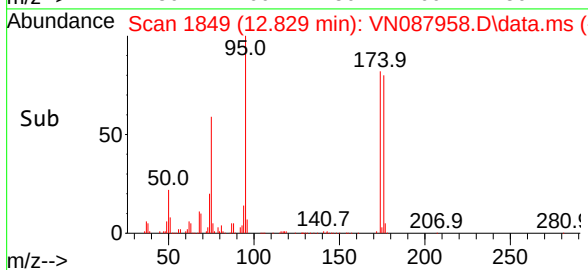
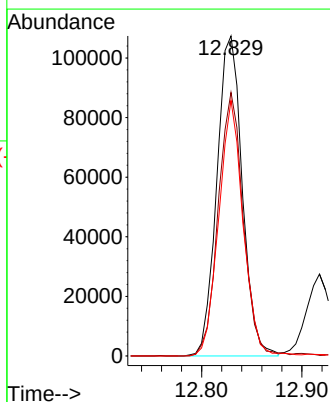
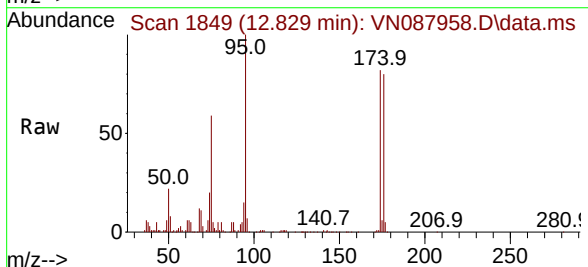
Manual Integrations
APPROVED

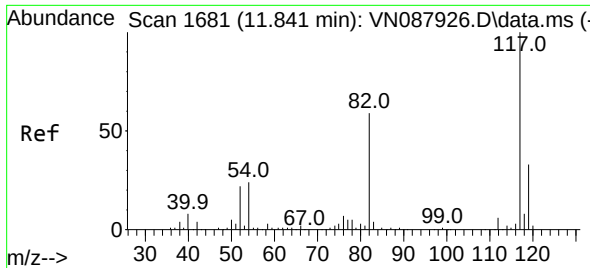
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#62
4-Bromofluorobenzene
Concen: 44.806 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

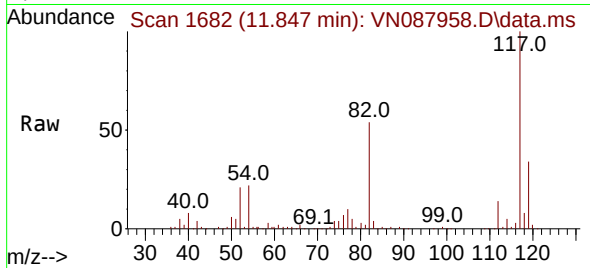
Tgt Ion: 95 Resp: 188664
Ion Ratio Lower Upper
95 100
174 80.5 0.0 159.2
176 76.6 0.0 152.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

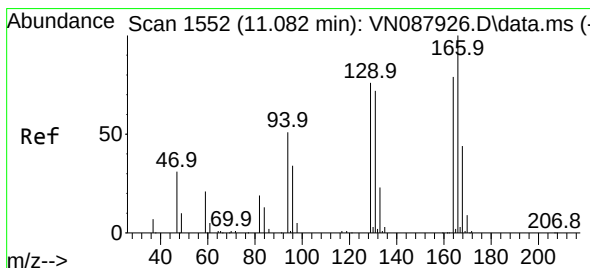
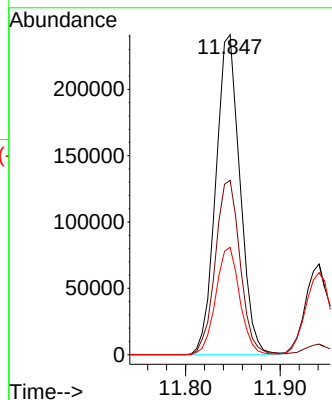
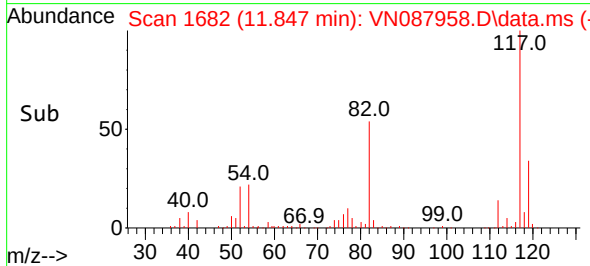
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD



Tgt Ion:117 Resp: 428179
Ion Ratio Lower Upper
117 100
82 54.5 47.0 70.4
119 33.6 26.1 39.1

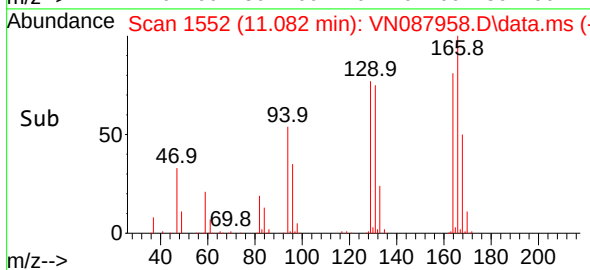
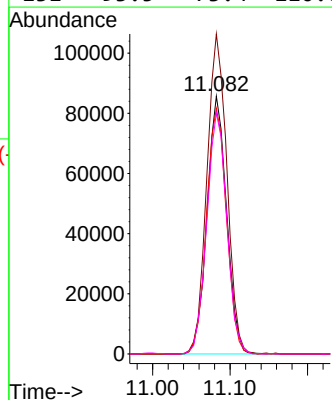
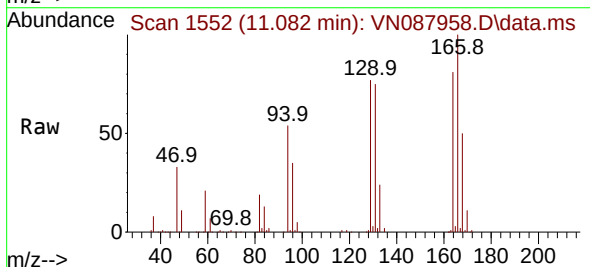
Manual Integrations
APPROVED

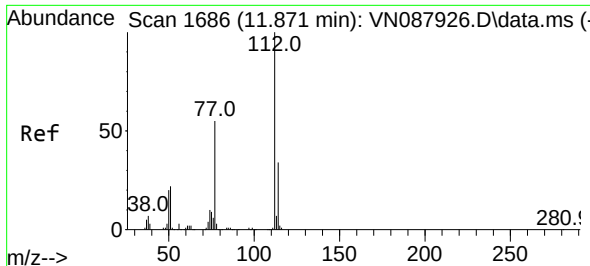
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#64
Tetrachloroethene
Concen: 57.822 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

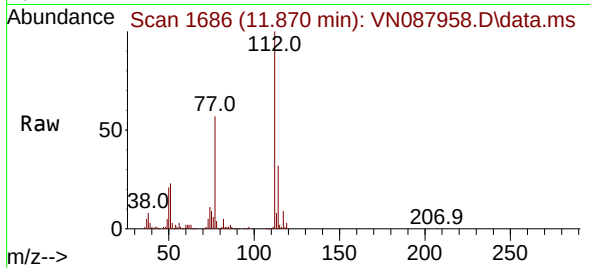
Tgt Ion:164 Resp: 150814
Ion Ratio Lower Upper
164 100
166 124.2 101.6 152.4
129 95.2 77.5 116.3
131 93.5 73.4 110.0





#65
Chlorobenzene
Concen: 52.970 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

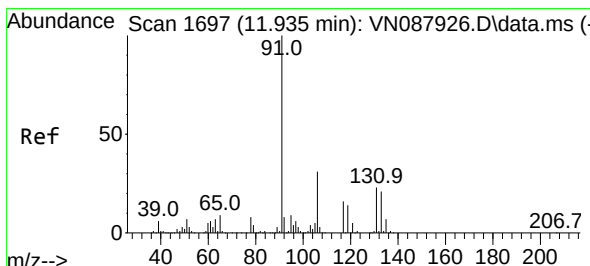
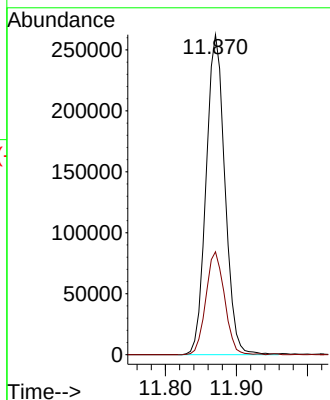
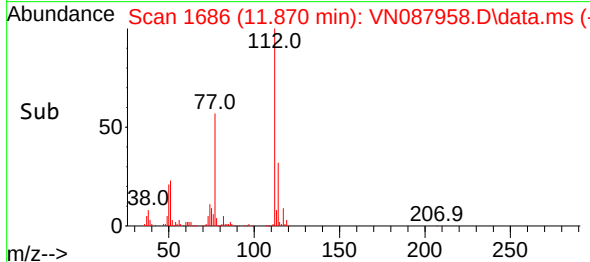
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD



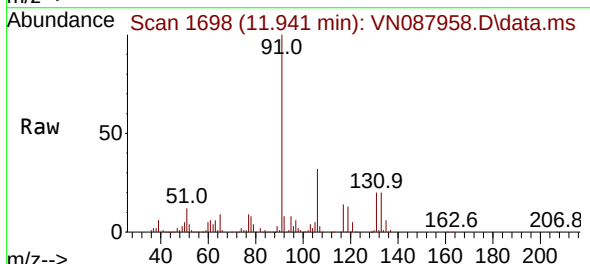
Tgt Ion:112 Resp: 48265
Ion Ratio Lower Upper
112 100
114 32.1 27.2 40.8

Manual Integrations
APPROVED

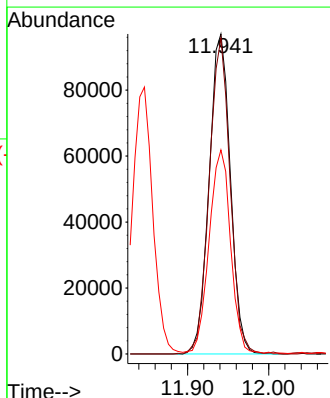
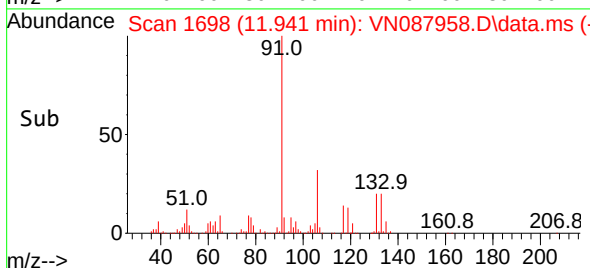
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

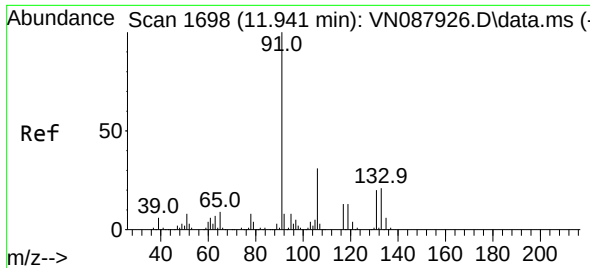


#66
1,1,1,2-Tetrachloroethane
Concen: 53.595 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28



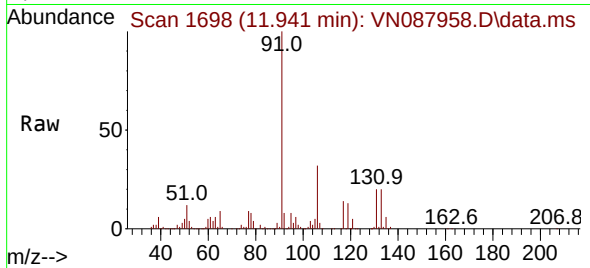
Tgt Ion:131 Resp: 176109
Ion Ratio Lower Upper
131 100
133 96.8 48.4 145.0
119 64.5 31.9 95.5





#67
Ethyl Benzene
Concen: 54.252 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

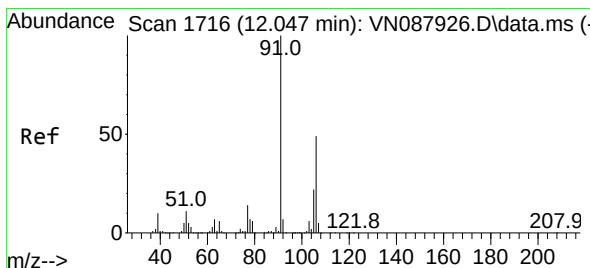
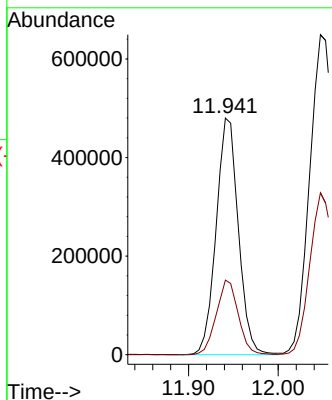
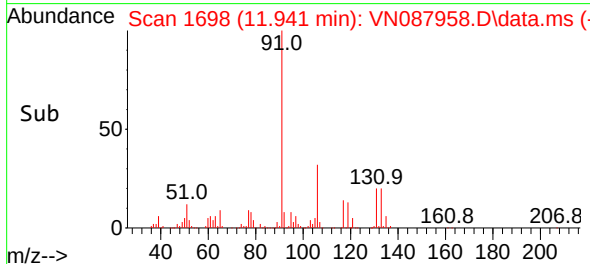
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD



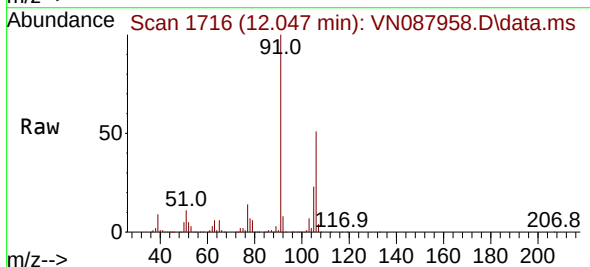
Tgt Ion: 91 Resp: 824870
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8

Manual Integrations
APPROVED

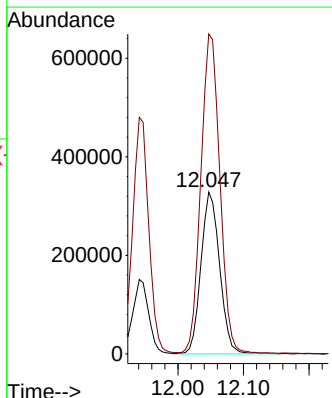
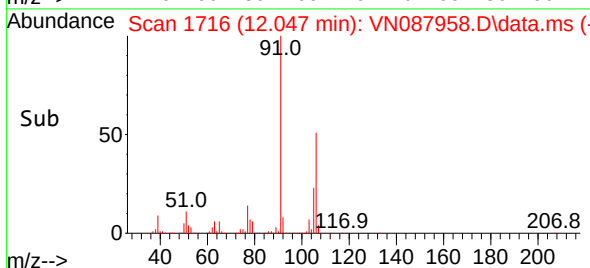
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

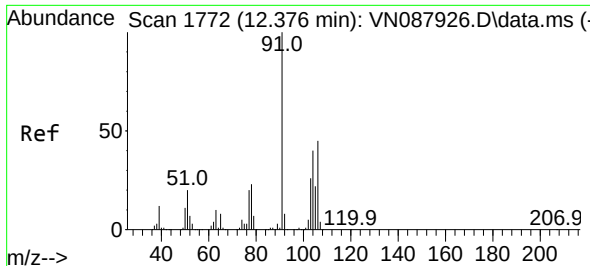


#68
m/p-Xylenes
Concen: 111.658 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28



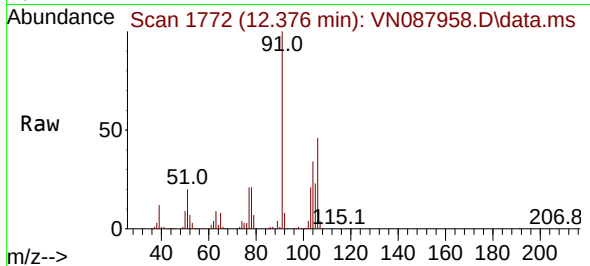
Tgt Ion:106 Resp: 649282
Ion Ratio Lower Upper
106 100
91 201.8 162.9 244.3





#69
o-Xylene
Concen: 55.585 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

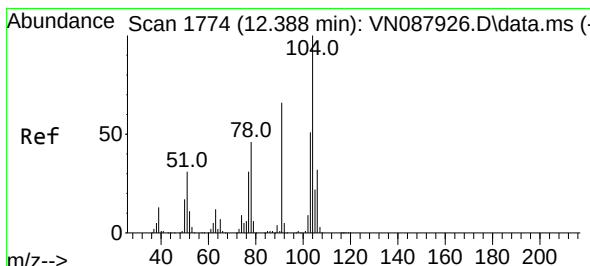
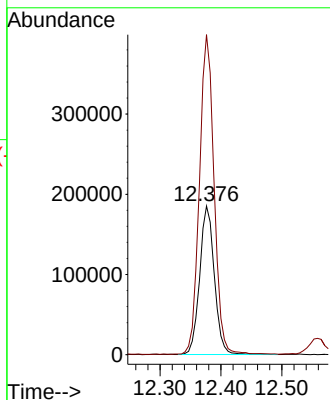
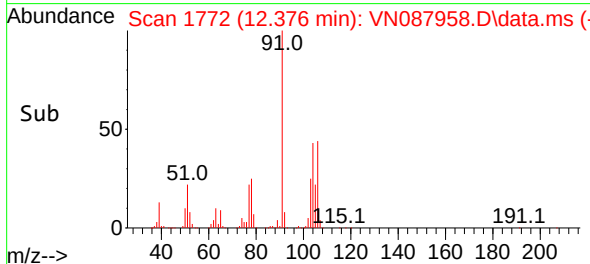
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD



Tgt Ion:106 Resp: 31053
Ion Ratio Lower Upper
106 100
91 214.9 108.2 324.6

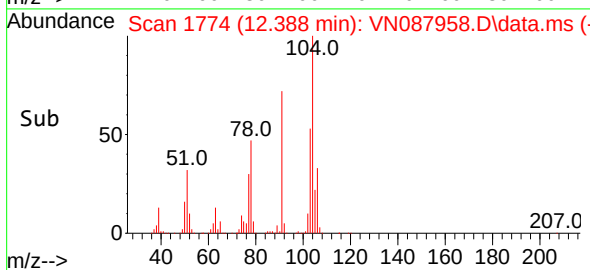
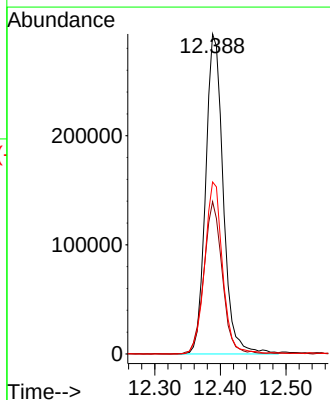
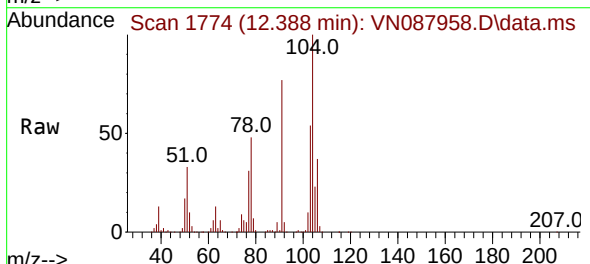
Manual Integrations
APPROVED

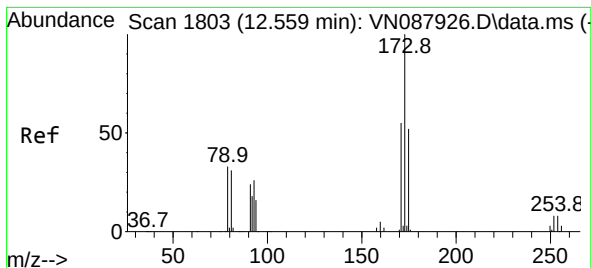
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#70
Styrene
Concen: 56.990 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

Tgt Ion:104 Resp: 546817
Ion Ratio Lower Upper
104 100
78 49.8 39.7 59.5
103 54.7 44.6 67.0





#71

Bromoform

Concen: 55.822 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VN087958.D

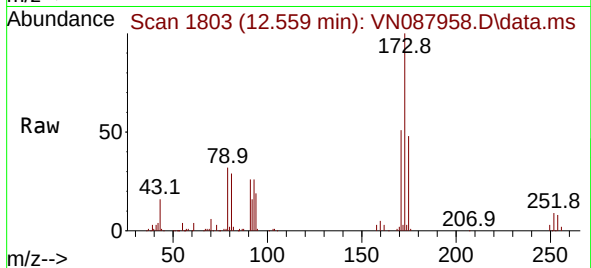
Acq: 25 Sep 2025 16:28

Instrument :

MSVOA_N

ClientSampleId :

EME-TS14-01MSD



Tgt Ion:173 Resp: 14881

Ion Ratio Lower Upper

173 100

175 49.2 23.7 71.1

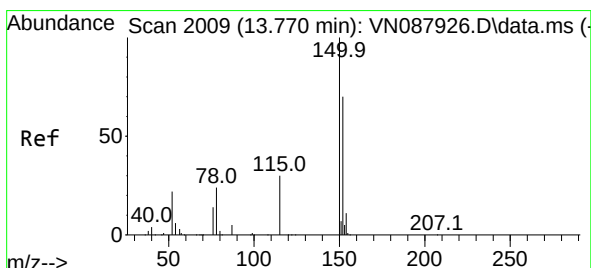
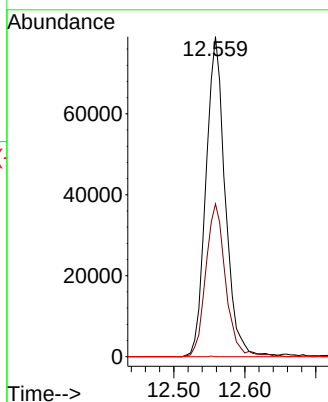
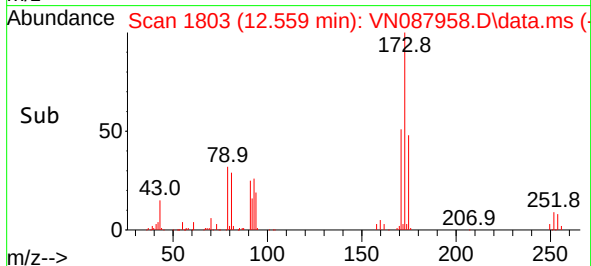
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carbone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. -0.000 min

Lab File: VN087958.D

Acq: 25 Sep 2025 16:28

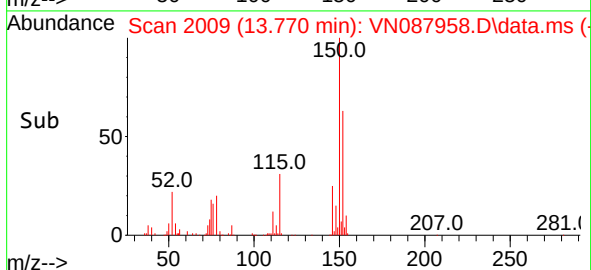
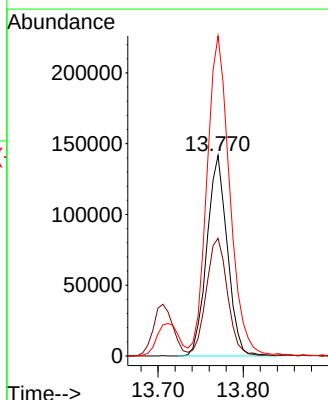
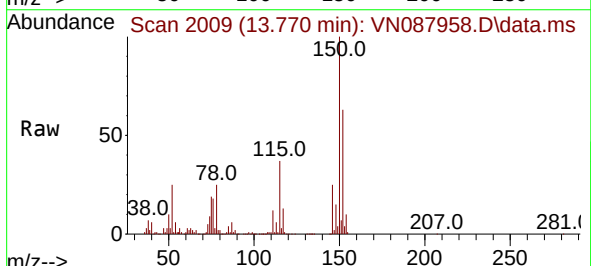
Tgt Ion:152 Resp: 236701

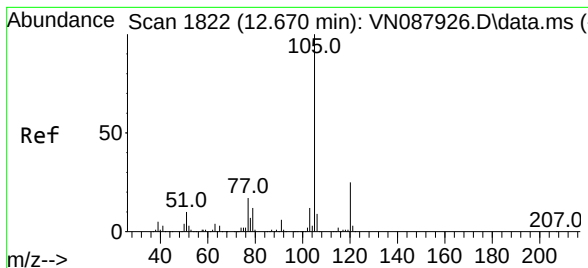
Ion Ratio Lower Upper

152 100

115 60.5 29.9 89.7

150 177.2 0.0 335.0





#73

Isopropylbenzene

Concen: 54.014 ug/l

RT: 12.676 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VN087958.D

Acq: 25 Sep 2025 16:28

Instrument :

MSVOA_N

ClientSampleId :

EME-TS14-01MSD

Tgt Ion:105 Resp: 792388

Ion Ratio Lower Upper

105 100

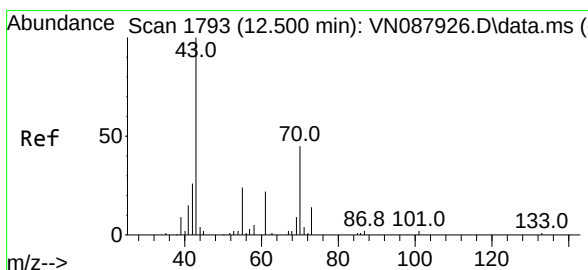
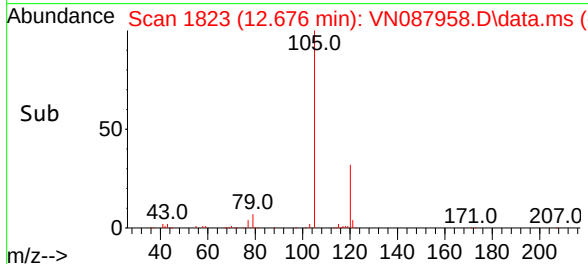
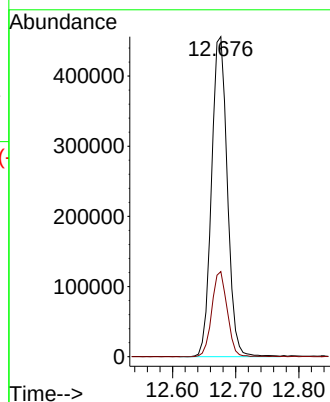
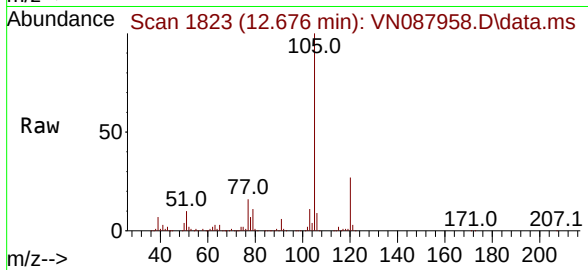
120 25.9 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#74

N-ethyl acetate

Concen: 49.098 ug/l m

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN087958.D

Acq: 25 Sep 2025 16:28

Tgt Ion: 43 Resp: 237322

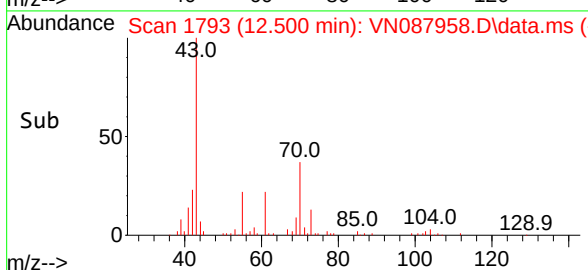
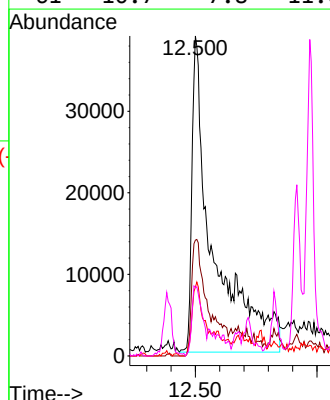
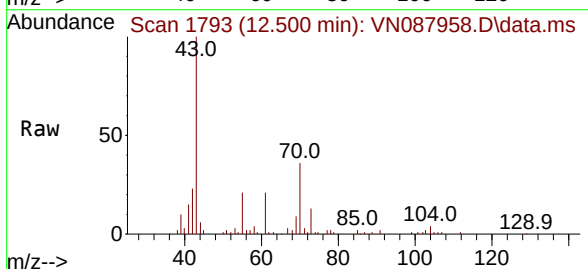
Ion Ratio Lower Upper

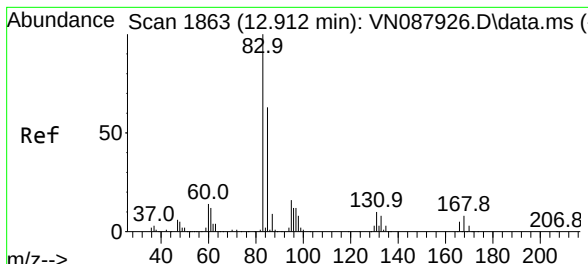
43 100

70 21.6 19.8 29.8

55 13.0 9.6 14.4

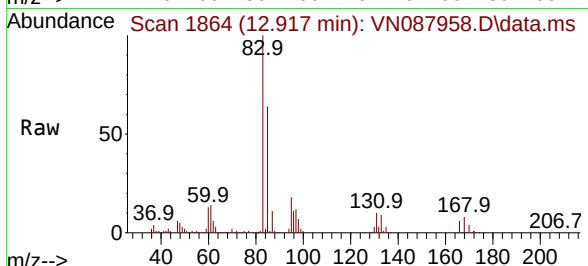
61 10.7 7.8 11.6





#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.832 ug/l
 RT: 12.917 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: VN087958.D
 Acq: 25 Sep 2025 16:28

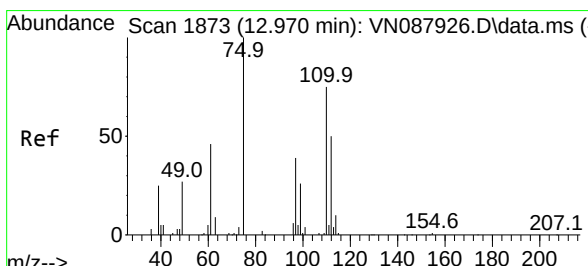
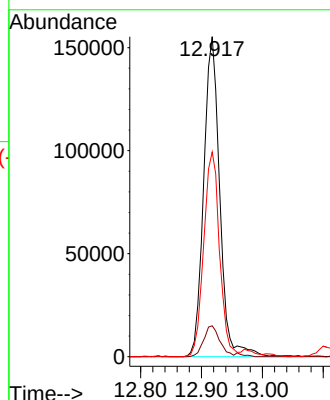
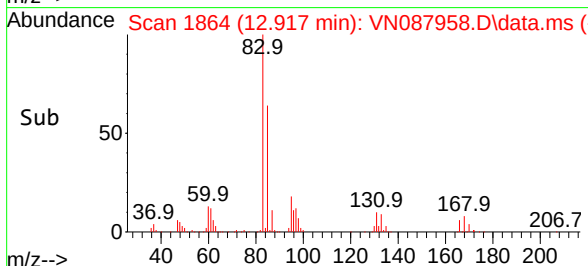
Instrument :
 MSVOA_N
 ClientSampleId :
 EME-TS14-01MSD



Tgt Ion: 83 Resp: 284539
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.2 15.6
 85 62.9 32.4 97.0

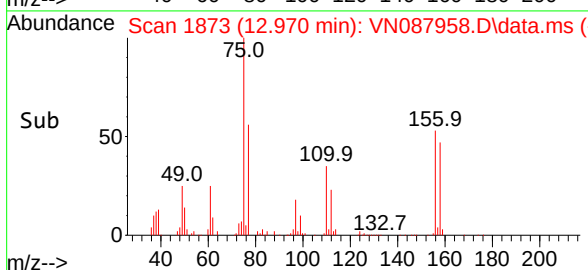
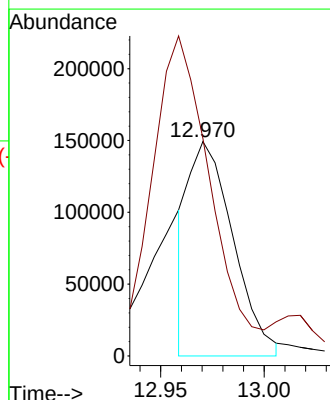
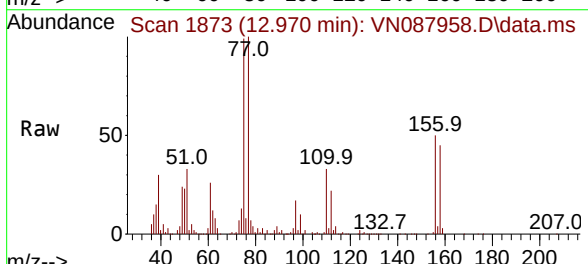
Manual Integrations
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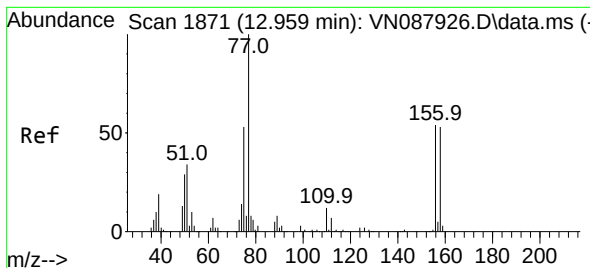
Reviewed By :John Carlone 09/26/2025
 Supervised By :Mahesh Dadoda 09/29/2025



#76
 1,2,3-Trichloropropane
 Concen: 47.775 ug/l m
 RT: 12.970 min Scan# 1873
 Delta R.T. -0.000 min
 Lab File: VN087958.D
 Acq: 25 Sep 2025 16:28

Tgt Ion: 75 Resp: 222912
 Ion Ratio Lower Upper
 75 100
 77 198.9 89.5 268.5





#77

Bromobenzene

Concen: 52.524 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN087958.D

Acq: 25 Sep 2025 16:28

Instrument :

MSVOA_N

ClientSampleId :

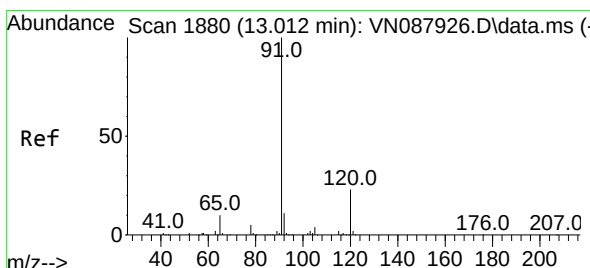
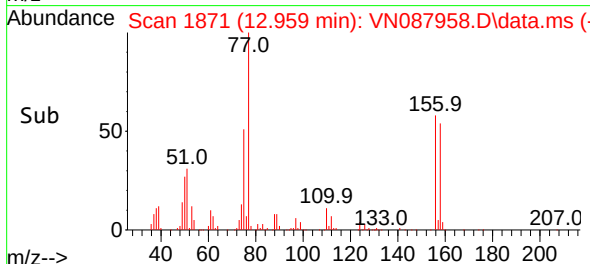
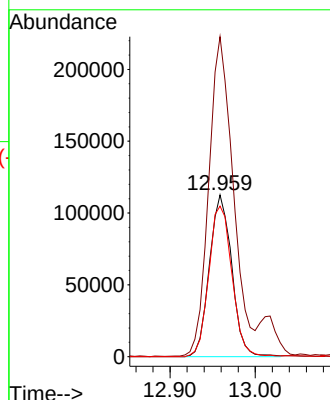
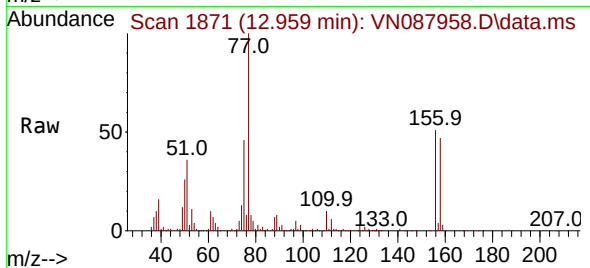
EME-TS14-01MSD

Tgt Ion:156 Resp: 205015
 Ion Ratio Lower Upper
 156 100
 77 216.2 108.2 324.6
 158 96.7 49.6 149.0

Manual Integrations

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Reviewed By :John Carlone 09/26/2025
 Supervised By :Mahesh Dadoda 09/29/2025



#78

n-propylbenzene

Concen: 53.317 ug/l

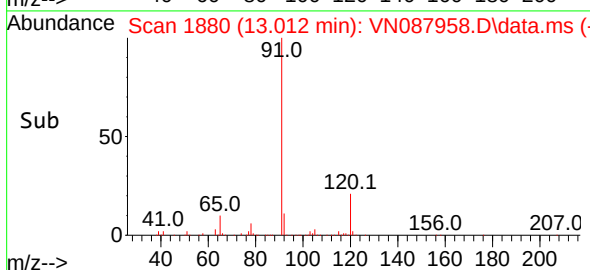
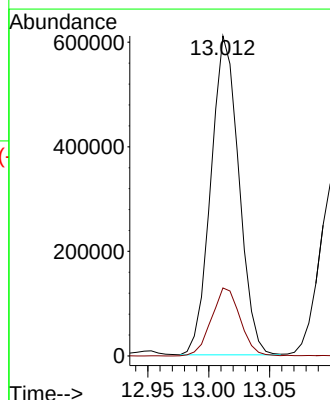
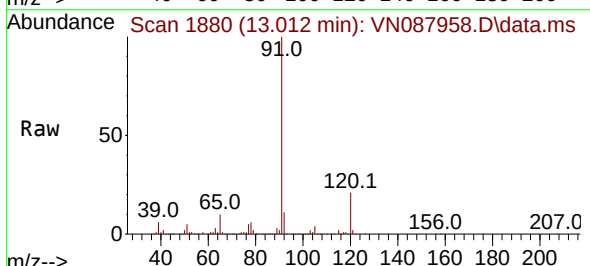
RT: 13.012 min Scan# 1880

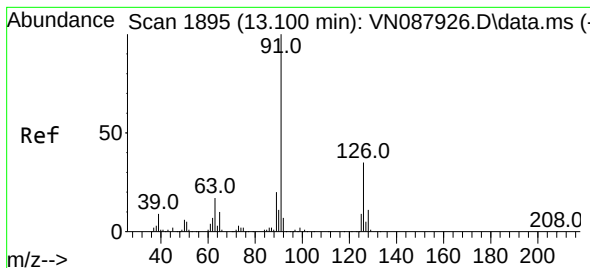
Delta R.T. -0.000 min

Lab File: VN087958.D

Acq: 25 Sep 2025 16:28

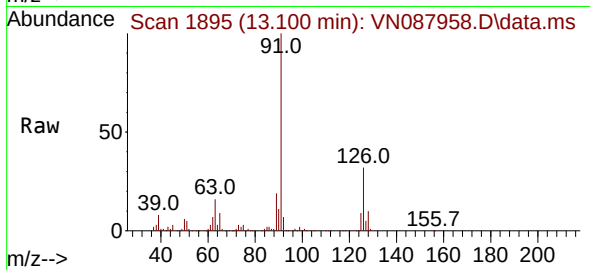
Tgt Ion: 91 Resp: 977906
 Ion Ratio Lower Upper
 91 100
 120 22.0 11.1 33.1





#79
2-Chlorotoluene
Concen: 52.118 ug/l
RT: 13.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

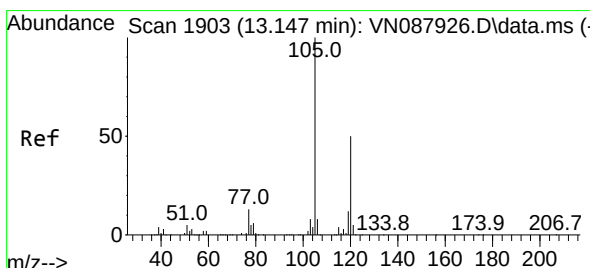
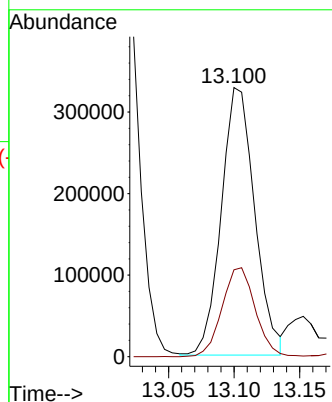
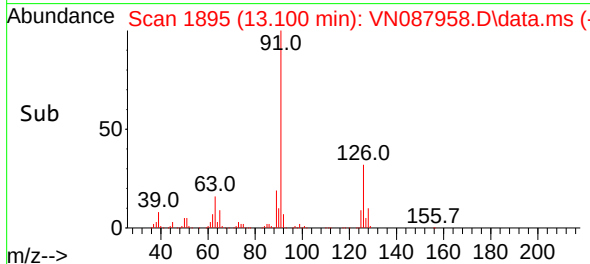
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD



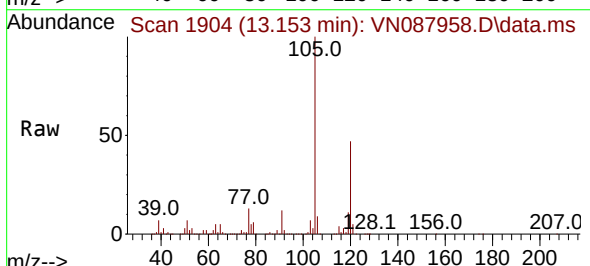
Tgt Ion: 91 Resp: 582052
Ion Ratio Lower Upper
91 100
126 33.1 16.6 49.8

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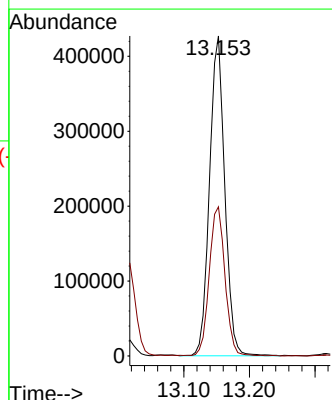
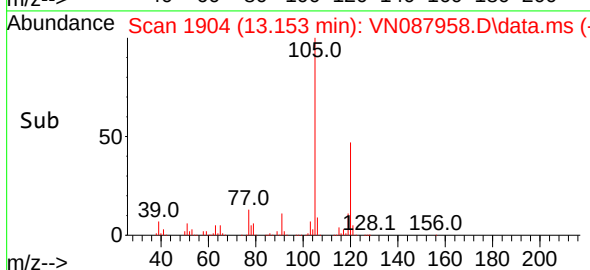
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

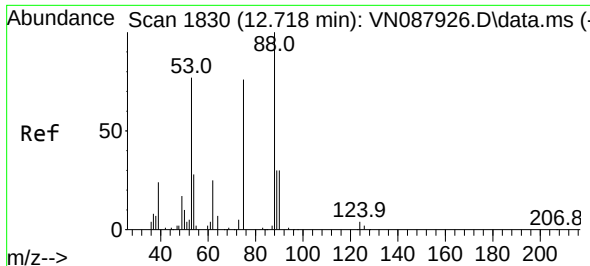


#80
1,3,5-Trimethylbenzene
Concen: 54.339 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28



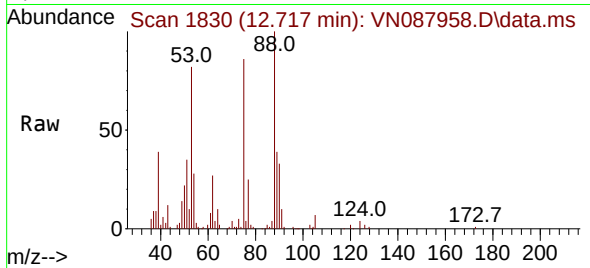
Tgt Ion:105 Resp: 689521
Ion Ratio Lower Upper
105 100
120 48.4 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 54.476 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

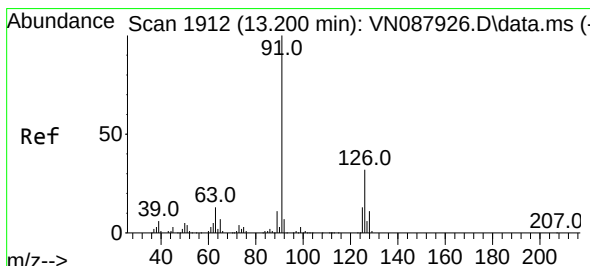
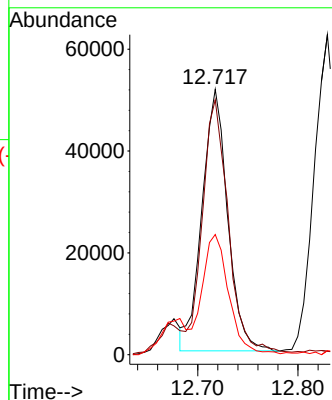
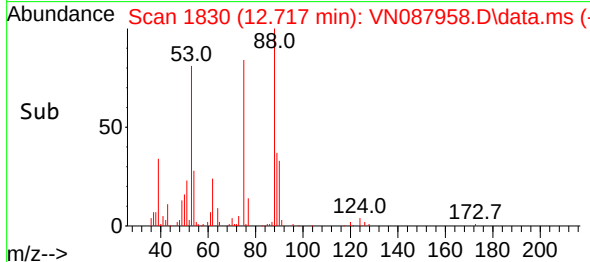
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD



Tgt Ion: 75 Resp: 91530
Ion Ratio Lower Upper
75 100
53 96.4 82.0 123.0
89 47.8 36.1 54.1

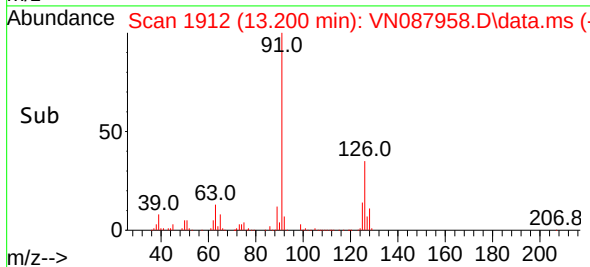
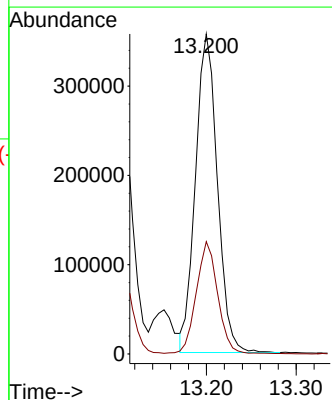
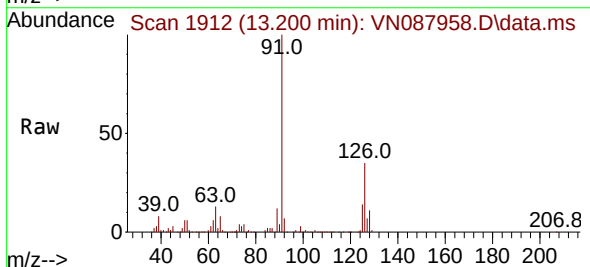
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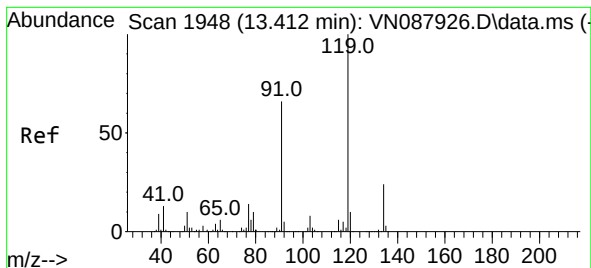
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#82
4-Chlorotoluene
Concen: 53.793 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

Tgt Ion: 91 Resp: 605342
Ion Ratio Lower Upper
91 100
126 34.9 16.9 50.6





#83

tert-Butylbenzene

Concen: 53.805 ug/l

RT: 13.417 min Scan# 1948

Delta R.T. 0.006 min

Lab File: VN087958.D

Acq: 25 Sep 2025 16:28

Instrument :

MSVOA_N

ClientSampleId :

EME-TS14-01MSD

Tgt Ion:119 Resp: 577889

Ion Ratio Lower Upper

119 100

91 67.0 32.1 96.3

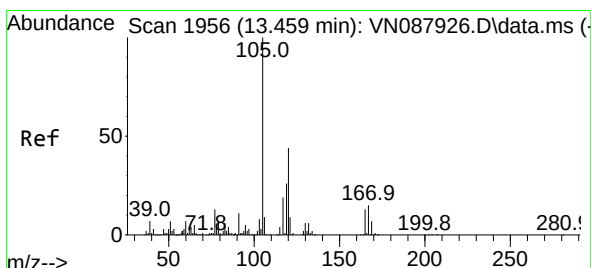
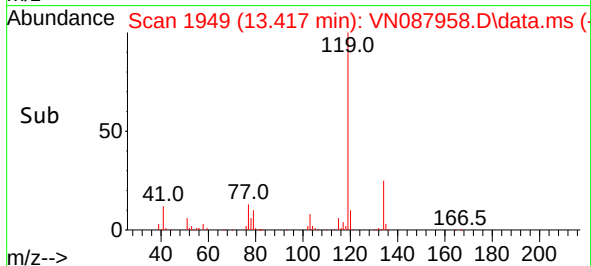
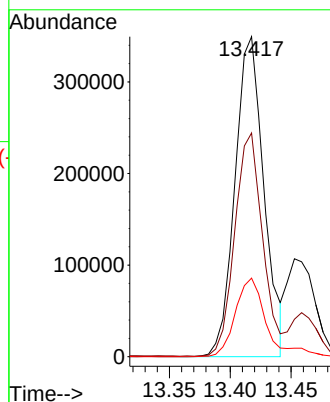
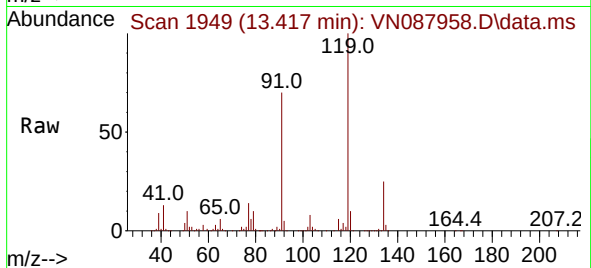
134 26.3 12.3 36.8

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Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#84

1,2,4-Trimethylbenzene

Concen: 54.180 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN087958.D

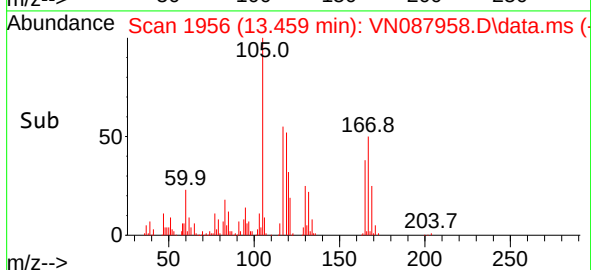
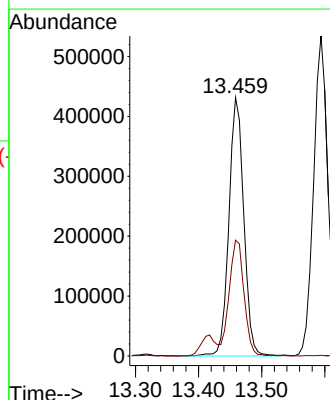
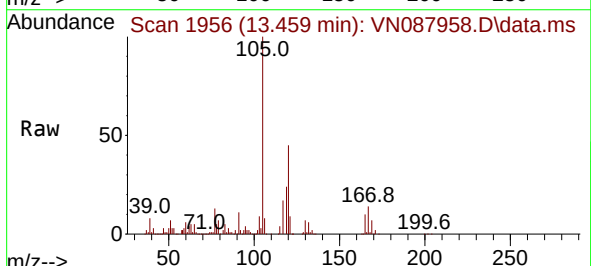
Acq: 25 Sep 2025 16:28

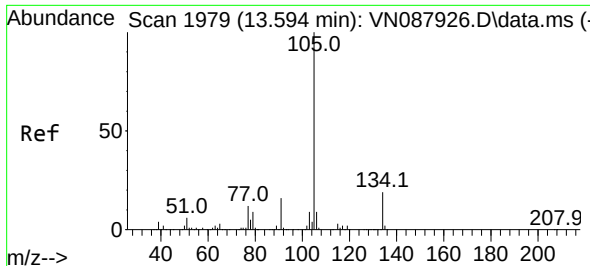
Tgt Ion:105 Resp: 705179

Ion Ratio Lower Upper

105 100

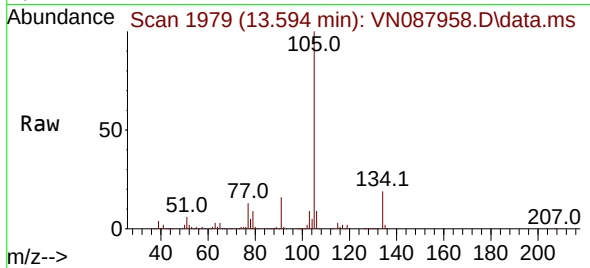
120 44.5 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 53.666 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087958.D
 Acq: 25 Sep 2025 16:28

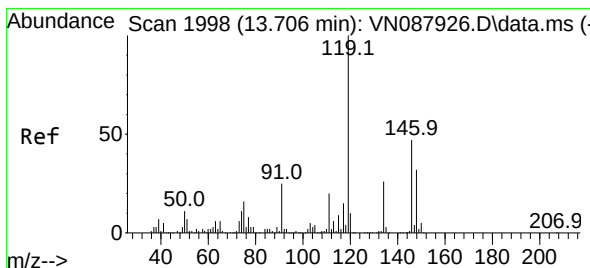
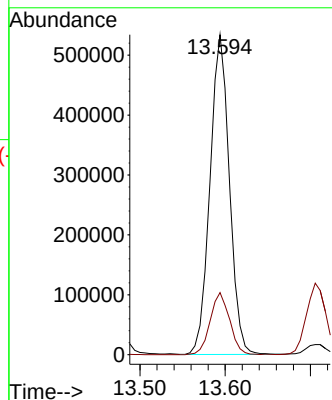
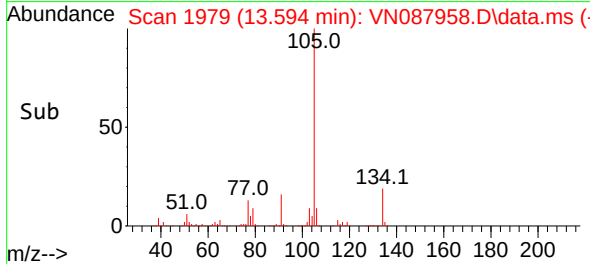
Instrument :
 MSVOA_N
 ClientSampleId :
 EME-TS14-01MSD



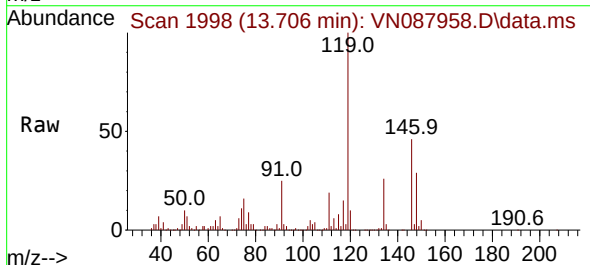
Tgt Ion:105 Resp: 84507
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.6 28.8

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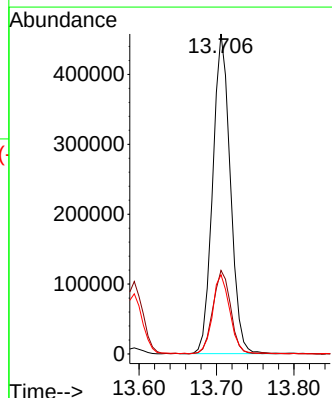
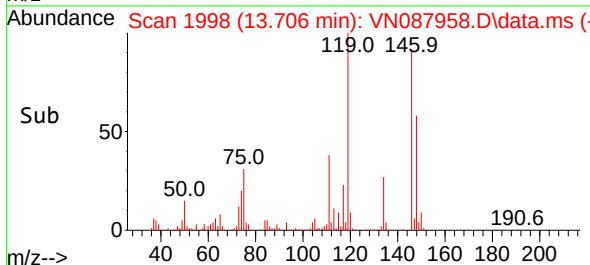
Reviewed By :John Carlone 09/26/2025
 Supervised By :Mahesh Dadoda 09/29/2025

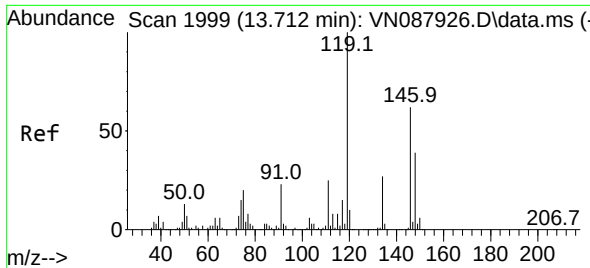


#86
 p-Isopropyltoluene
 Concen: 54.107 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087958.D
 Acq: 25 Sep 2025 16:28



Tgt Ion:119 Resp: 721619
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 24.3 11.9 35.5





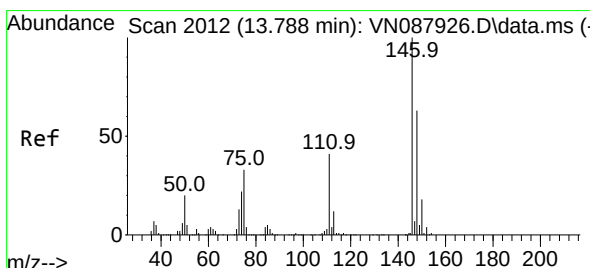
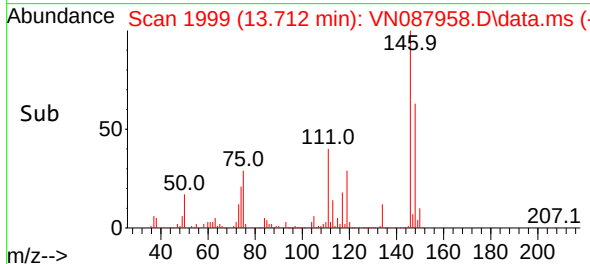
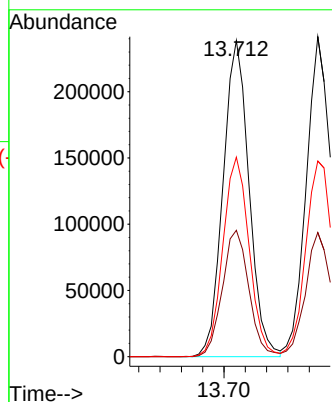
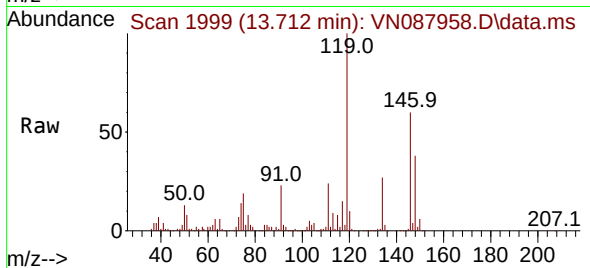
#87
1,3-Dichlorobenzene
Concen: 53.058 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD

Tgt Ion:146 Resp: 404134
Ion Ratio Lower Upper
146 100
111 40.8 20.3 60.8
148 63.9 32.4 97.2

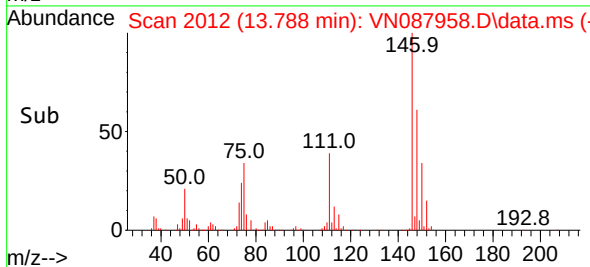
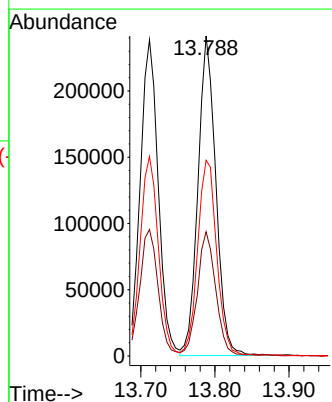
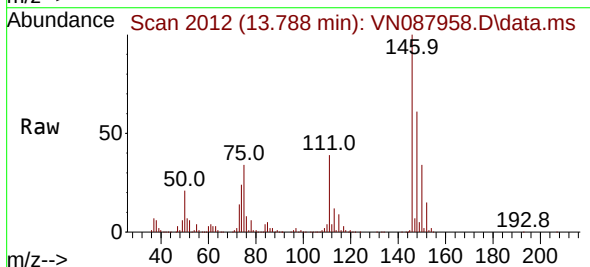
Manual Integrations
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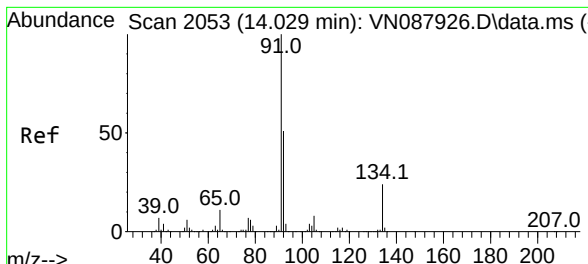
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#88
1,4-Dichlorobenzene
Concen: 51.593 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

Tgt Ion:146 Resp: 403857
Ion Ratio Lower Upper
146 100
111 39.4 20.5 61.5
148 65.0 32.8 98.4





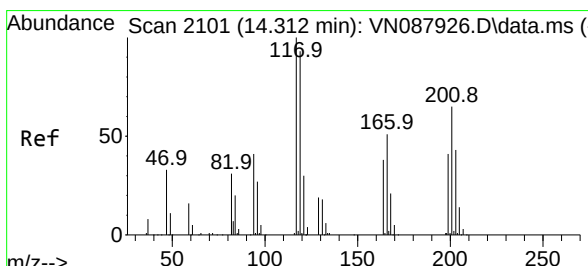
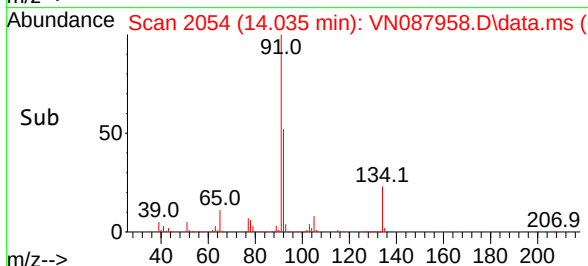
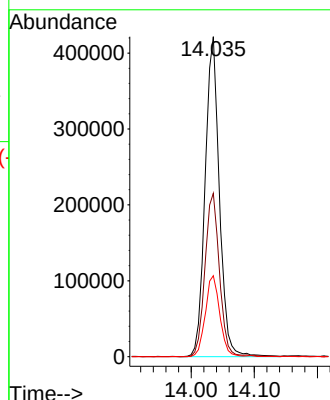
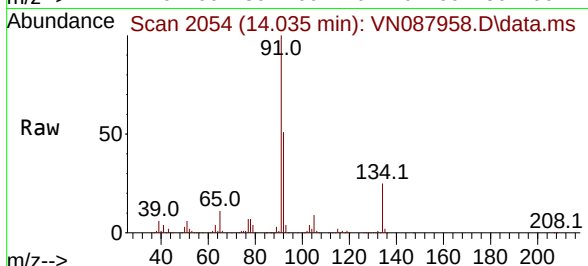
#89
n-Butylbenzene
Concen: 52.636 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD

Tgt Ion: 91 Resp: 663428
Ion Ratio Lower Upper
91 100
92 52.1 25.9 77.8
134 25.6 12.6 37.8

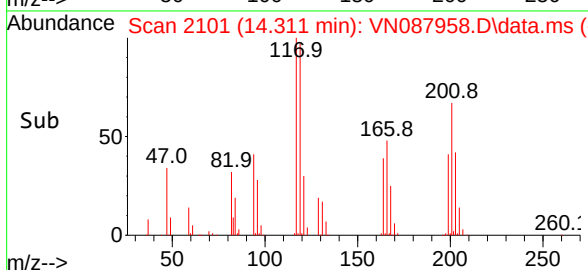
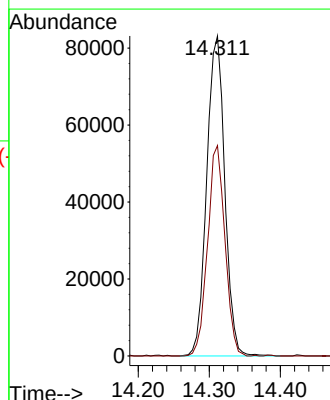
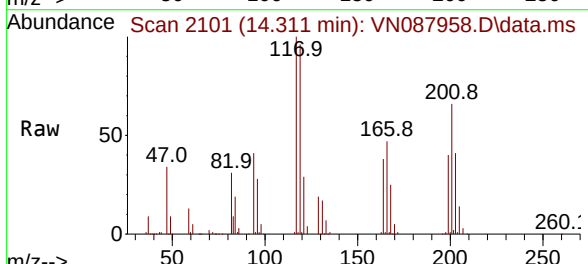
Manual Integrations
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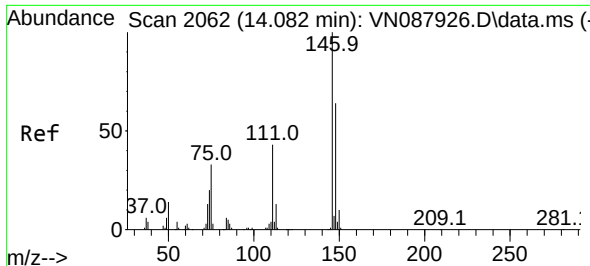
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#90
Hexachloroethane
Concen: 52.730 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

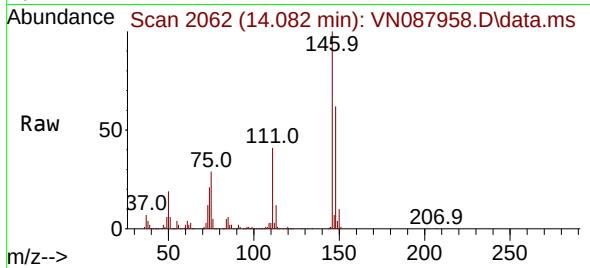
Tgt Ion:117 Resp: 146900
Ion Ratio Lower Upper
117 100
201 63.2 33.6 100.6





#91
1,2-Dichlorobenzene
Concen: 53.033 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28

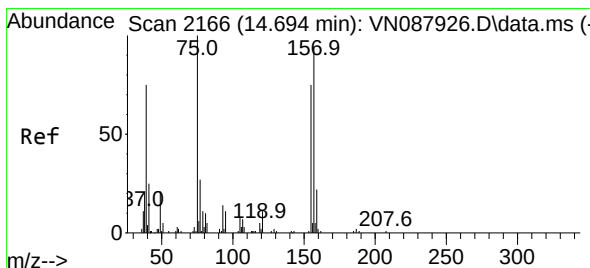
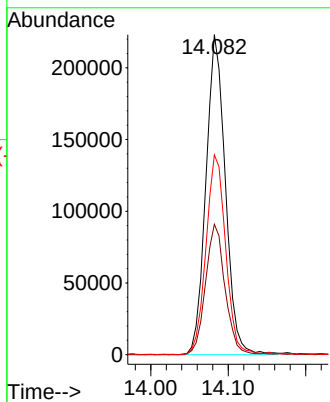
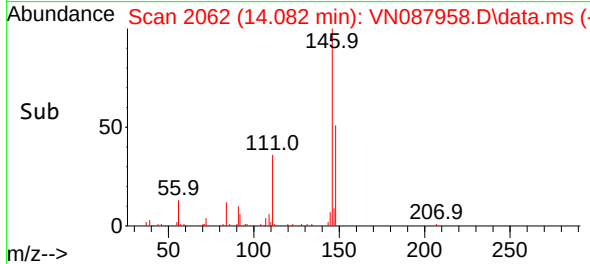
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01MSD



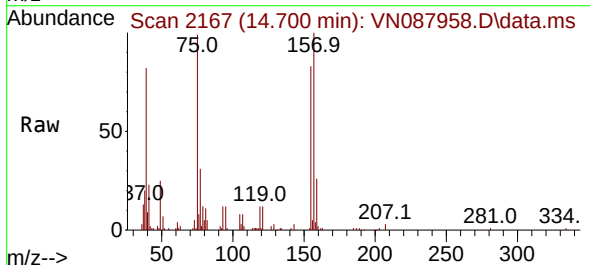
Tgt Ion:146 Resp: 389369
Ion Ratio Lower Upper
146 100
111 40.8 20.9 62.7
148 63.3 31.9 95.9

Manual Integrations
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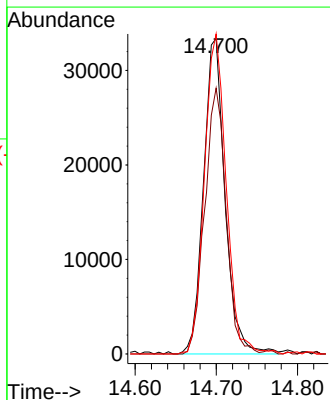
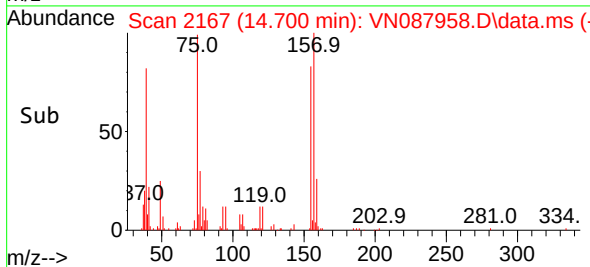
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

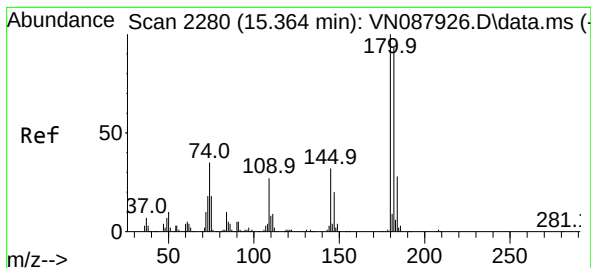


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.022 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN087958.D
Acq: 25 Sep 2025 16:28



Tgt Ion: 75 Resp: 61435
Ion Ratio Lower Upper
75 100
155 84.0 40.2 120.6
157 102.9 50.9 152.7





#93

1,2,4-Trichlorobenzene

Concen: 51.748 ug/l

RT: 15.370 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN087958.D

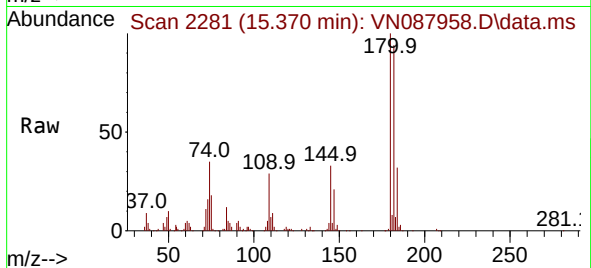
Acq: 25 Sep 2025 16:28

Instrument :

MSVOA_N

ClientSampleId :

EME-TS14-01MSD



Tgt Ion:180 Resp: 224324

Ion Ratio Lower Upper

180 100

182 96.6 48.5 145.5

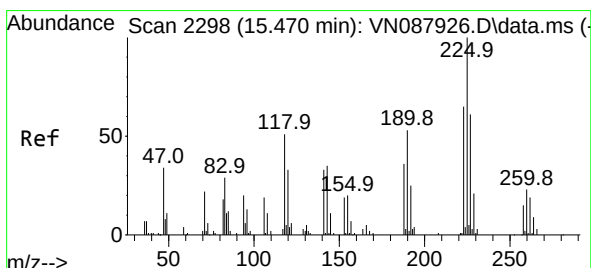
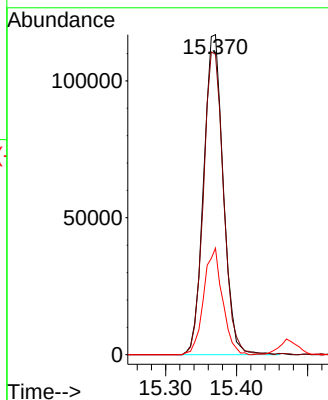
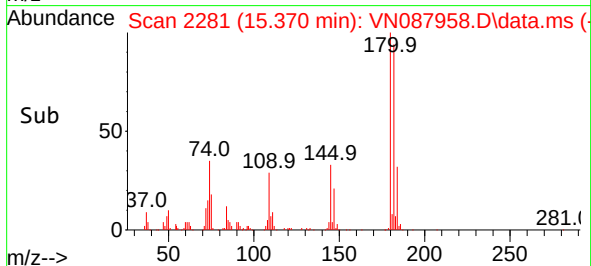
145 32.0 15.9 47.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#94

Hexachlorobutadiene

Concen: 52.782 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VN087958.D

Acq: 25 Sep 2025 16:28

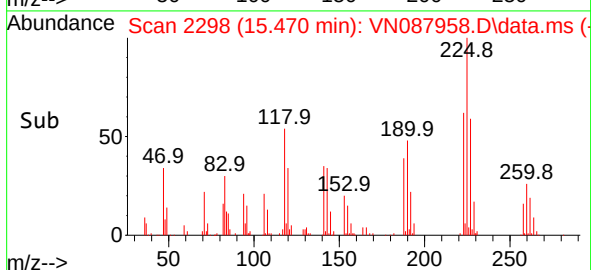
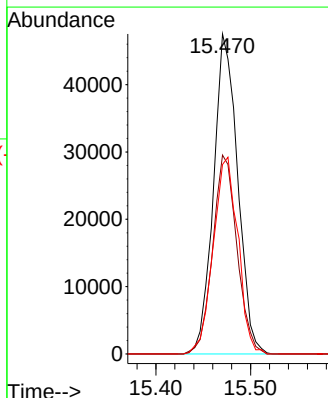
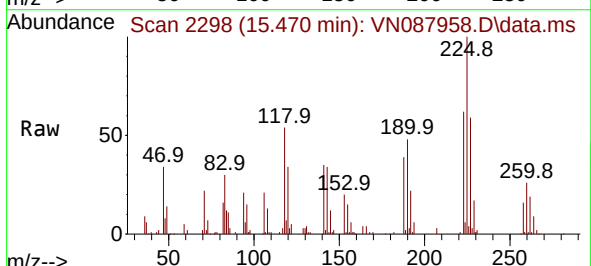
Tgt Ion:225 Resp: 84215

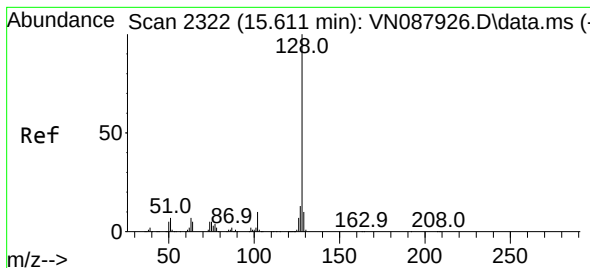
Ion Ratio Lower Upper

225 100

223 62.6 31.8 95.4

227 62.9 31.9 95.9





#95

Naphthalene

Concen: 55.808 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VN087958.D

Acq: 25 Sep 2025 16:28

Instrument :

MSVOA_N

ClientSampleId :

EME-TS14-01MSD

Tgt Ion:128 Resp: 77658

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

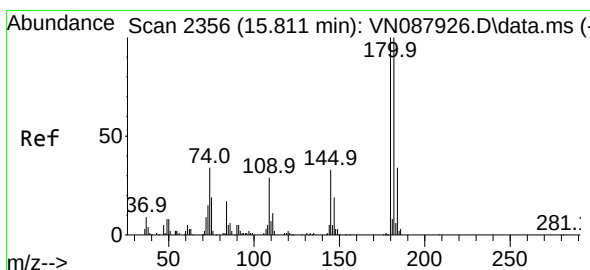
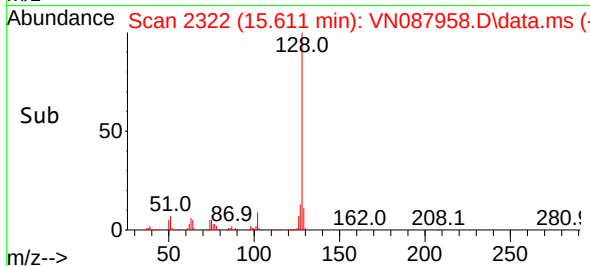
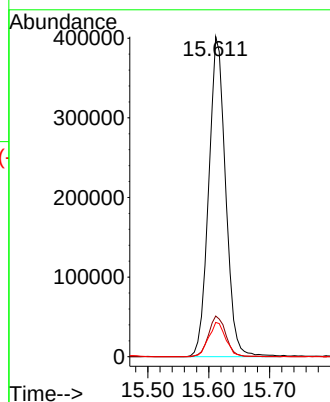
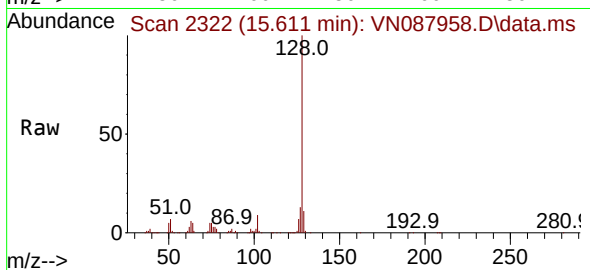
129 10.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#96

1,2,3-Trichlorobenzene

Concen: 53.030 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087958.D

Acq: 25 Sep 2025 16:28

Tgt Ion:180 Resp: 223486

Ion Ratio Lower Upper

180 100

182 96.2 47.3 142.0

145 33.4 16.1 48.3

