

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
 Data File : VN088347.D
 Acq On : 24 Nov 2025 13:53
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/25/2025
 Supervised By : Mahesh Dadoda 11/26/2025

Quant Time: Nov 25 01:11:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:08:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	254412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	480905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	425874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	208615	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	254050	55.205	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.400%
35) Dibromofluoromethane	8.153	113	168216	51.013	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.020%
50) Toluene-d8	10.547	98	618062	49.180	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.360%
62) 4-Bromofluorobenzene	12.823	95	215443	48.802	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	188518	60.616	ug/l	100
3) Chloromethane	2.383	50	203776	56.367	ug/l	100
4) Vinyl Chloride	2.536	62	206493	53.300	ug/l	100
5) Bromomethane	2.977	94	100800	44.679	ug/l	100
6) Chloroethane	3.142	64	128383	47.055	ug/l	100
7) Trichlorofluoromethane	3.512	101	277710	46.418	ug/l	100
8) Diethyl Ether	3.959	74	112943	49.408	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	143560	46.270	ug/l	100
10) Methyl Iodide	4.589	142	168409	56.580	ug/l	100
11) Tert butyl alcohol	5.512	59	205132	254.997	ug/l	100
12) 1,1-Dichloroethene	4.336	96	144499	43.959	ug/l	100
13) Acrolein	4.177	56	191880	218.057	ug/l	100
14) Allyl chloride	5.012	41	292223	49.615	ug/l	100
15) Acrylonitrile	5.706	53	593191	271.445	ug/l	100
16) Acetone	4.418	43	425884	191.549	ug/l	100
17) Carbon Disulfide	4.706	76	504570	49.738	ug/l	100
18) Methyl Acetate	5.018	43	266978	55.261	ug/l	100
19) Methyl tert-butyl Ether	5.783	73	637167	51.594	ug/l	100
20) Methylene Chloride	5.265	84	192304	49.396	ug/l	100
21) trans-1,2-Dichloroethene	5.771	96	174454	47.971	ug/l	100
22) Diisopropyl ether	6.659	45	656293	53.019	ug/l	100
23) Vinyl Acetate	6.588	43	2718764m	248.116	ug/l	
24) 1,1-Dichloroethane	6.559	63	362987	52.841	ug/l	100
25) 2-Butanone	7.465	43	757688	250.619	ug/l	100
26) 2,2-Dichloropropane	7.471	77	306308	49.612	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	210902	50.066	ug/l	100
28) Bromochloromethane	7.794	49	186871	58.241	ug/l	100
29) Tetrahydrofuran	7.824	42	545947	271.517	ug/l	100
30) Chloroform	7.947	83	354218	51.927	ug/l	100
31) Cyclohexane	8.235	56	288267	45.549	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	294555	48.942	ug/l	100
36) 1,1-Dichloropropene	8.353	75	236320	48.678	ug/l	100
37) Ethyl Acetate	7.547	43	346328	53.657	ug/l	100
38) Carbon Tetrachloride	8.347	117	240067	47.979	ug/l	100
39) Methylcyclohexane	9.582	83	253638	41.789	ug/l	100
40) Benzene	8.588	78	749637	50.260	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	171571	51.334	ug/l	100
42) 1,2-Dichloroethane	8.653	62	295993	54.896	ug/l	100
43) Isopropyl Acetate	8.671	43	536716	54.522	ug/l	100
44) Trichloroethene	9.329	130	171828	49.440	ug/l	100
45) 1,2-Dichloropropane	9.600	63	195340	51.585	ug/l	100
46) Dibromomethane	9.688	93	140875	52.056	ug/l	100
47) Bromodichloromethane	9.871	83	283447	52.293	ug/l	100
48) Methyl methacrylate	9.659	41	246767	54.300	ug/l	100
49) 1,4-Dioxane	9.676	88	63666	1111.677	ug/l #	100
51) 4-Methyl-2-Pentanone	10.423	43	1618000	277.304	ug/l	100
52) Toluene	10.606	92	439167	48.202	ug/l	100
53) t-1,3-Dichloropropene	10.812	75	303537	52.732	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	318360	52.127	ug/l	100
55) 1,1,2-Trichloroethane	10.994	97	169966	48.898	ug/l	100
56) Ethyl methacrylate	10.853	69	296224	53.440	ug/l	100
57) 1,3-Dichloropropane	11.141	76	309692	50.536	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	875006	295.946	ug/l	100
59) 2-Hexanone	11.176	43	1048582	273.278	ug/l	100
60) Dibromochloromethane	11.335	129	196756	49.794	ug/l	100
61) 1,2-Dibromoethane	11.447	107	177630	49.512	ug/l	100
64) Tetrachloroethene	11.082	164	160566	53.914	ug/l	100
65) Chlorobenzene	11.870	112	471088	47.564	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.941	131	162993	49.826	ug/l	100
67) Ethyl Benzene	11.941	91	825262	47.473	ug/l	100
68) m/p-Xylenes	12.047	106	624414	96.067	ug/l	100
69) o-Xylene	12.376	106	296307	48.105	ug/l	100
70) Styrene	12.388	104	508032	50.349	ug/l	100
71) Bromoform	12.559	173	121394	49.795	ug/l #	100
73) Isopropylbenzene	12.670	105	756073	46.091	ug/l	100
74) N-amyl acetate	12.500	43	218031	46.667	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.917	83	235147	45.856	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	250728m	50.561	ug/l	
77) Bromobenzene	12.959	156	179949	50.105	ug/l	100
78) n-propylbenzene	13.012	91	926041	46.319	ug/l	100
79) 2-Chlorotoluene	13.100	91	563004	48.901	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	636506	46.704	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.717	75	89717	49.717	ug/l #	100
82) 4-Chlorotoluene	13.200	91	595484	47.756	ug/l	100
83) tert-Butylbenzene	13.412	119	523419	43.467	ug/l	100
84) 1,2,4-Trimethylbenzene	13.459	105	649135	47.534	ug/l	100
85) sec-Butylbenzene	13.594	105	752927	42.729	ug/l	100
86) p-Isopropyltoluene	13.706	119	635661	44.782	ug/l	100
87) 1,3-Dichlorobenzene	13.711	146	334974	47.290	ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	350784	45.940	ug/l	100
89) n-Butylbenzene	14.035	91	599399	42.911	ug/l	100
90) Hexachloroethane	14.306	117	111560	40.952	ug/l	100
91) 1,2-Dichlorobenzene	14.082	146	317314	46.414	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.694	75	60137	49.387	ug/l	100
93) 1,2,4-Trichlorobenzene	15.364	180	185506	45.066	ug/l	100
94) Hexachlorobutadiene	15.470	225	61955	41.064	ug/l	100
95) Naphthalene	15.611	128	686671	48.217	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	182475	45.925	ug/l	100

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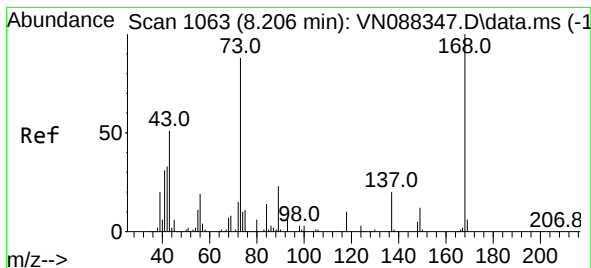
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VN088347.D

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Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:168 Resp: 254412

Ion Ratio Lower Upper

168 100

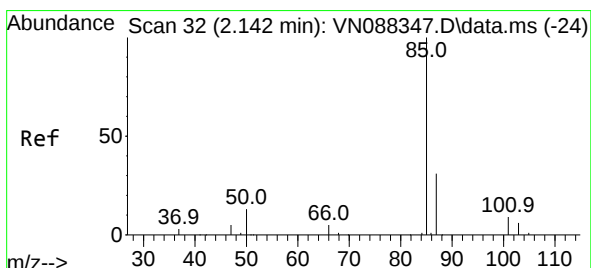
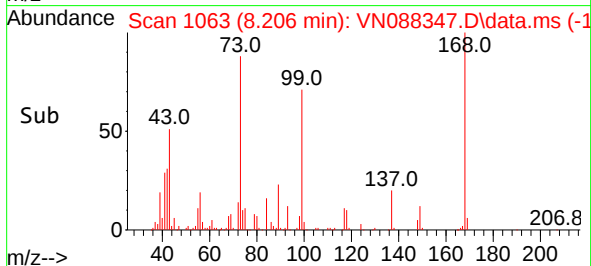
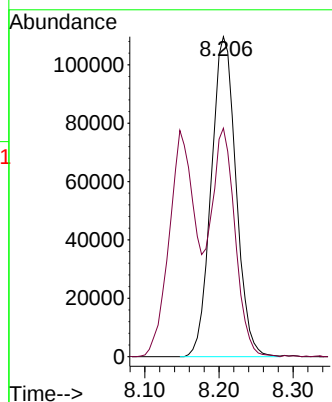
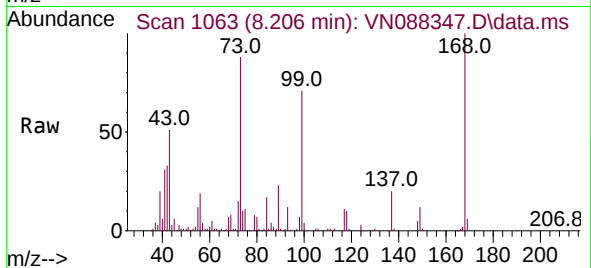
99 71.4 57.1 85.7

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 60.616 ug/l

RT: 2.142 min Scan# 32

Delta R.T. 0.000 min

Lab File: VN088347.D

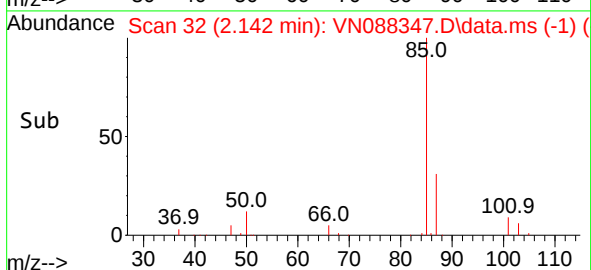
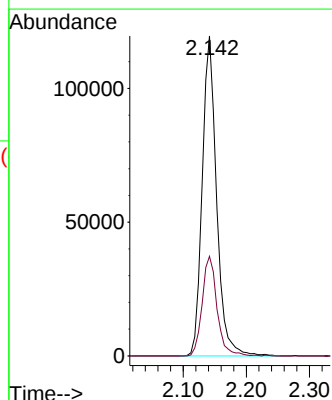
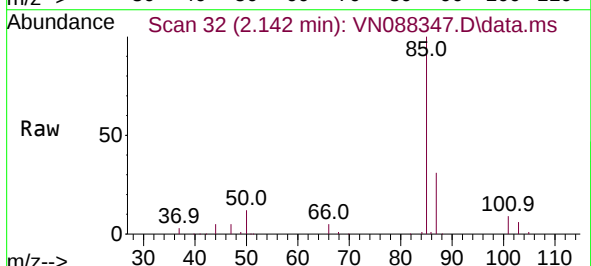
Acq: 24 Nov 2025 13:53

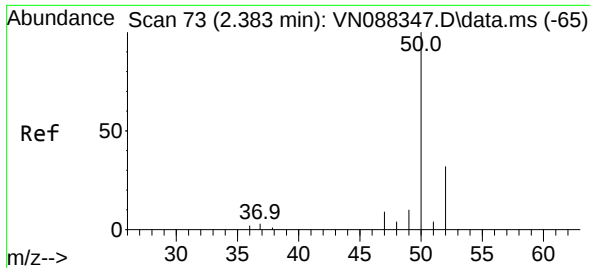
Tgt Ion: 85 Resp: 188518

Ion Ratio Lower Upper

85 100

87 31.1 15.6 46.7





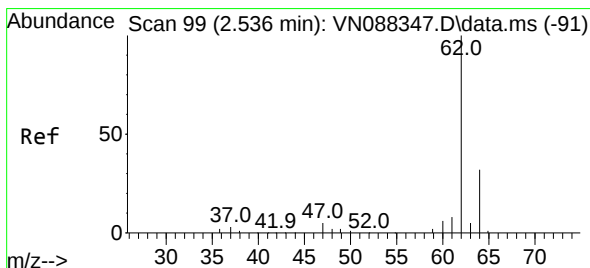
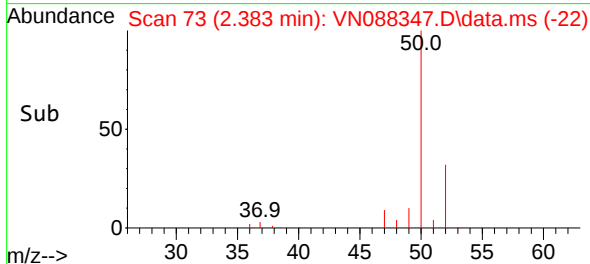
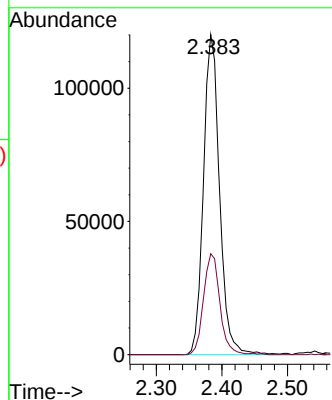
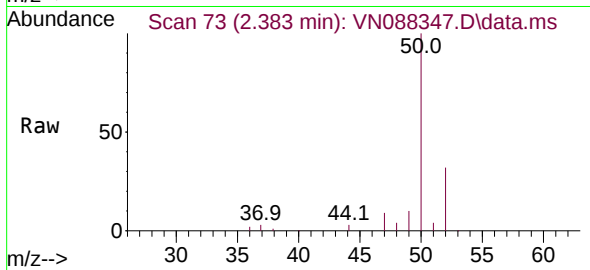
#3
Chloromethane
Concen: 56.367 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 50 Resp: 203776
Ion Ratio Lower Upper
50 100
52 31.5 25.2 37.8

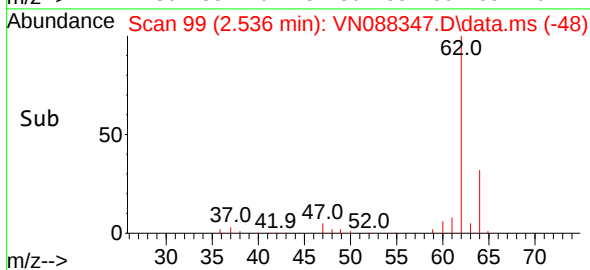
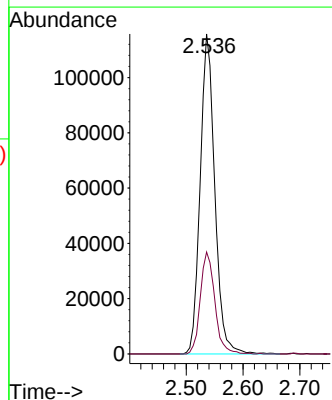
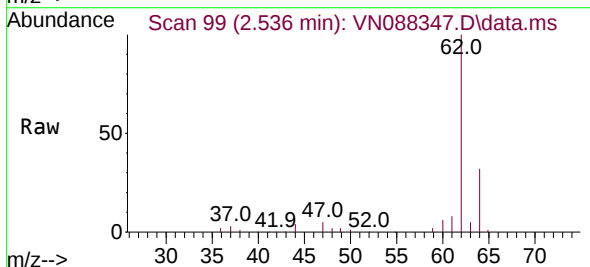
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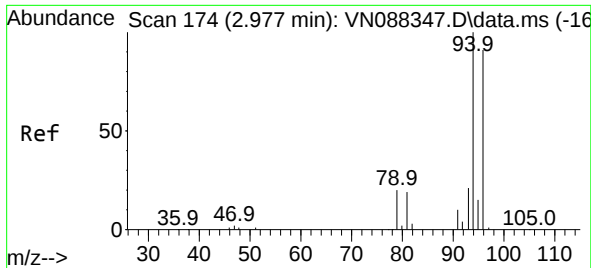
Reviewed By :John Carlone 11/25/2025
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#4
Vinyl Chloride
Concen: 53.300 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

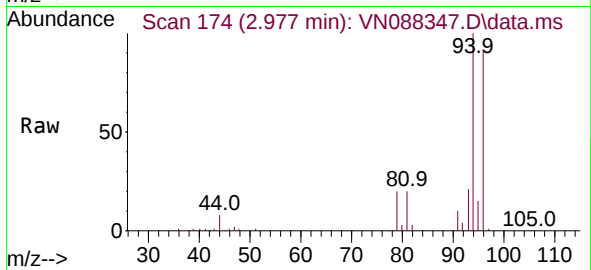
Tgt Ion: 62 Resp: 206493
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.2





#5
Bromomethane
Concen: 44.679 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

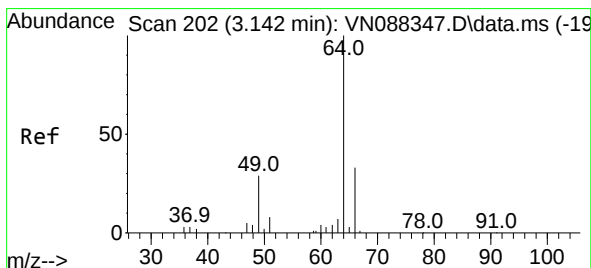
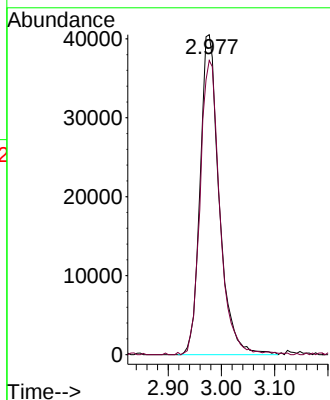
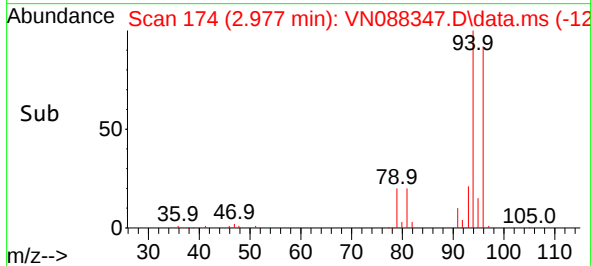
Instrument :
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Tgt Ion: 94 Resp: 100800
Ion Ratio Lower Upper
94 100
96 91.5 73.2 109.8

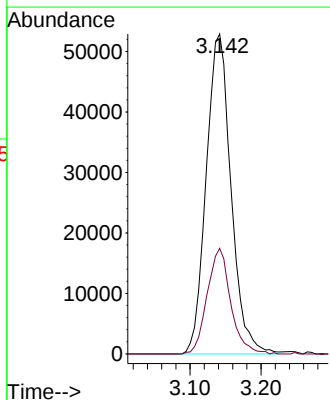
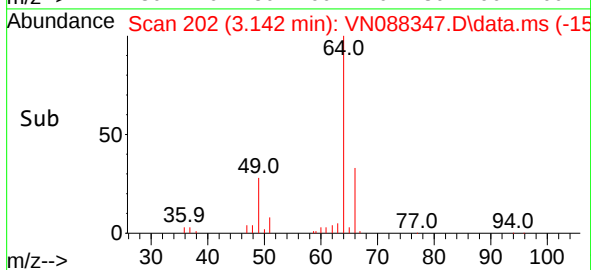
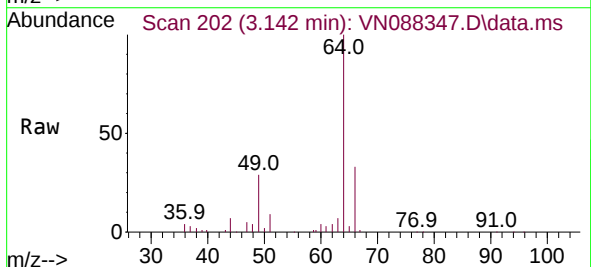
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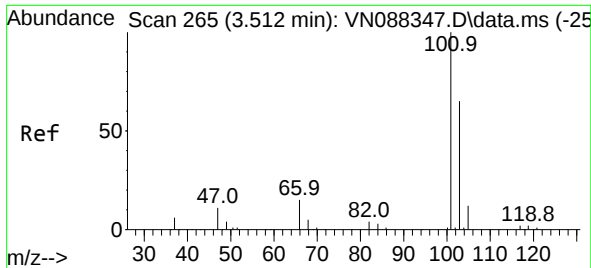
Reviewed By :John Carlone 11/25/2025
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#6
Chloroethane
Concen: 47.055 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN088347.D
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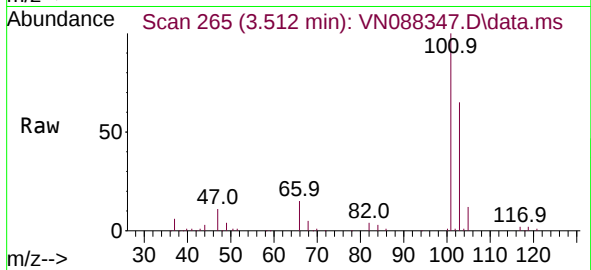
Tgt Ion: 64 Resp: 128383
Ion Ratio Lower Upper
64 100
66 33.0 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 46.418 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. 0.000 min
 Lab File: VN088347.D
 Acq: 24 Nov 2025 13:53

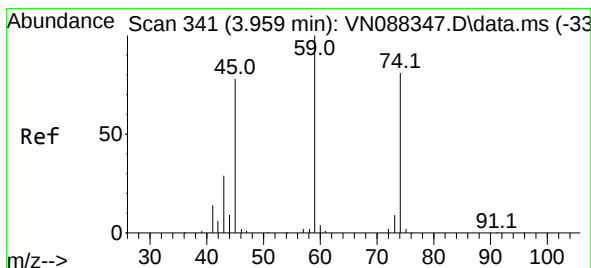
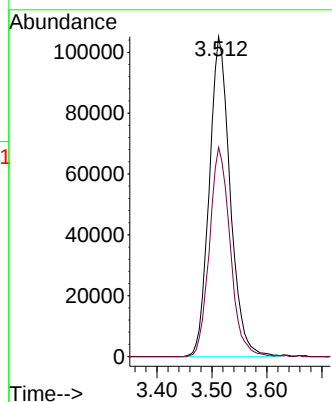
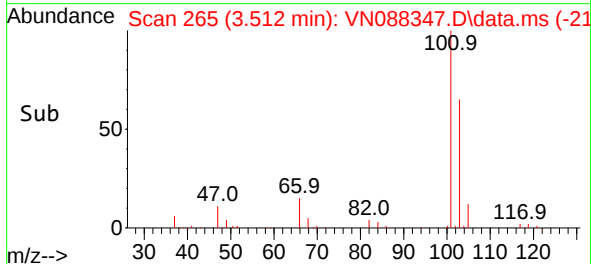
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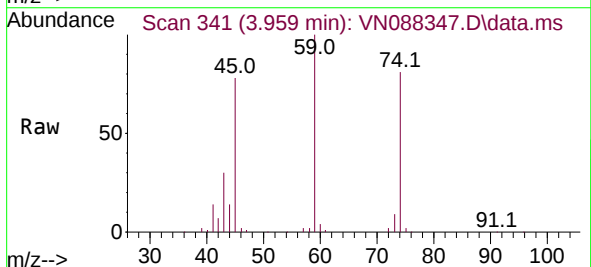
Tgt Ion:101 Resp: 277710
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.3 78.5

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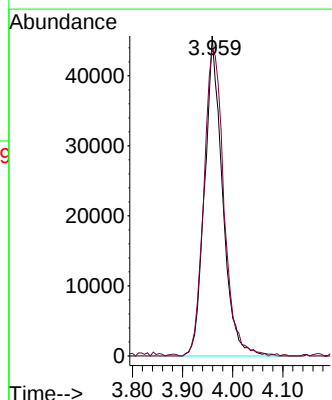
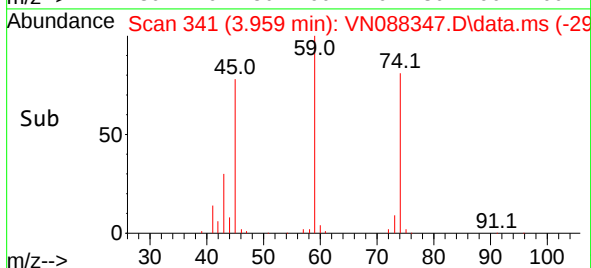
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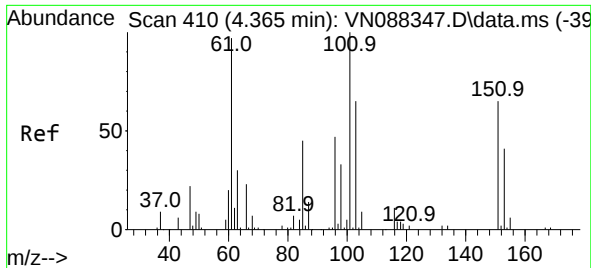


#8
 Diethyl Ether
 Concen: 49.408 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN088347.D
 Acq: 24 Nov 2025 13:53



Tgt Ion: 74 Resp: 112943
 Ion Ratio Lower Upper
 74 100
 45 108.4 54.2 162.6





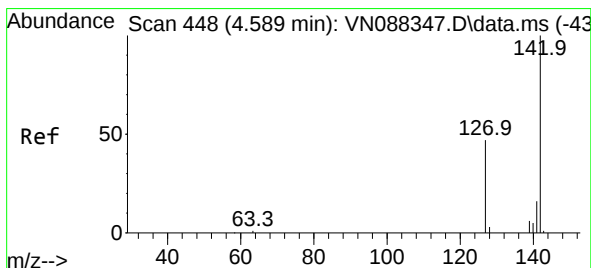
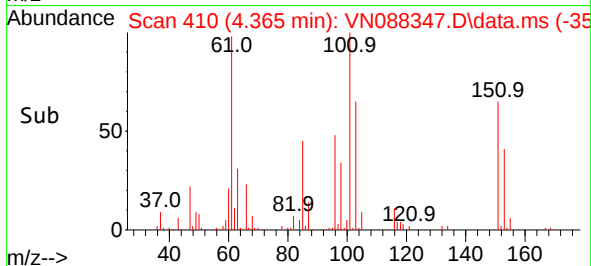
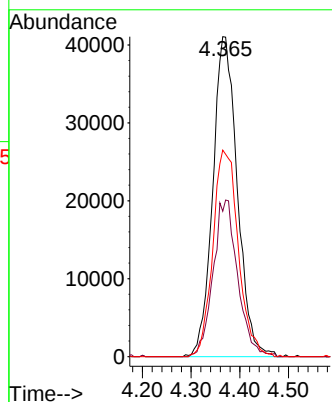
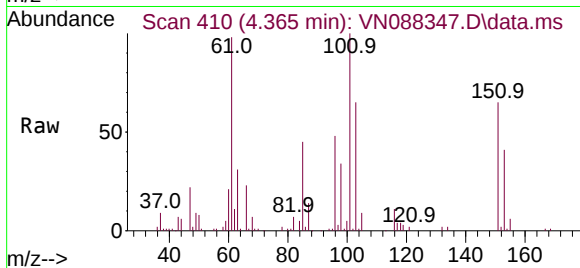
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.270 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 143560
Ion Ratio Lower Upper
101 100
85 49.0 39.2 58.8
151 67.0 53.6 80.4

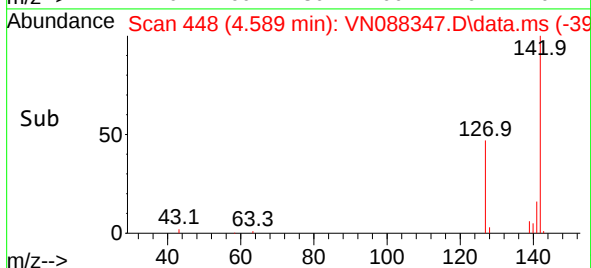
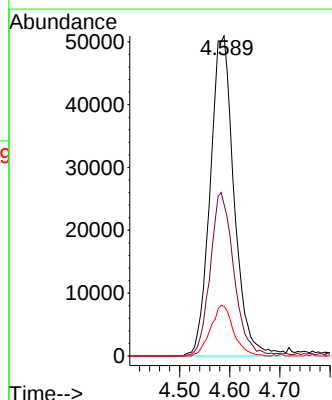
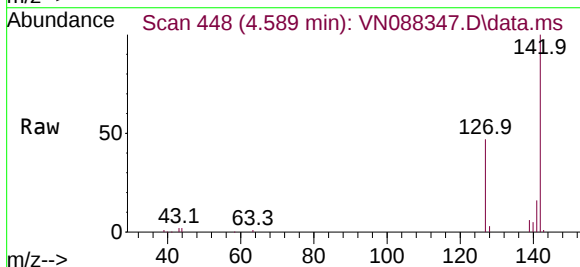
Manual Integrations
APPROVED

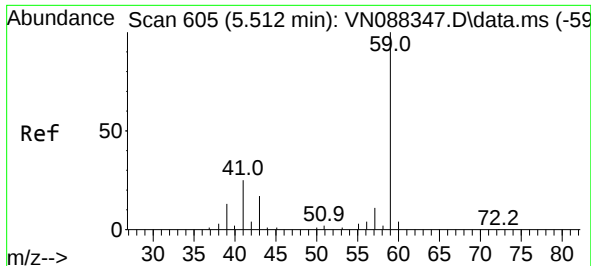
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#10
Methyl Iodide
Concen: 56.580 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

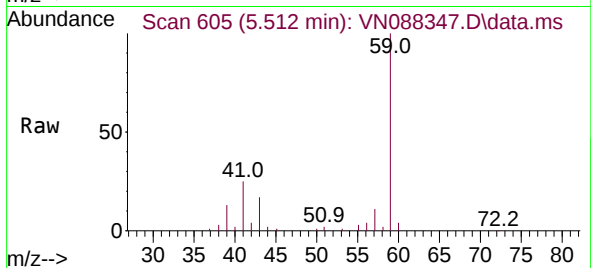
Tgt Ion:142 Resp: 168409
Ion Ratio Lower Upper
142 100
127 47.4 37.9 56.9
141 15.5 12.4 18.6





#11
Tert butyl alcohol
Concen: 254.997 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

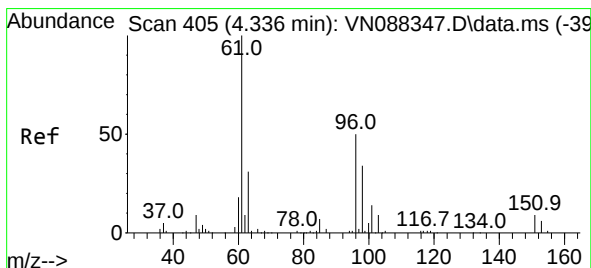
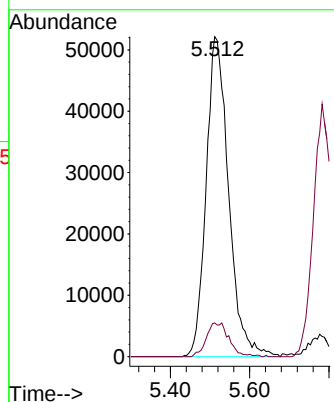
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



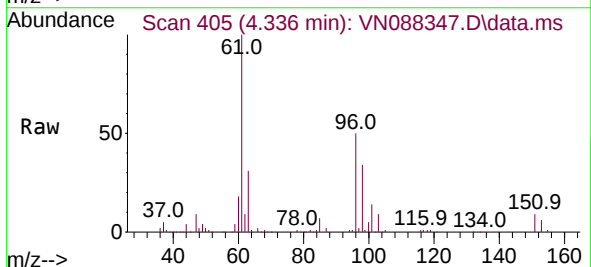
Tgt Ion: 59 Resp: 205132
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

Manual Integrations
APPROVED

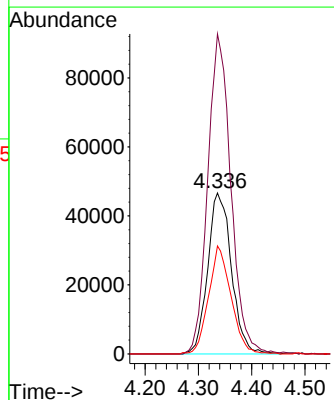
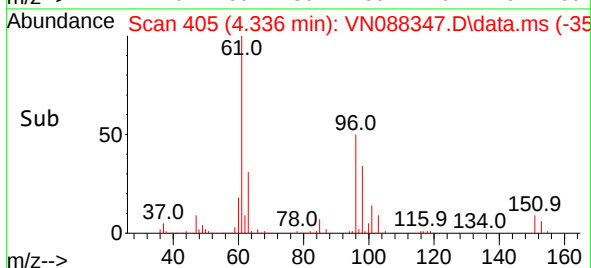
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

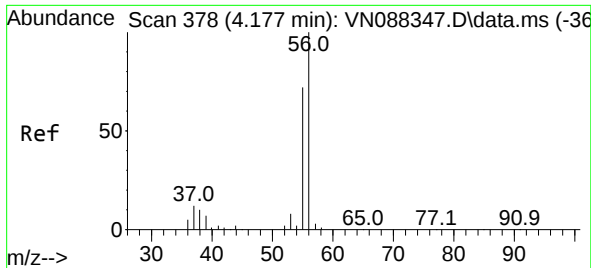


#12
1,1-Dichloroethene
Concen: 43.959 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53



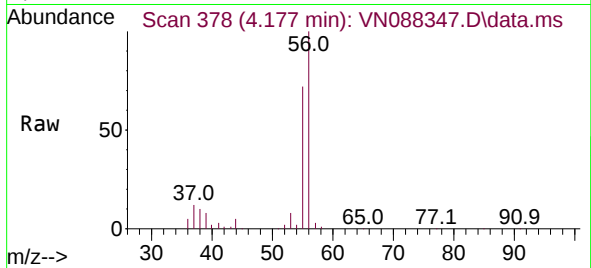
Tgt Ion: 96 Resp: 144499
Ion Ratio Lower Upper
96 100
61 198.9 159.1 238.7
98 67.1 53.7 80.5





#13
Acrolein
Concen: 218.057 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

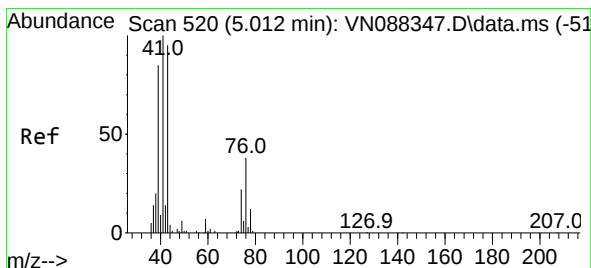
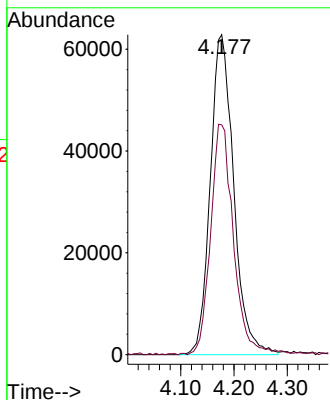
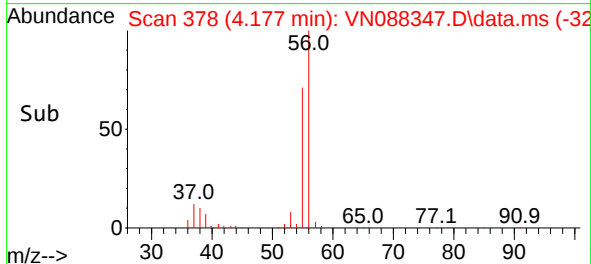
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 191880
Ion Ratio Lower Upper
56 100
55 70.4 56.3 84.5

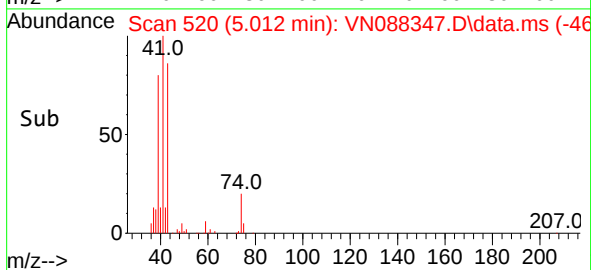
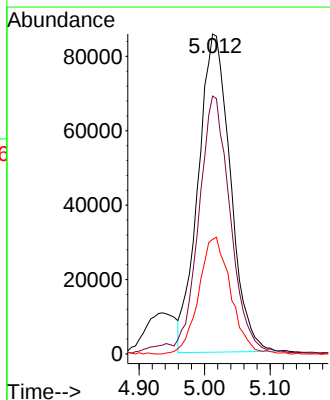
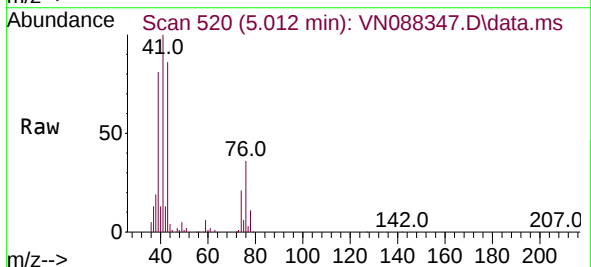
Manual Integrations
APPROVED

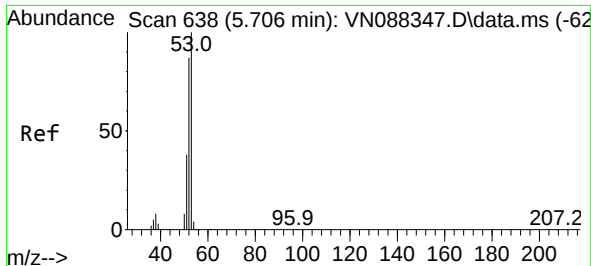
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#14
Allyl chloride
Concen: 49.615 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

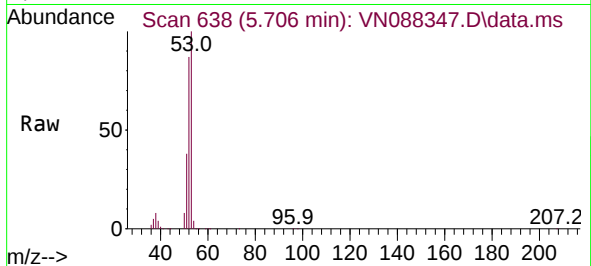
Tgt Ion: 41 Resp: 292223
Ion Ratio Lower Upper
41 100
39 80.9 64.7 97.1
76 36.4 29.1 43.7





#15
Acrylonitrile
Concen: 271.445 ug/l
RT: 5.706 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

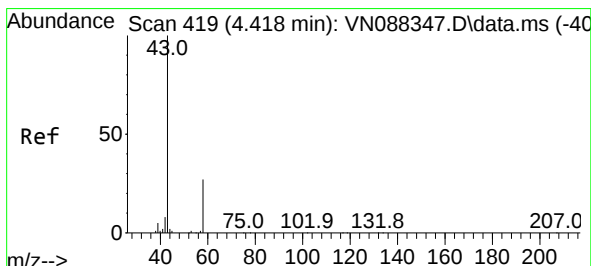
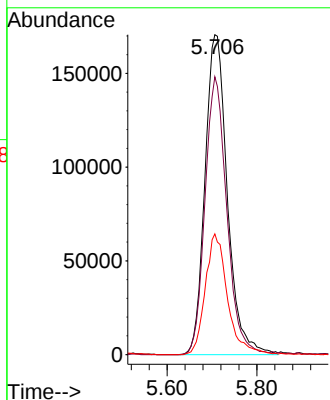
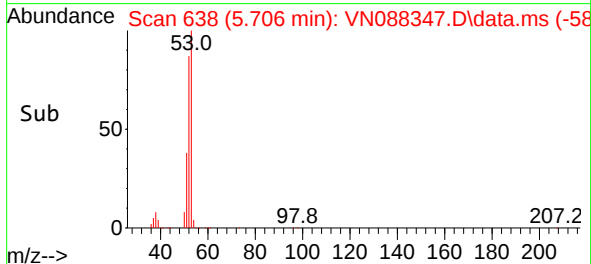
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



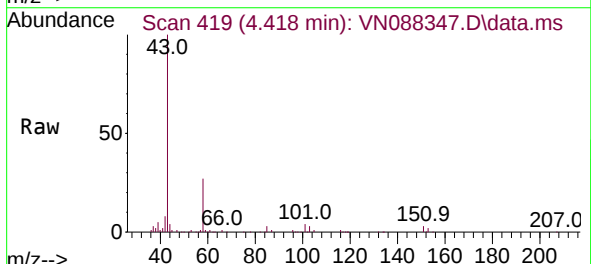
Tgt Ion: 53 Resp: 593191
Ion Ratio Lower Upper
53 100
52 84.7 67.8 101.6
51 37.3 29.8 44.8

Manual Integrations
APPROVED

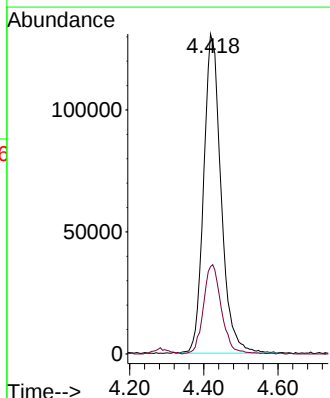
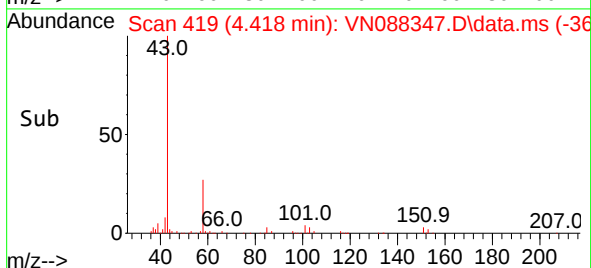
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

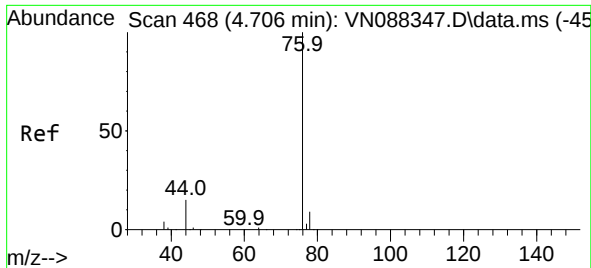


#16
Acetone
Concen: 191.549 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53



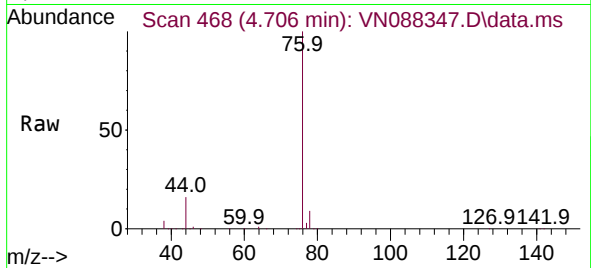
Tgt Ion: 43 Resp: 425884
Ion Ratio Lower Upper
43 100
58 27.1 21.7 32.5





#17
Carbon Disulfide
Concen: 49.738 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

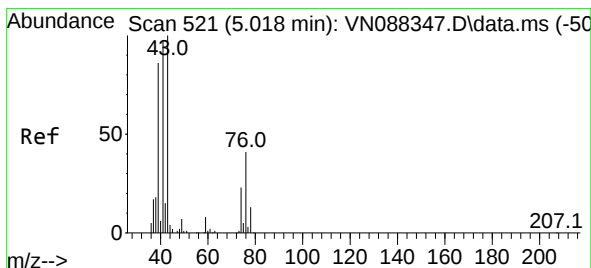
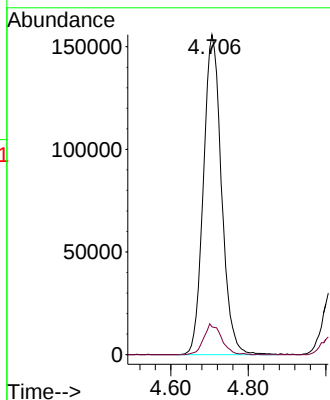
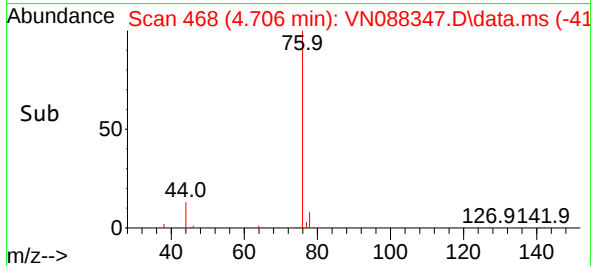
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 504576
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4

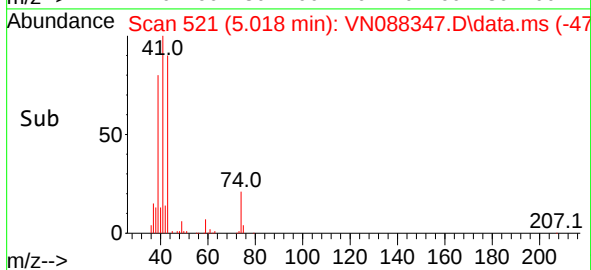
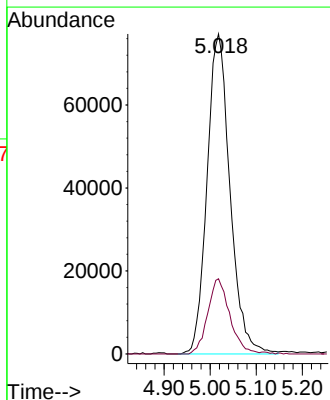
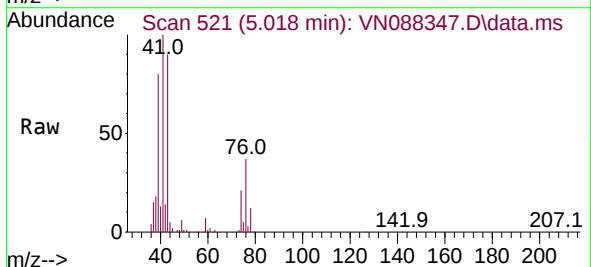
Manual Integrations
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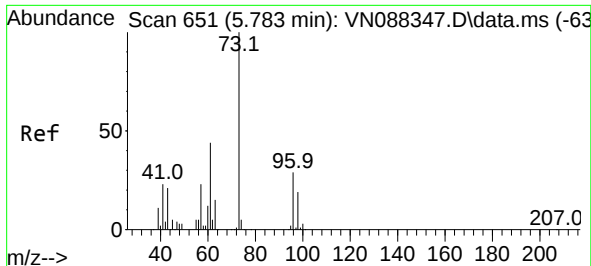
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#18
Methyl Acetate
Concen: 55.261 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

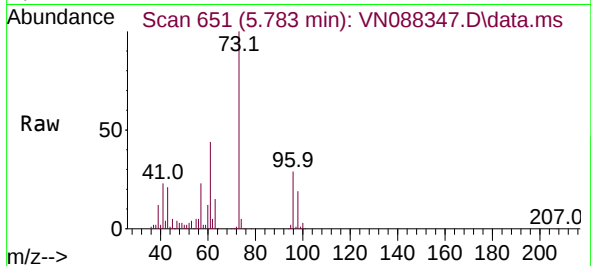
Tgt Ion: 43 Resp: 266978
Ion Ratio Lower Upper
43 100
74 22.4 17.9 26.9





#19
Methyl tert-butyl Ether
Concen: 51.594 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

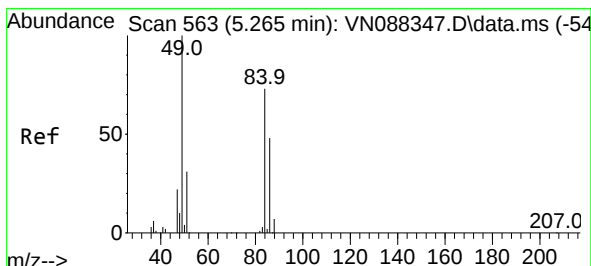
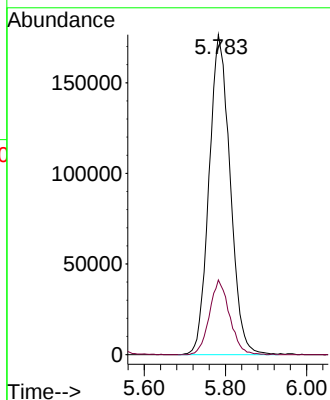
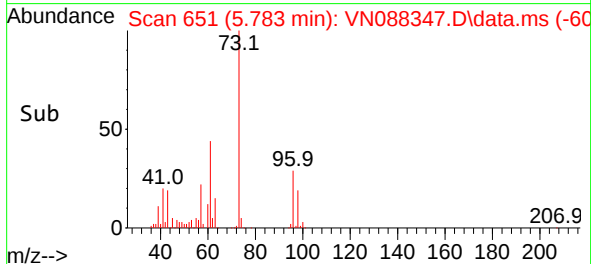
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 637162
Ion Ratio Lower Upper
73 100
57 23.3 18.6 28.0

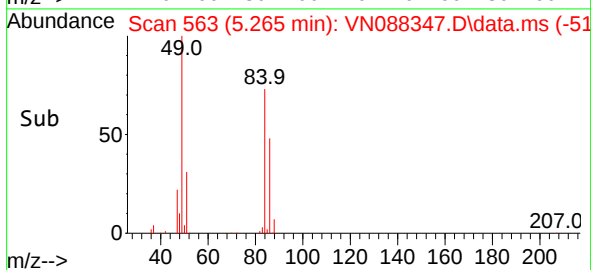
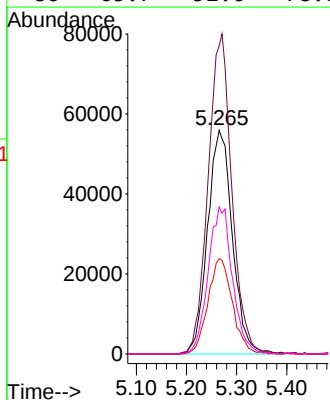
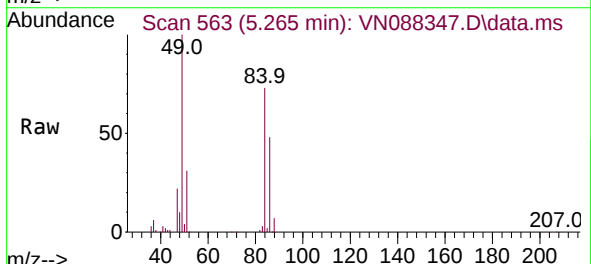
Manual Integrations
APPROVED

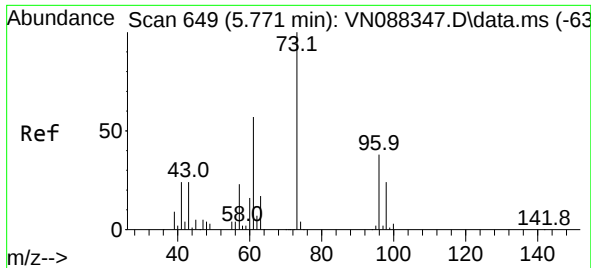
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#20
Methylene Chloride
Concen: 49.396 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

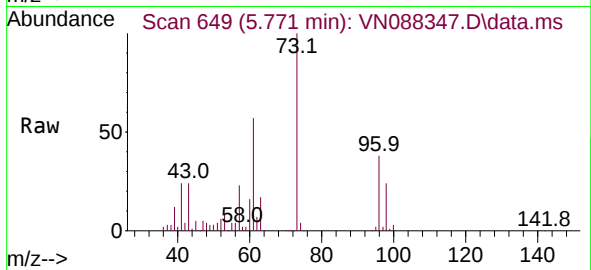
Tgt Ion: 84 Resp: 192304
Ion Ratio Lower Upper
84 100
49 137.7 110.2 165.2
51 42.6 34.1 51.1
86 65.7 52.6 78.8





#21
trans-1,2-Dichloroethene
Concen: 47.971 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

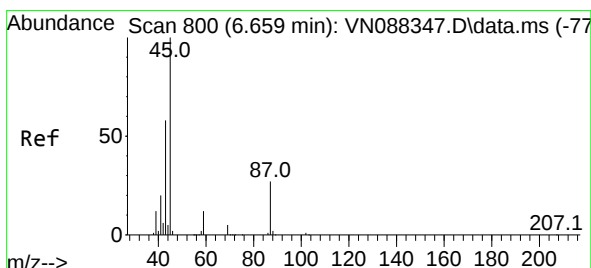
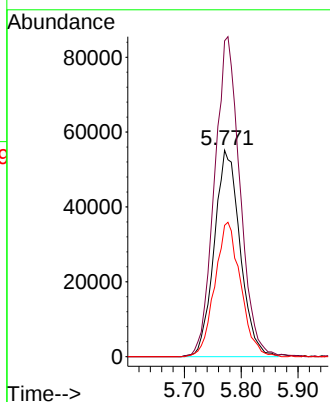
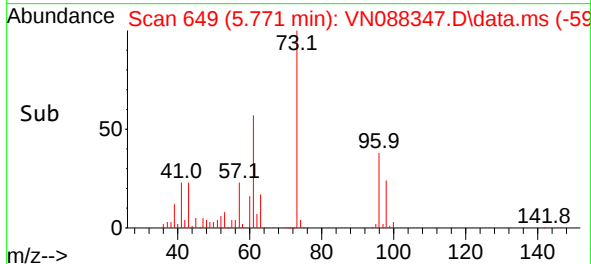
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



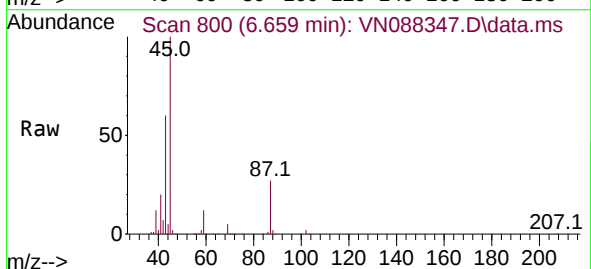
Tgt Ion: 96 Resp: 174454
Ion Ratio Lower Upper
96 100
61 153.0 122.4 183.6
98 63.6 50.9 76.3

Manual Integrations
APPROVED

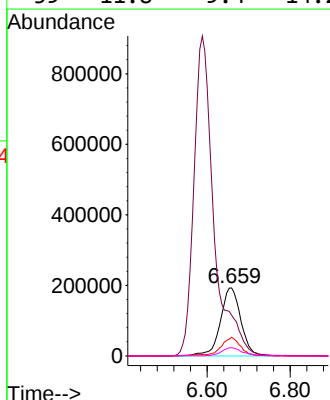
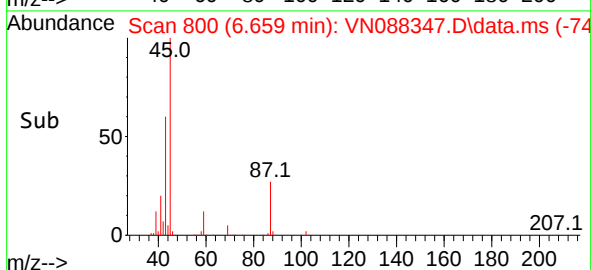
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

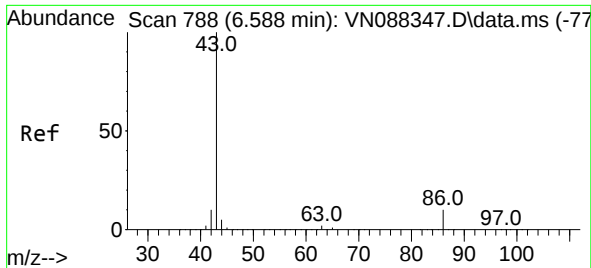


#22
Diisopropyl ether
Concen: 53.019 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53



Tgt Ion: 45 Resp: 656293
Ion Ratio Lower Upper
45 100
43 59.3 47.4 71.2
87 27.4 21.9 32.9
59 11.8 9.4 14.2





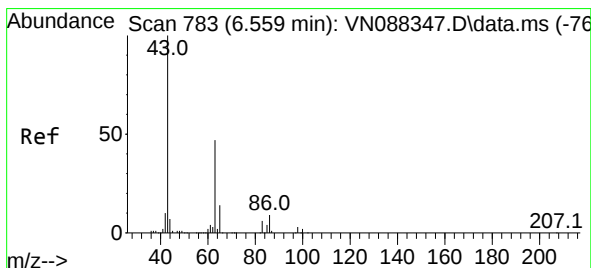
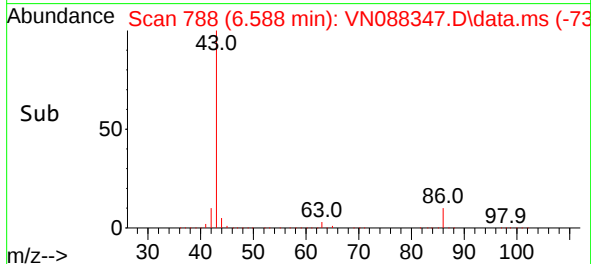
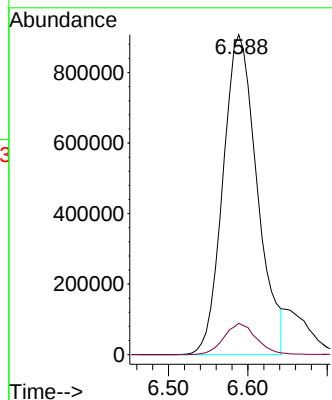
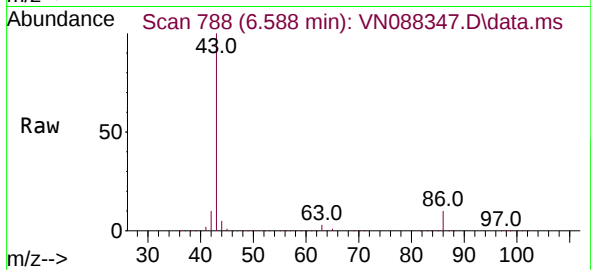
#23
 Vinyl Acetate
 Concen: 248.116 ug/l m
 RT: 6.588 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088347.D
 Acq: 24 Nov 2025 13:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 2718764
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8

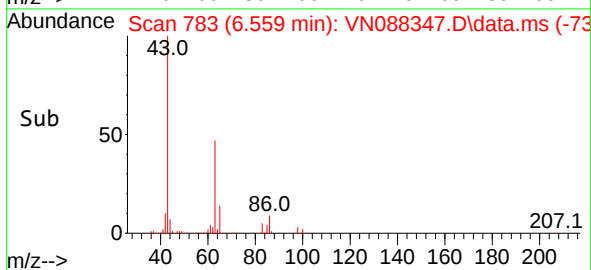
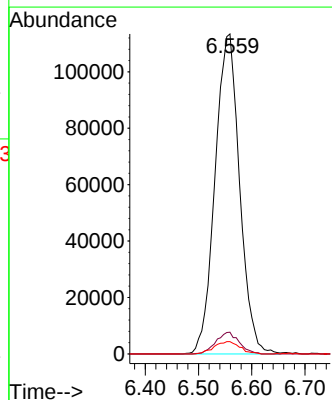
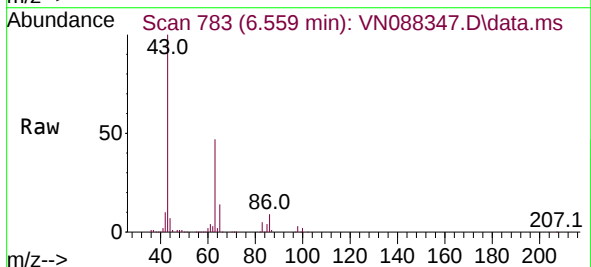
Manual Integrations
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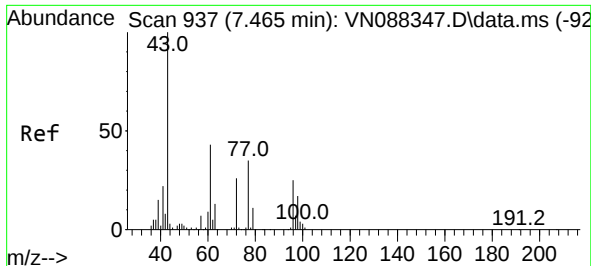
Reviewed By :John Carlone 11/25/2025
 Supervised By :Mahesh Dadoda 11/26/2025



#24
 1,1-Dichloroethane
 Concen: 52.841 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.000 min
 Lab File: VN088347.D
 Acq: 24 Nov 2025 13:53

Tgt Ion: 63 Resp: 362987
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 3.8 1.9 5.7





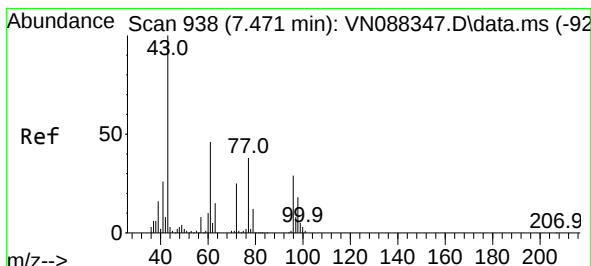
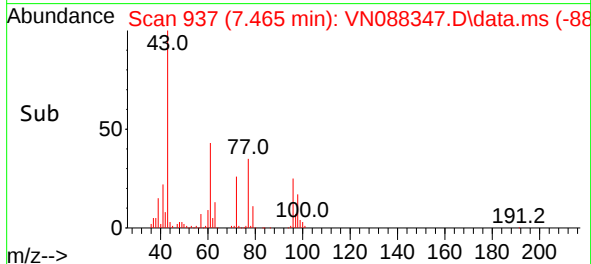
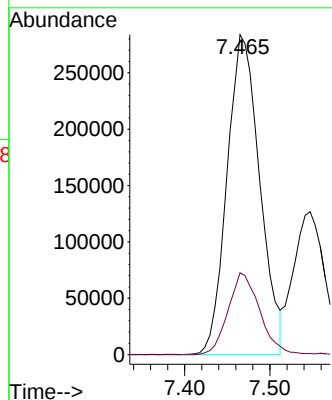
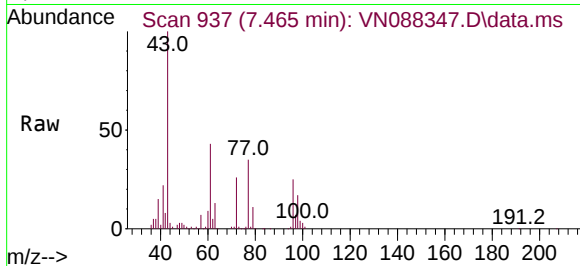
#25
2-Butanone
Concen: 250.619 ug/l
RT: 7.465 min Scan# 937
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 757688
Ion Ratio Lower Upper
43 100
72 25.6 20.5 30.7

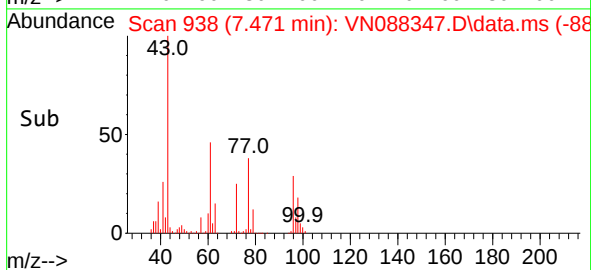
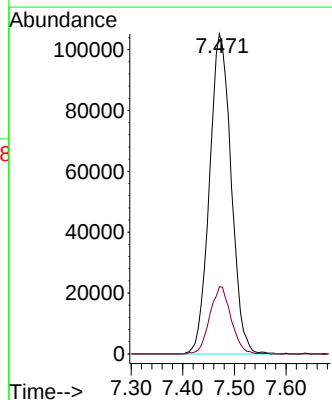
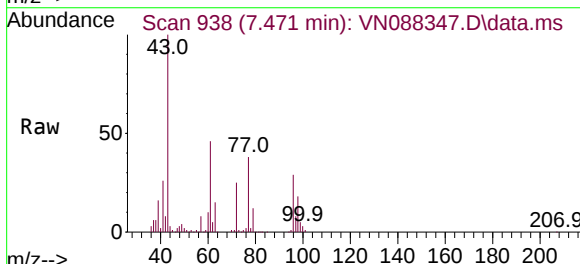
Manual Integrations
APPROVED

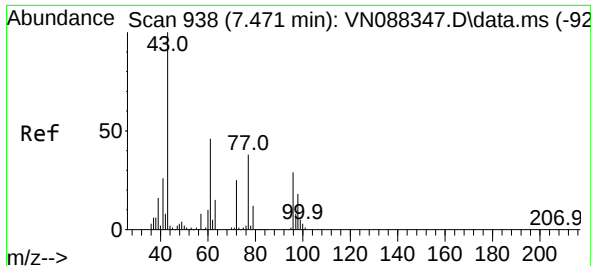
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#26
2,2-Dichloropropane
Concen: 49.612 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

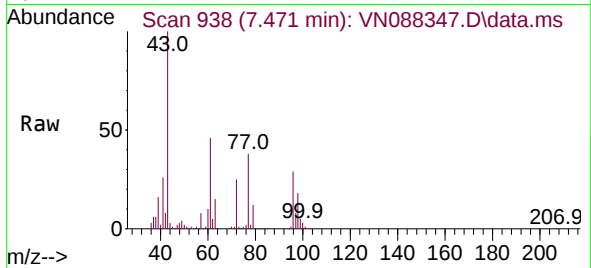
Tgt Ion: 77 Resp: 306308
Ion Ratio Lower Upper
77 100
97 20.6 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 50.066 ug/l
 RT: 7.471 min Scan# 938
 Delta R.T. 0.000 min
 Lab File: VN088347.D
 Acq: 24 Nov 2025 13:53

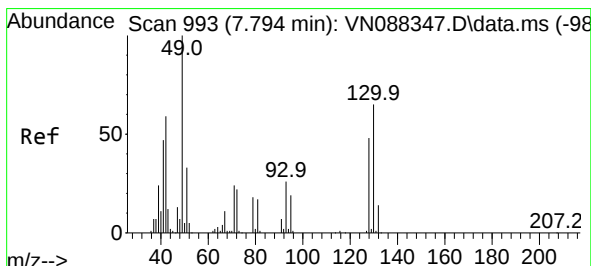
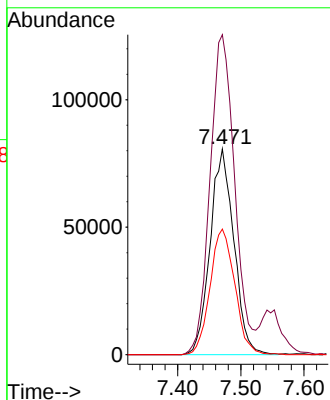
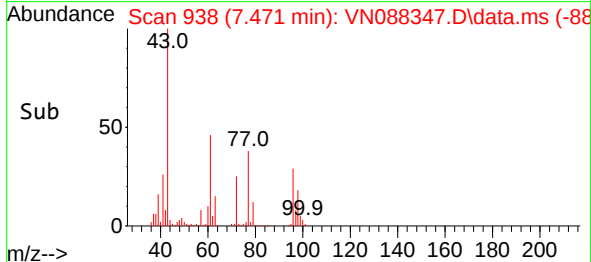
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 210902
 Ion Ratio Lower Upper
 96 100
 61 161.8 0.0 323.6
 98 63.6 0.0 127.2

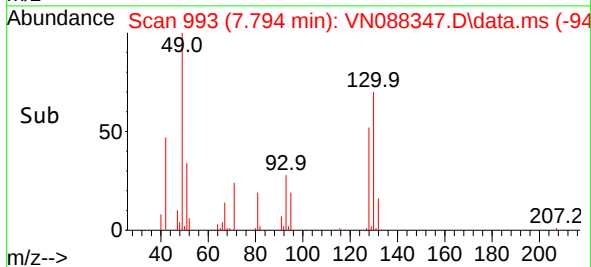
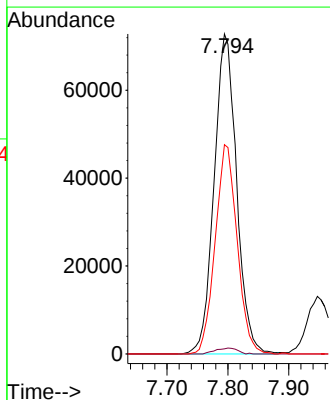
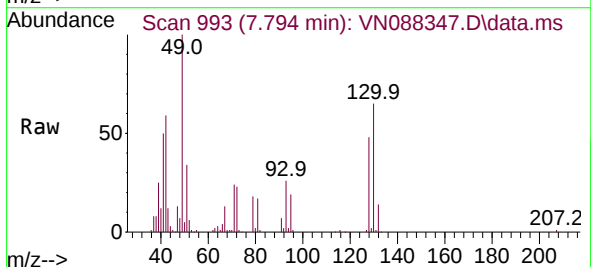
Manual Integrations
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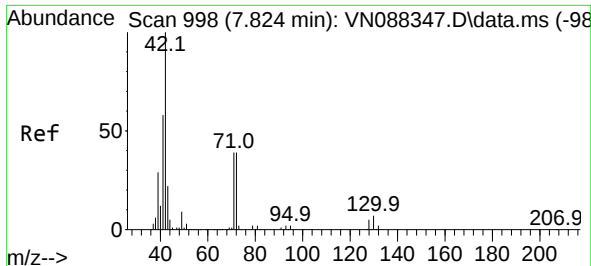
Reviewed By :John Carlone 11/25/2025
 Supervised By :Mahesh Dadoda 11/26/2025



#28
 Bromochloromethane
 Concen: 58.241 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN088347.D
 Acq: 24 Nov 2025 13:53

Tgt Ion: 49 Resp: 186871
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 63.9 51.1 76.7





#29

Tetrahydrofuran

Concen: 271.517 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.000 min

Lab File: VN088347.D

Acq: 24 Nov 2025 13:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

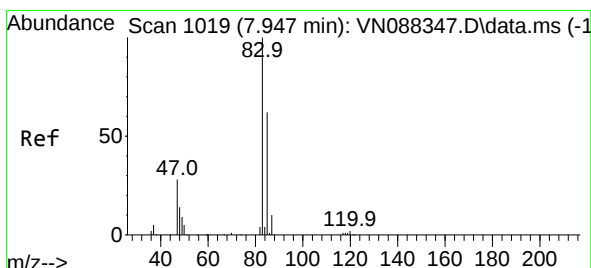
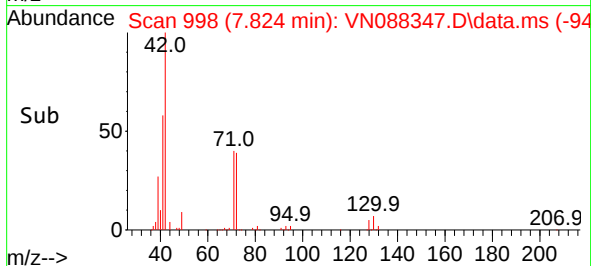
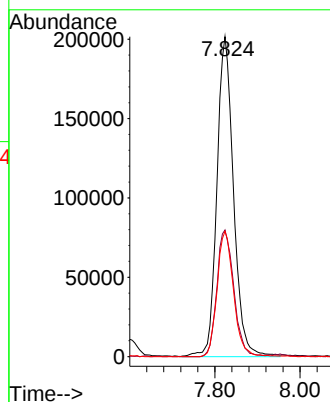
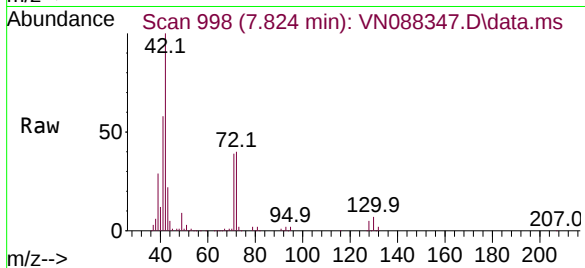
Tgt Ion:	42	Resp:	54594
Ion Ratio	Lower	Upper	
42	100		
72	40.3	32.2	48.4
71	38.9	31.1	46.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#30

Chloroform

Concen: 51.927 ug/l

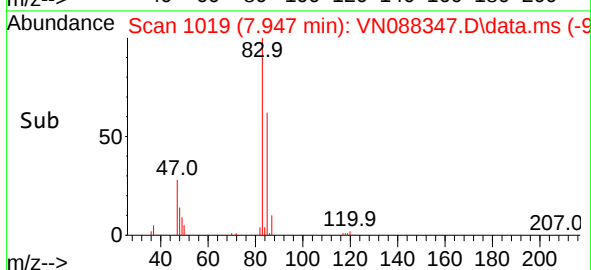
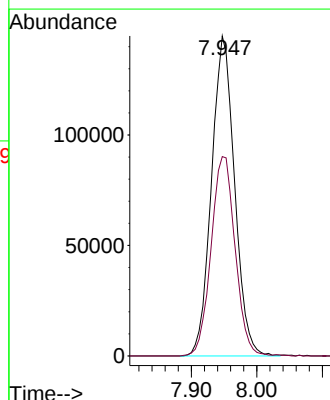
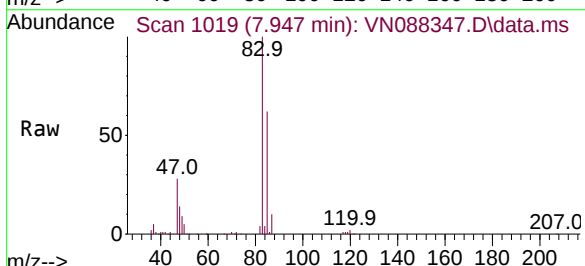
RT: 7.947 min Scan# 1019

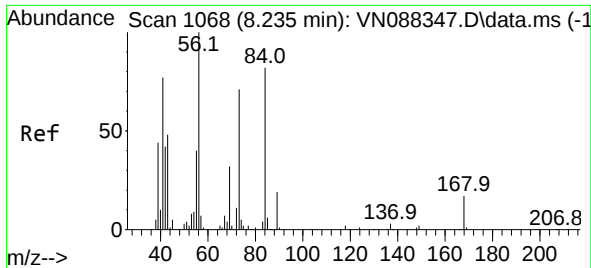
Delta R.T. 0.000 min

Lab File: VN088347.D

Acq: 24 Nov 2025 13:53

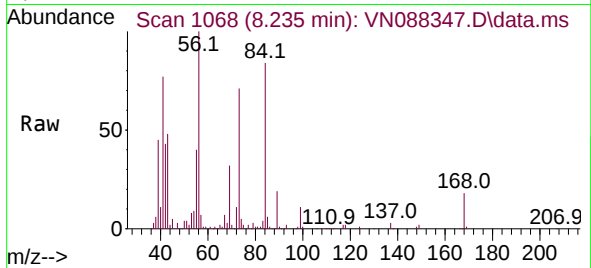
Tgt Ion:	83	Resp:	354218
Ion Ratio	Lower	Upper	
83	100		
85	62.3	49.8	74.8





#31
Cyclohexane
Concen: 45.549 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

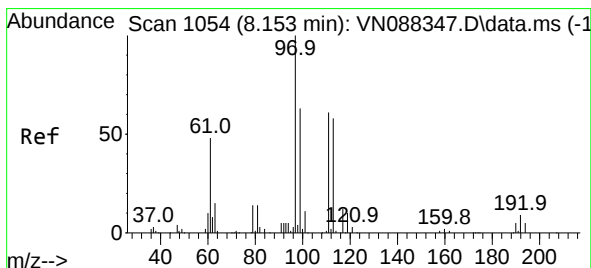
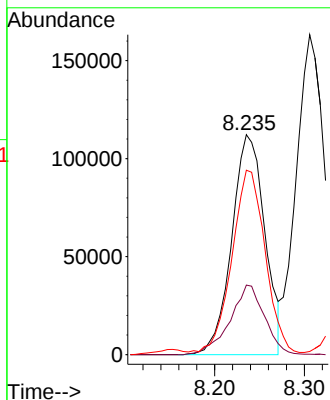
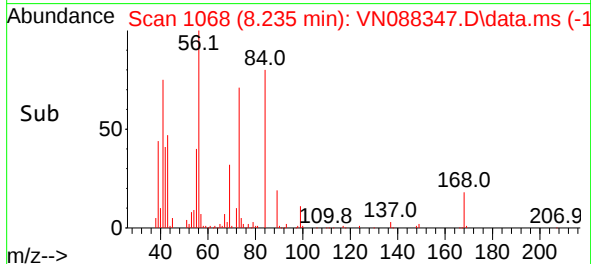
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



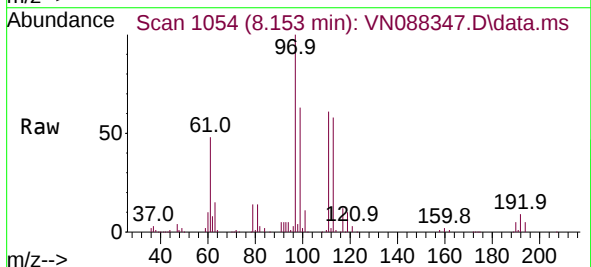
Tgt Ion: 56 Resp: 288262
Ion Ratio Lower Upper
56 100
69 31.6 25.3 37.9
84 81.8 65.4 98.2

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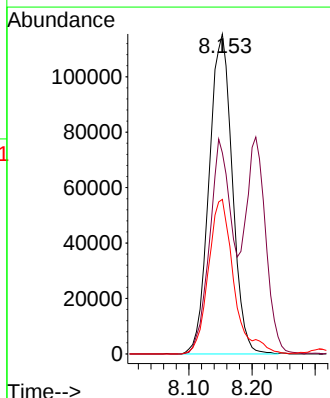
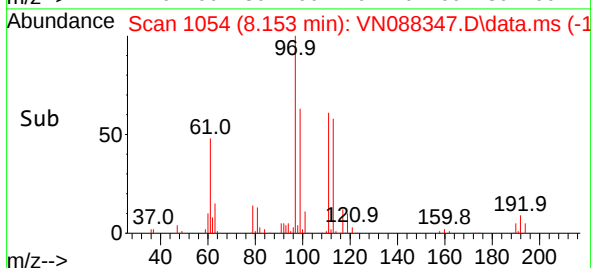
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

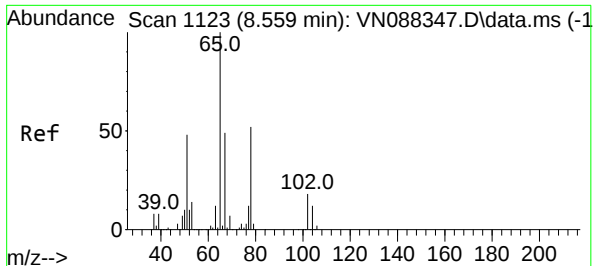


#32
1,1,1-Trichloroethane
Concen: 48.942 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53



Tgt Ion: 97 Resp: 294555
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 52.7 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 55.205 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088347.D

Acq: 24 Nov 2025 13:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 254050

Ion Ratio Lower Upper

65 100

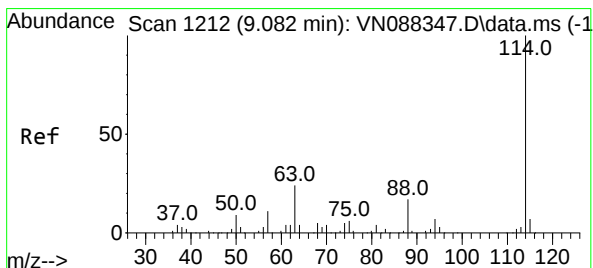
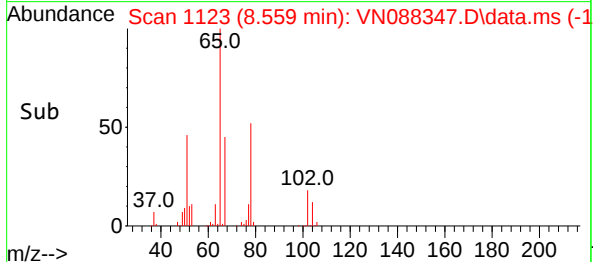
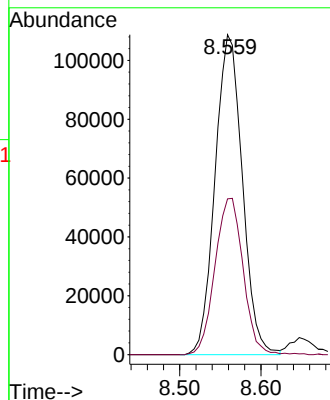
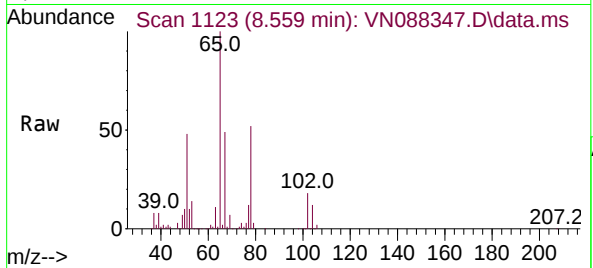
67 50.4 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088347.D

Acq: 24 Nov 2025 13:53

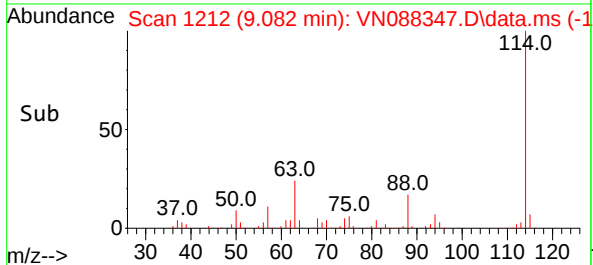
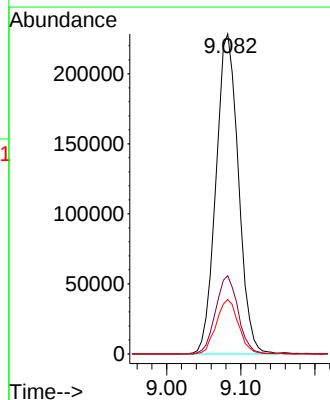
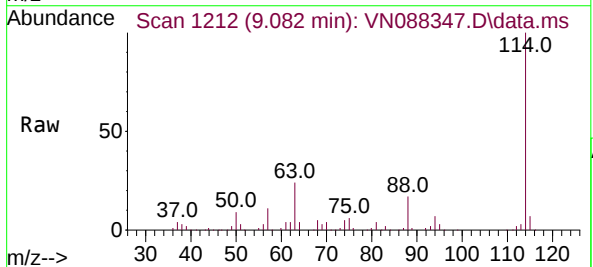
Tgt Ion:114 Resp: 480905

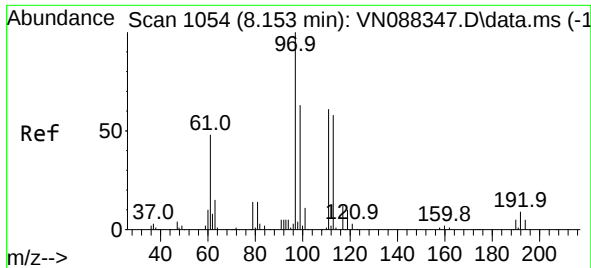
Ion Ratio Lower Upper

114 100

63 24.5 0.0 49.0

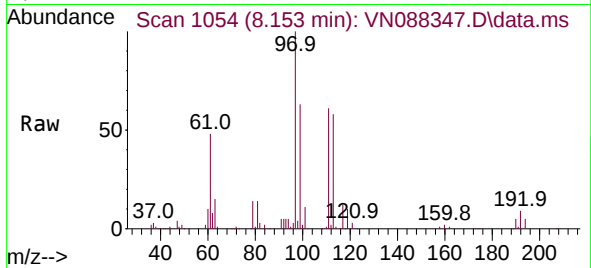
88 17.0 0.0 34.0





#35
Dibromofluoromethane
Concen: 51.013 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

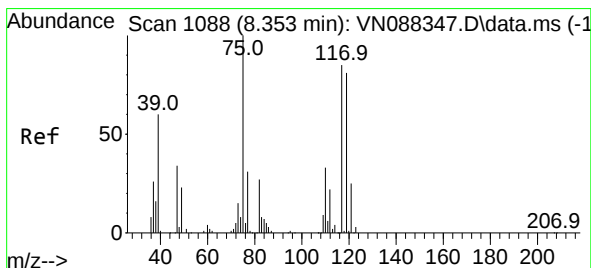
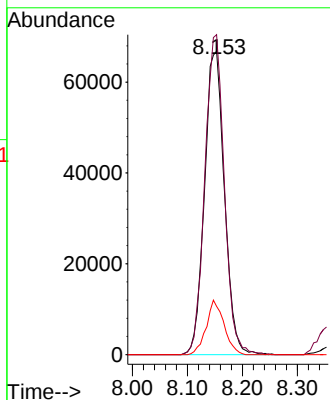
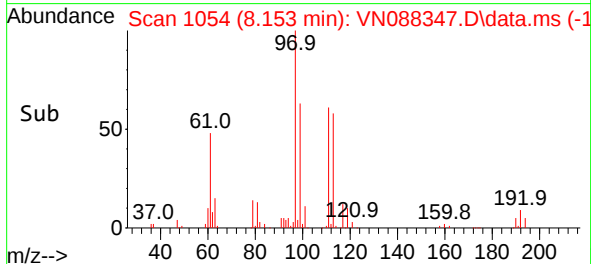
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 113 Resp: 168216
Ion Ratio Lower Upper
113 100
111 103.1 82.5 123.7
192 16.0 12.8 19.2

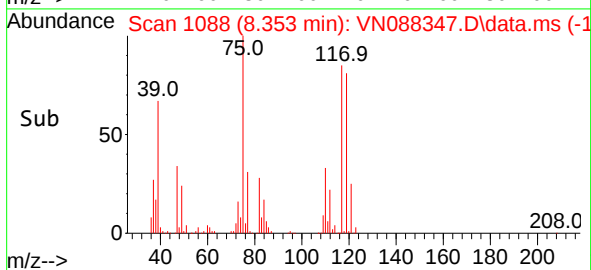
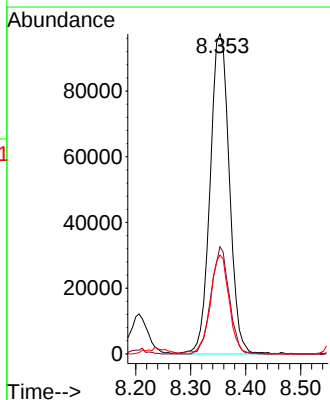
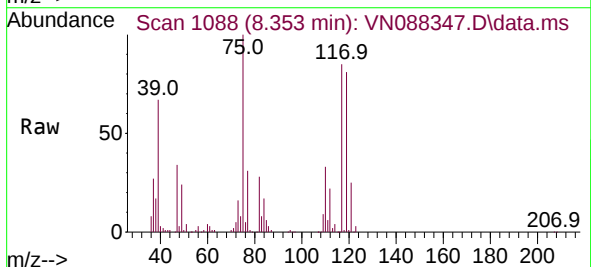
Manual Integrations
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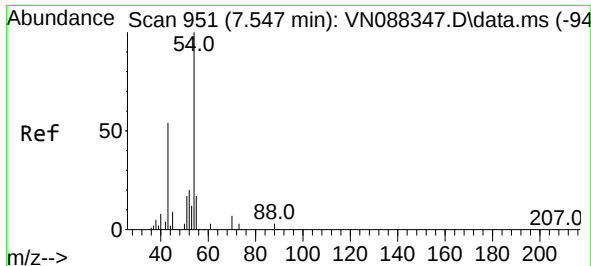
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#36
1,1-Dichloropropene
Concen: 48.678 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

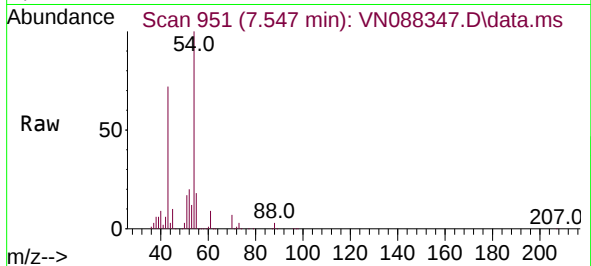
Tgt Ion: 75 Resp: 236320
Ion Ratio Lower Upper
75 100
110 31.6 15.8 47.4
77 30.2 24.2 36.2





#37
Ethyl Acetate
Concen: 53.657 ug/l
RT: 7.547 min Scan# 951
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

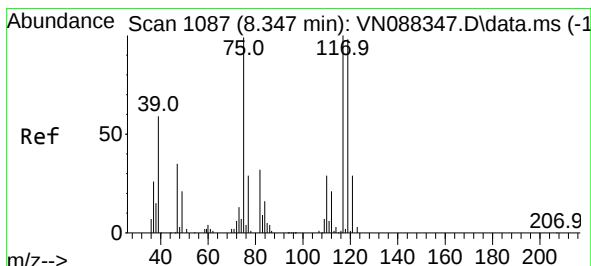
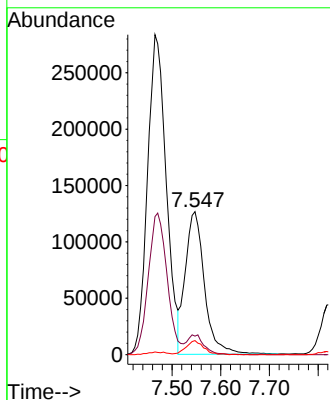
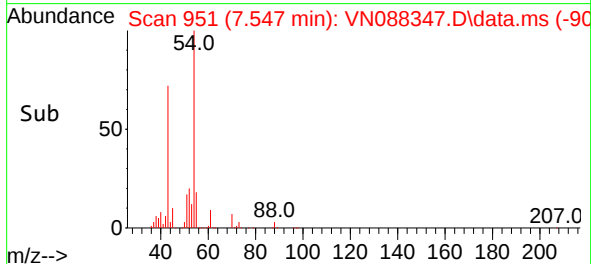
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 346328
Ion Ratio Lower Upper
43 100
61 11.9 9.5 14.3
70 8.9 7.1 10.7

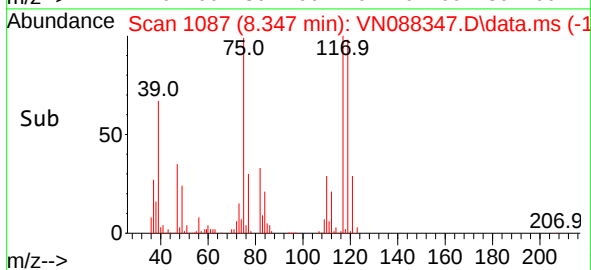
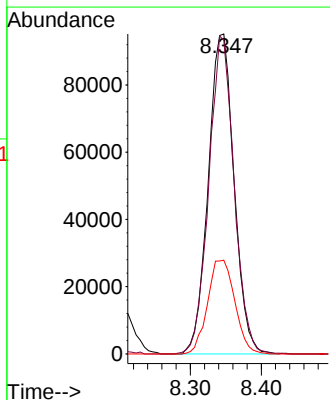
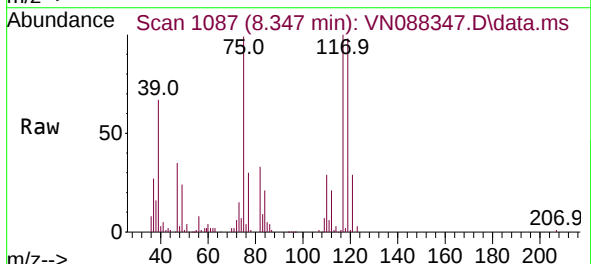
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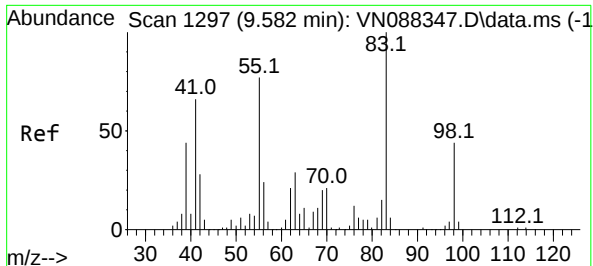
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#38
Carbon Tetrachloride
Concen: 47.979 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

Tgt Ion:117 Resp: 240067
Ion Ratio Lower Upper
117 100
119 97.8 78.2 117.4
121 29.3 23.4 35.2





#39

Methylcyclohexane

Concen: 41.789 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN088347.D

Acq: 24 Nov 2025 13:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 253638

Ion Ratio Lower Upper

83 100

55 77.0 61.6 92.4

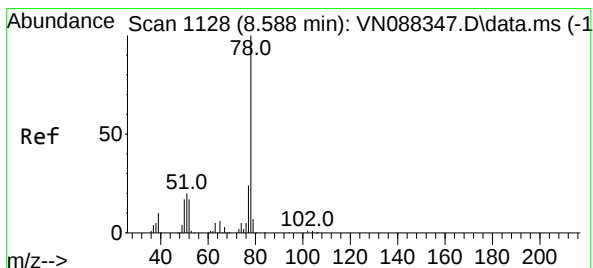
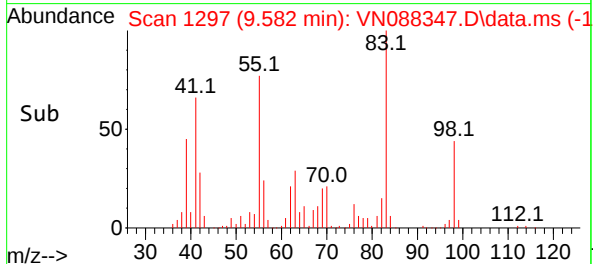
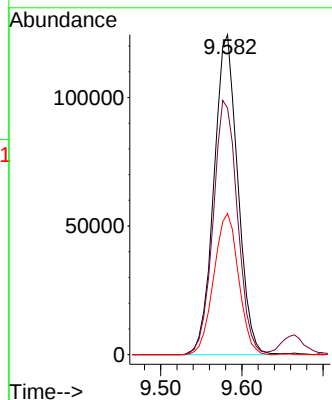
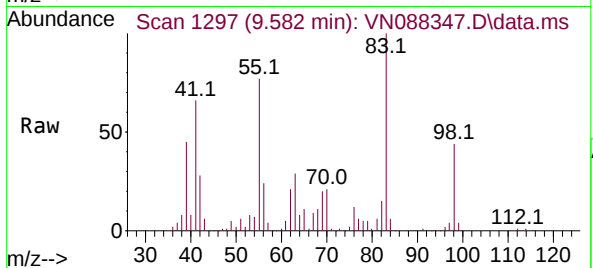
98 44.1 35.3 52.9

Manual Integrations

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Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#40

Benzene

Concen: 50.260 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN088347.D

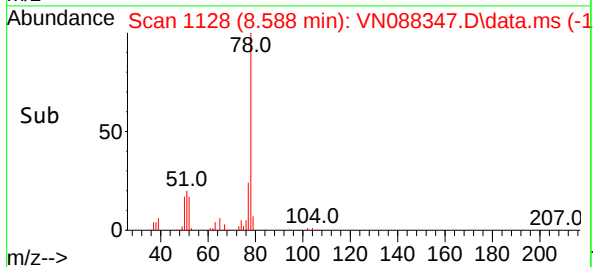
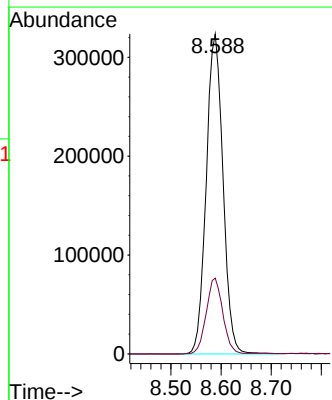
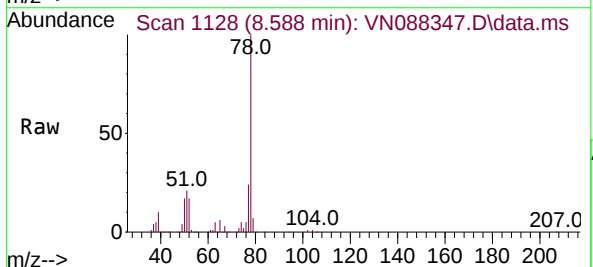
Acq: 24 Nov 2025 13:53

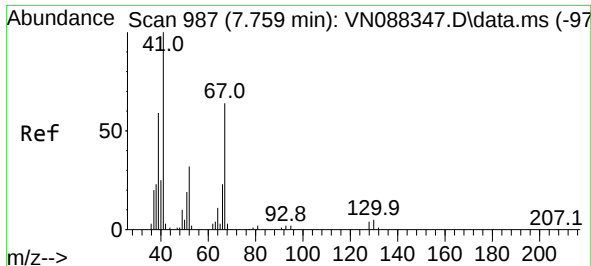
Tgt Ion: 78 Resp: 749637

Ion Ratio Lower Upper

78 100

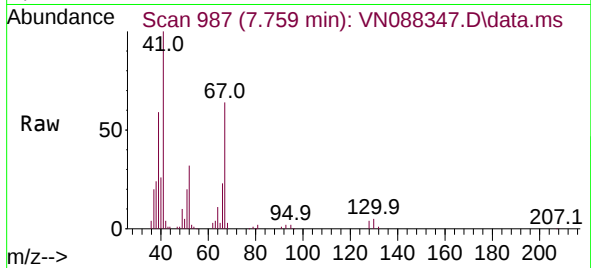
77 23.7 19.0 28.4





#41
Methacrylonitrile
Concen: 51.334 ug/l
RT: 7.759 min Scan# 987
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

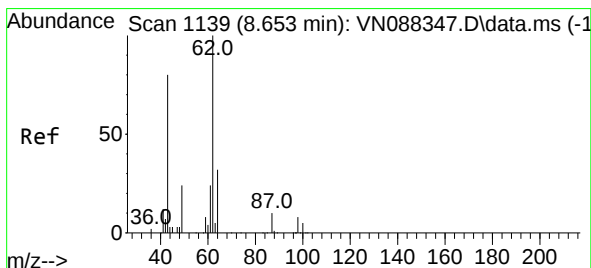
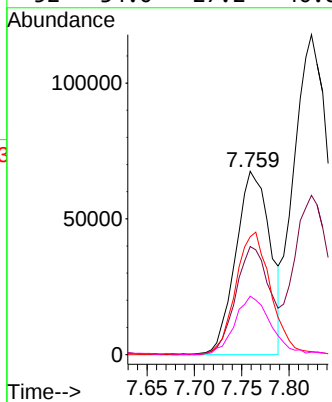
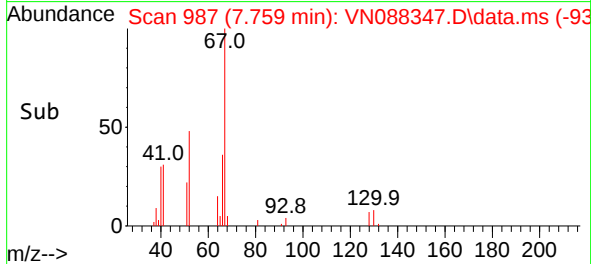
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 17157
Ion Ratio Lower Upper
41 100
39 57.9 46.3 69.5
67 68.4 54.7 82.1
52 34.0 27.2 40.8

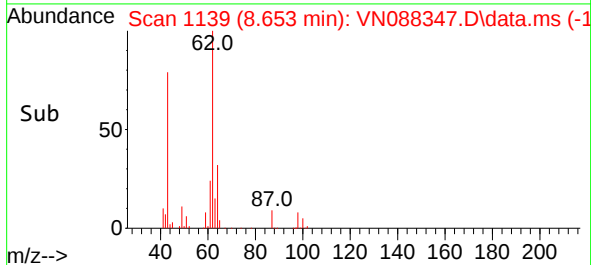
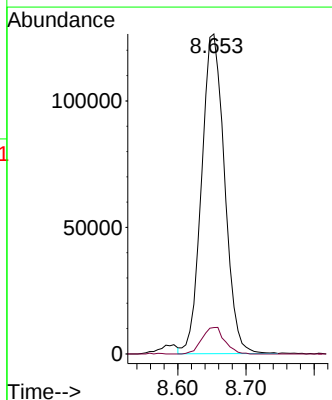
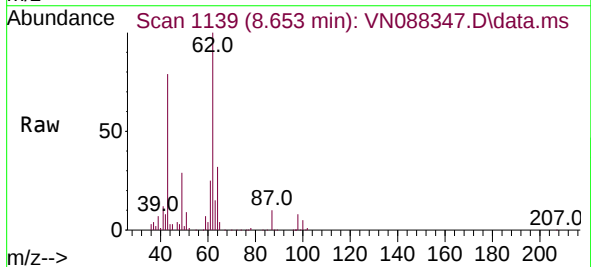
Manual Integrations
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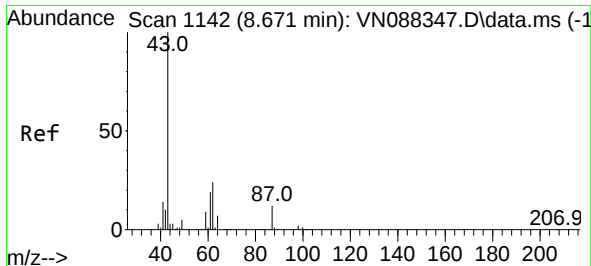
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#42
1,2-Dichloroethane
Concen: 54.896 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

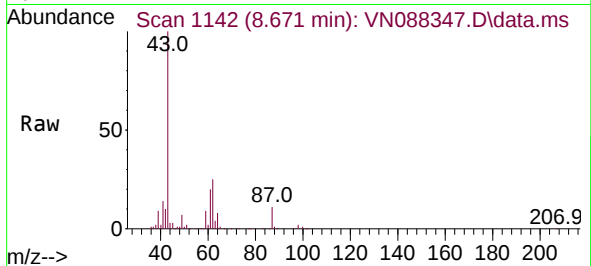
Tgt Ion: 62 Resp: 295993
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.2





#43
Isopropyl Acetate
Concen: 54.522 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

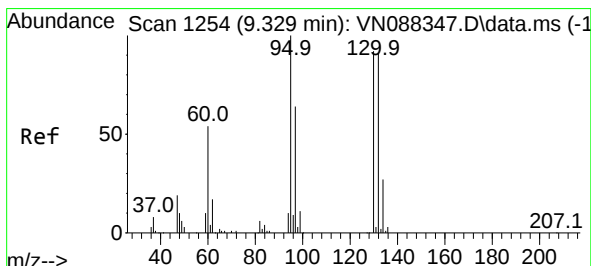
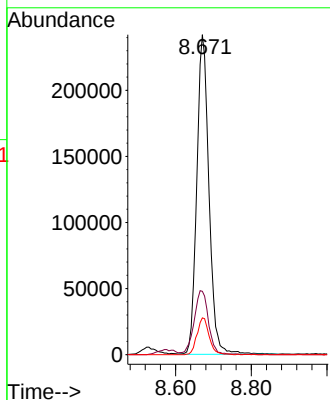
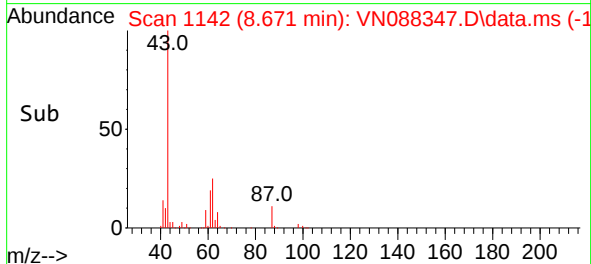
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 536716
Ion Ratio Lower Upper
43 100
61 23.4 18.7 28.1
87 11.4 9.1 13.7

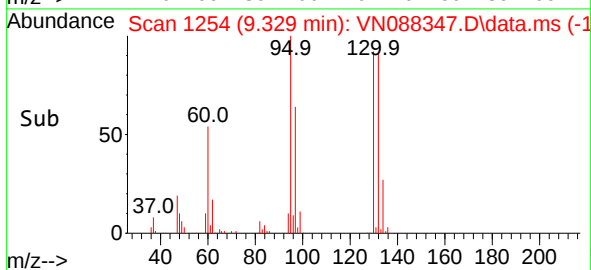
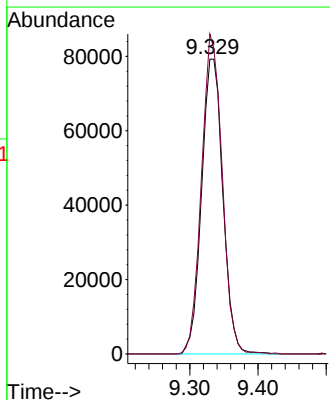
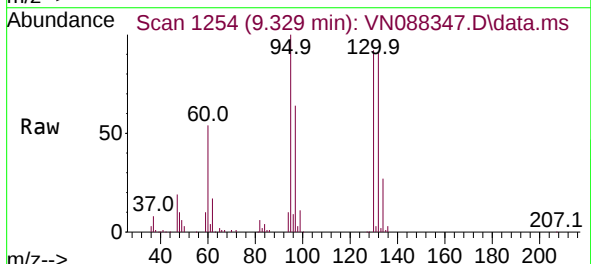
Manual Integrations
APPROVED

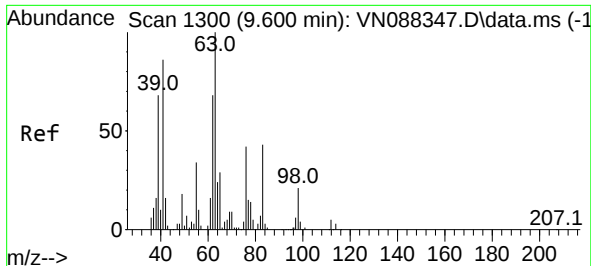
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#44
Trichloroethene
Concen: 49.440 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

Tgt Ion:130 Resp: 171828
Ion Ratio Lower Upper
130 100
95 108.5 0.0 217.0





#45

1,2-Dichloropropane

Concen: 51.585 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088347.D

Acq: 24 Nov 2025 13:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 195340

Ion Ratio Lower Upper

63 100

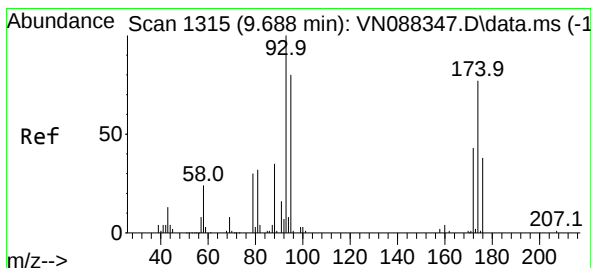
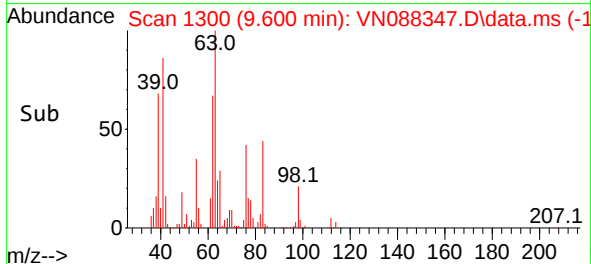
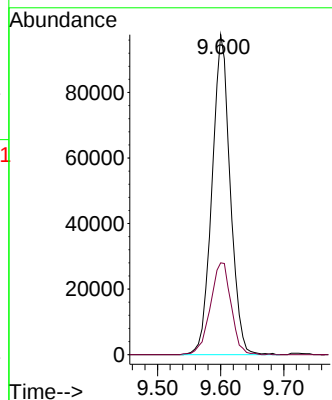
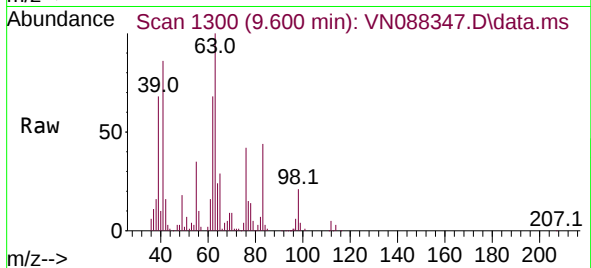
65 28.7 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#46

Dibromomethane

Concen: 52.056 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088347.D

Acq: 24 Nov 2025 13:53

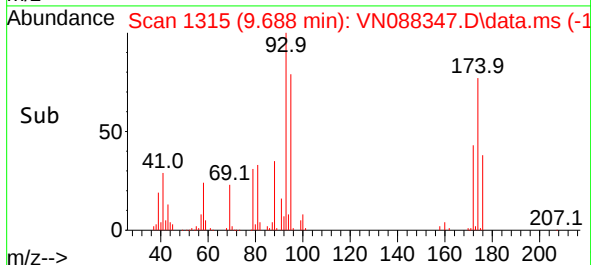
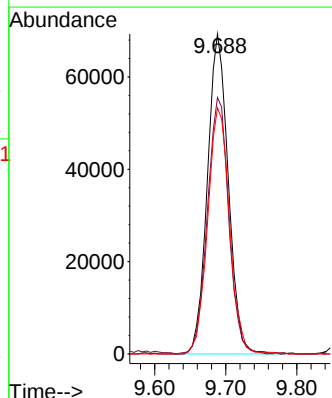
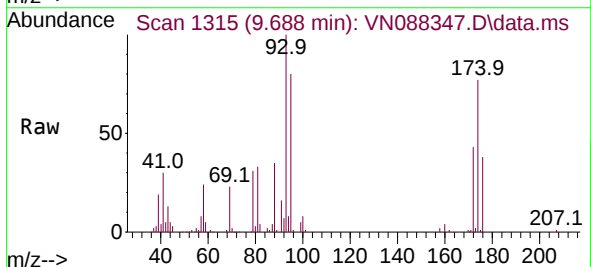
Tgt Ion: 93 Resp: 140875

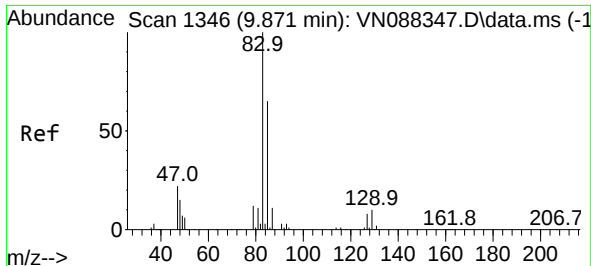
Ion Ratio Lower Upper

93 100

95 82.2 65.8 98.6

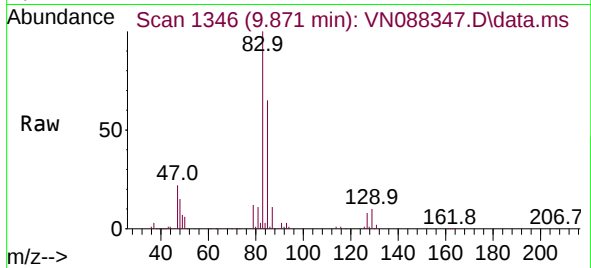
174 80.4 64.3 96.5





#47
Bromodichloromethane
Concen: 52.293 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

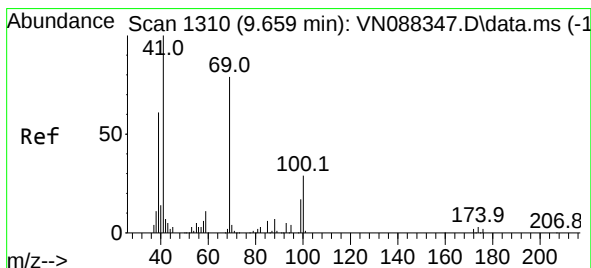
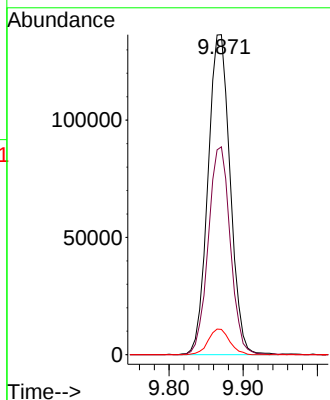
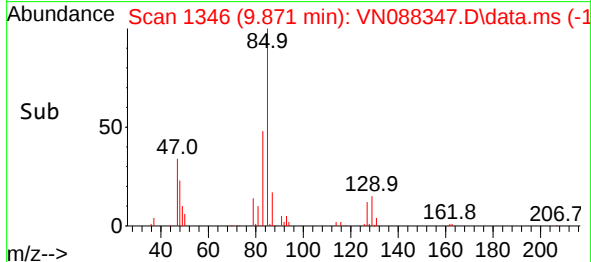
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 28344
Ion Ratio Lower Upper
83 100
85 64.9 51.9 77.9
127 7.9 6.3 9.5

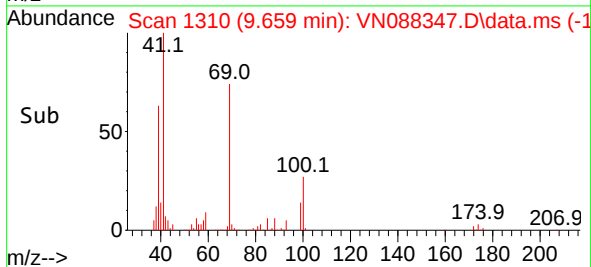
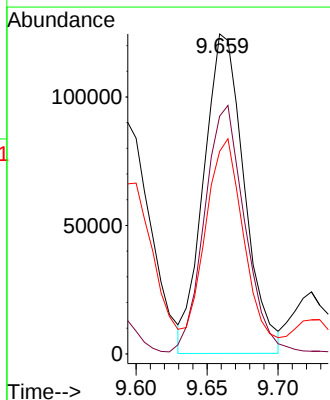
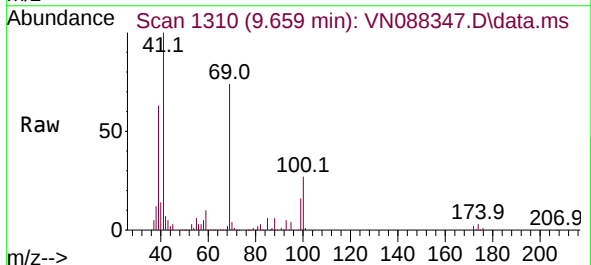
Manual Integrations
APPROVED

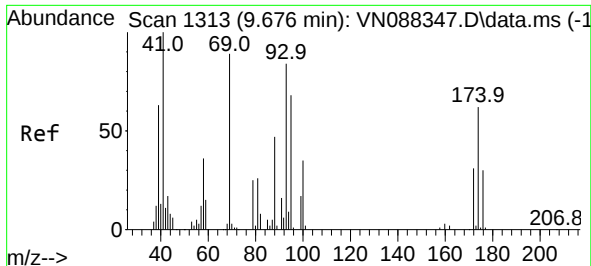
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#48
Methyl methacrylate
Concen: 54.300 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

Tgt Ion: 41 Resp: 246767
Ion Ratio Lower Upper
41 100
69 78.0 62.4 93.6
39 65.8 52.6 79.0





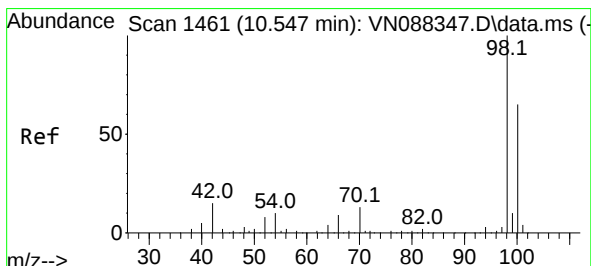
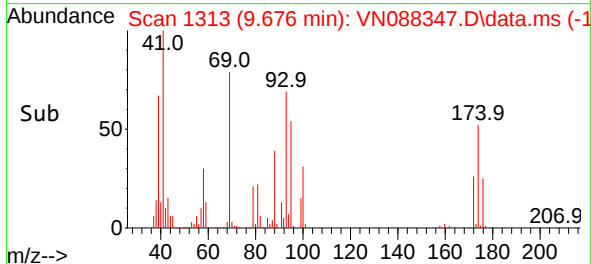
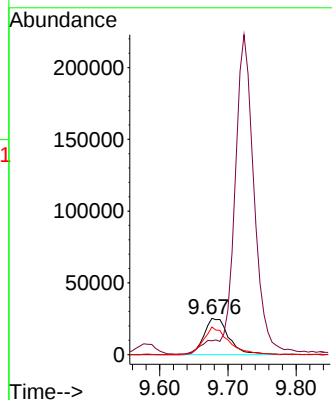
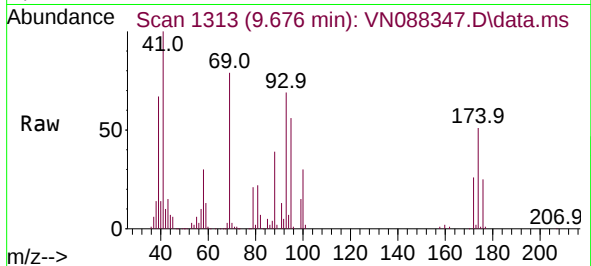
#49
1,4-Dioxane
Concen: 1111.677 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 63660
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 77.5 62.0 93.0

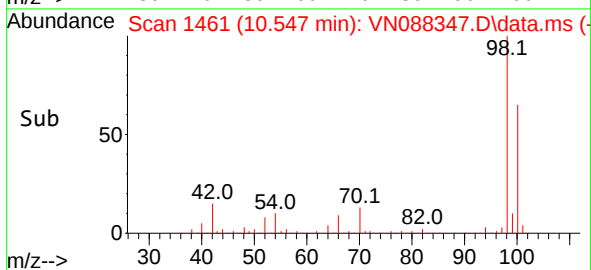
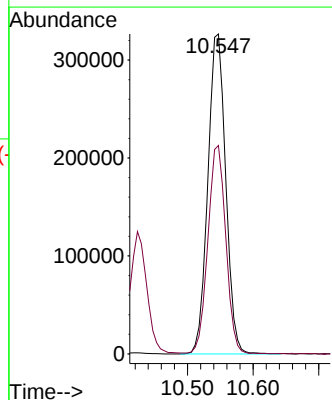
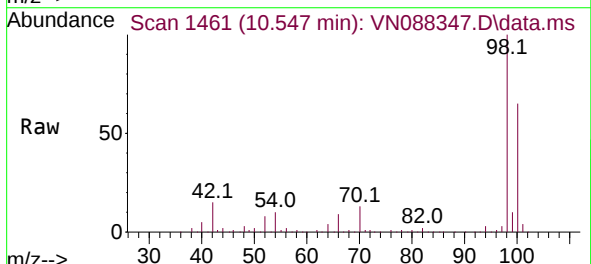
Manual Integrations
APPROVED

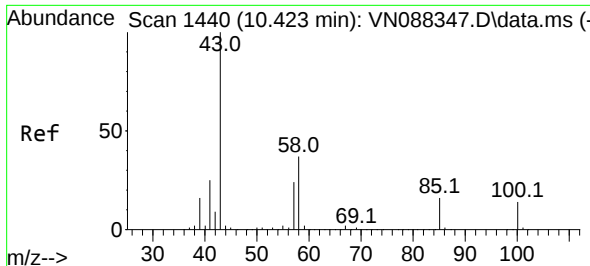
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#50
Toluene-d8
Concen: 49.180 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

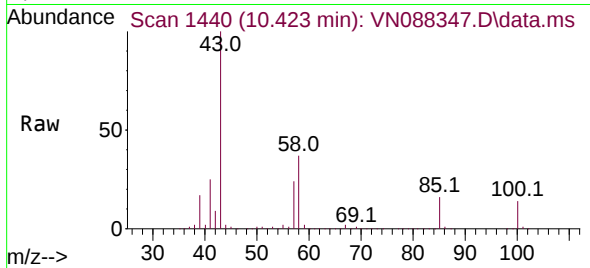
Tgt Ion: 98 Resp: 618062
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2





#51
4-Methyl-2-Pentanone
Concen: 277.304 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

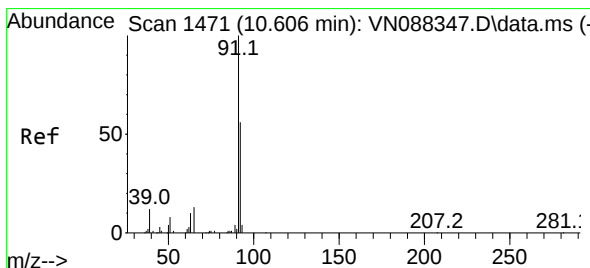
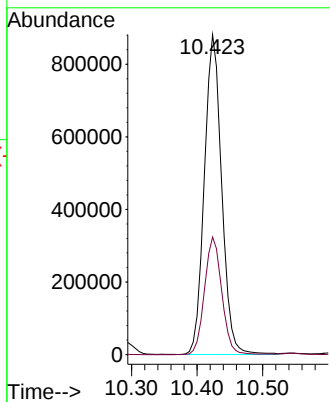
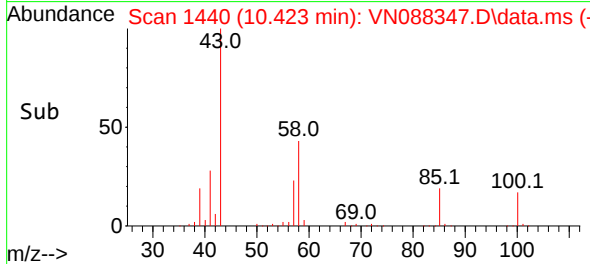
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 1618000
Ion Ratio Lower Upper
43 100
58 36.4 29.1 43.7

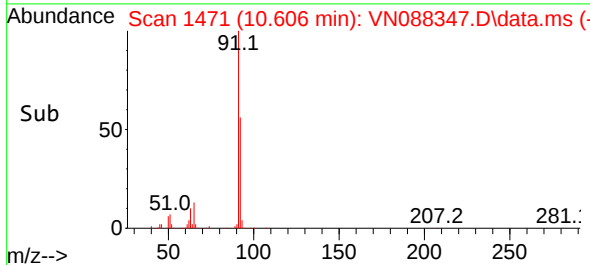
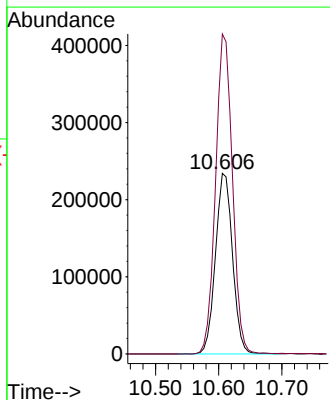
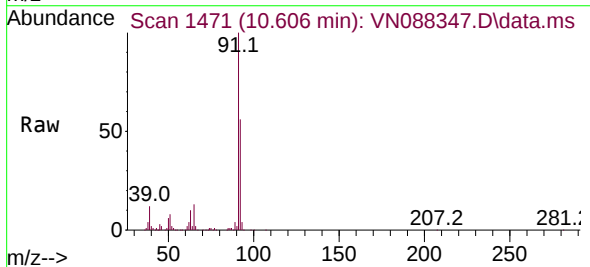
Manual Integrations
APPROVED

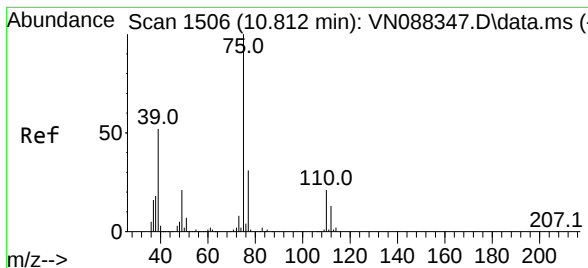
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#52
Toluene
Concen: 48.202 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

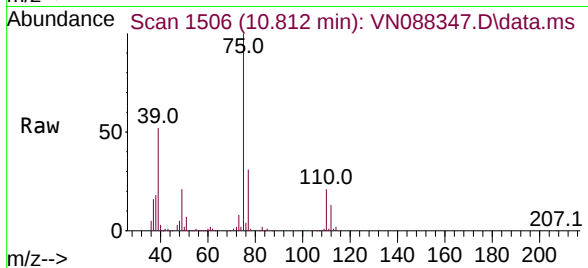
Tgt Ion: 92 Resp: 439167
Ion Ratio Lower Upper
92 100
91 175.2 140.2 210.2





#53
 t-1,3-Dichloropropene
 Concen: 52.732 ug/l
 RT: 10.812 min Scan# 1506
 Delta R.T. 0.000 min
 Lab File: VN088347.D
 Acq: 24 Nov 2025 13:53

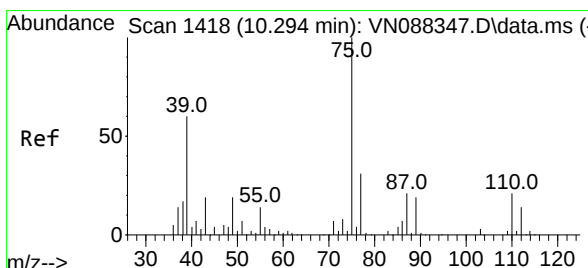
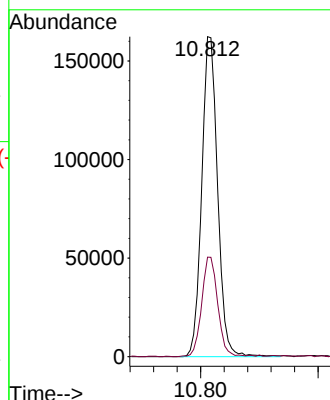
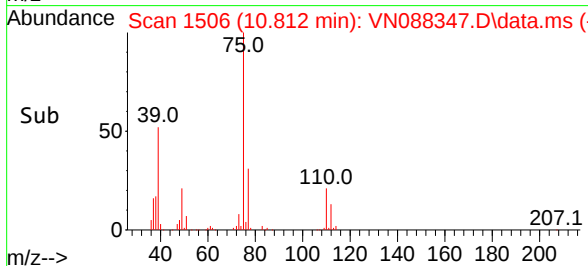
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



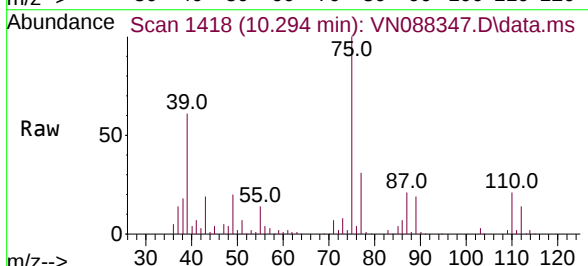
Tgt Ion: 75 Resp: 30353
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.8 37.2

Manual Integrations
 APPROVED

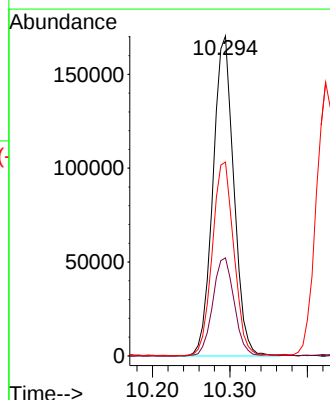
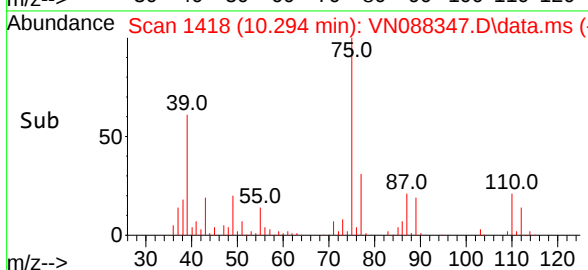
Reviewed By :John Carlone 11/25/2025
 Supervised By :Mahesh Dadoda 11/26/2025

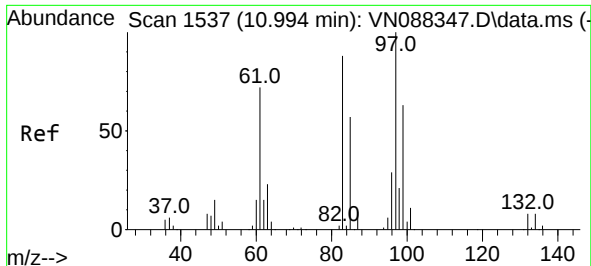


#54
 cis-1,3-Dichloropropene
 Concen: 52.127 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN088347.D
 Acq: 24 Nov 2025 13:53



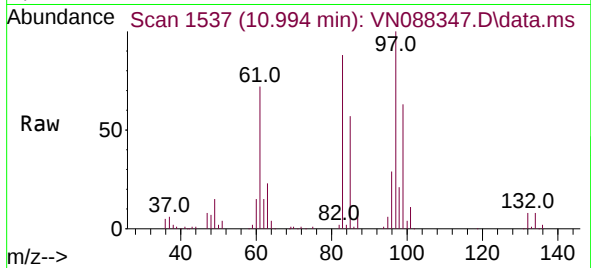
Tgt Ion: 75 Resp: 318360
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.5 36.7
 39 60.4 48.3 72.5





#55
1,1,2-Trichloroethane
Concen: 48.898 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

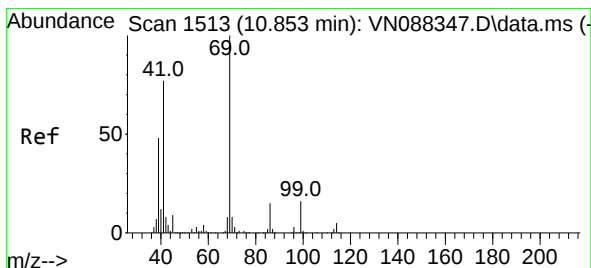
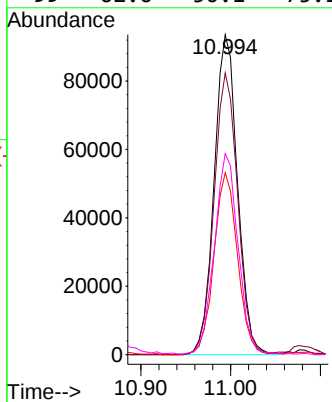
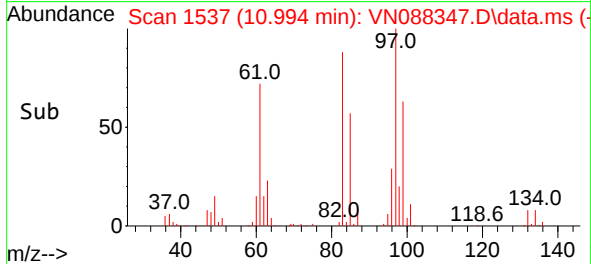
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



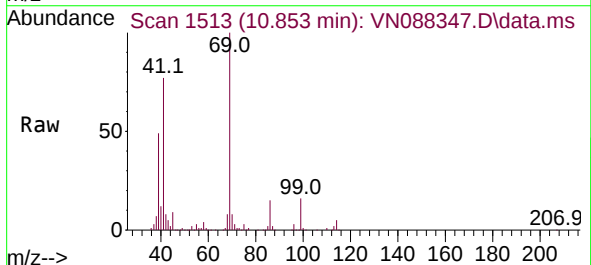
Tgt Ion: 97 Resp: 169966
Ion Ratio Lower Upper
97 100
83 88.0 70.4 105.6
85 56.8 45.4 68.2
99 62.6 50.1 75.1

Manual Integrations
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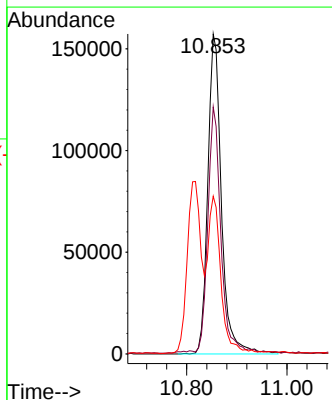
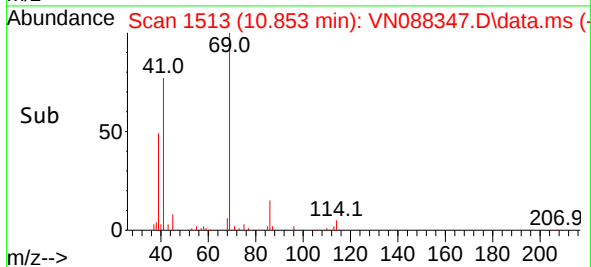
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

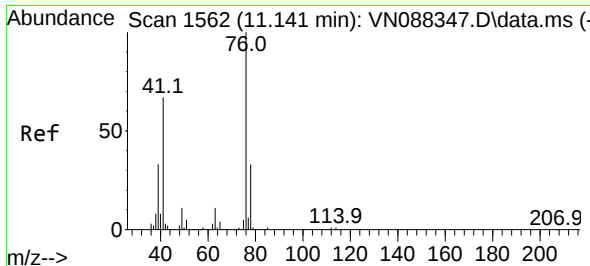


#56
Ethyl methacrylate
Concen: 53.440 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53



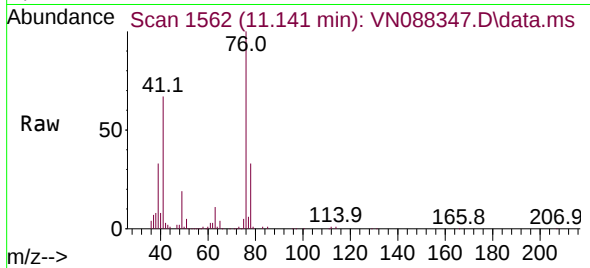
Tgt Ion: 69 Resp: 296224
Ion Ratio Lower Upper
69 100
41 74.5 59.6 89.4
39 45.5 36.4 54.6





#57
1,3-Dichloropropane
Concen: 50.536 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

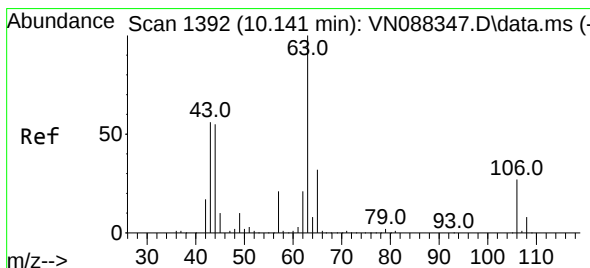
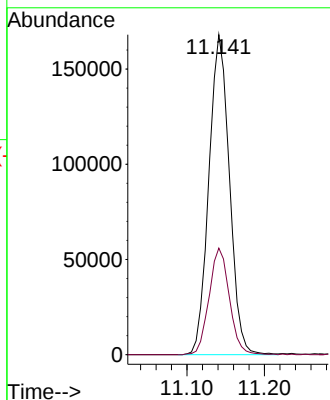
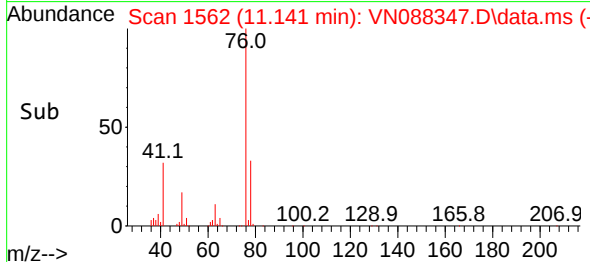
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 309692
Ion Ratio Lower Upper
76 100
78 32.8 26.2 39.4

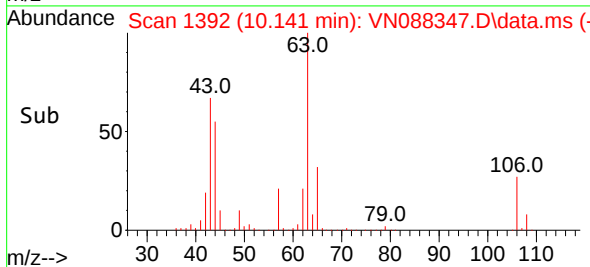
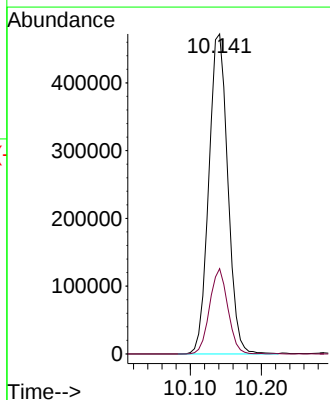
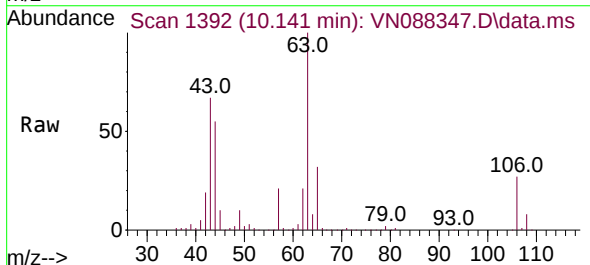
Manual Integrations
APPROVED

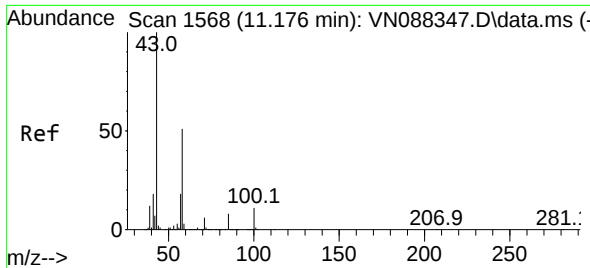
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#58
2-Chloroethyl Vinyl ether
Concen: 295.946 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

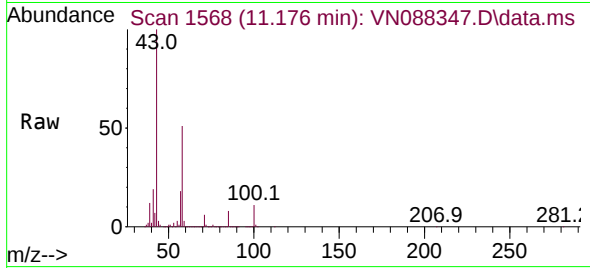
Tgt Ion: 63 Resp: 875006
Ion Ratio Lower Upper
63 100
106 25.6 20.5 30.7





#59
2-Hexanone
Concen: 273.278 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

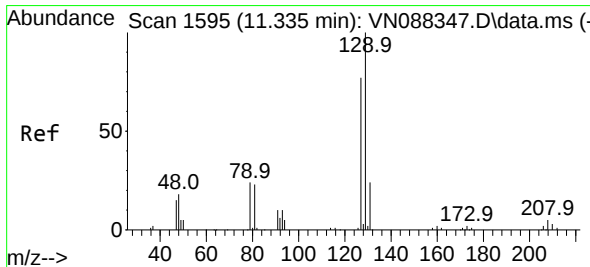
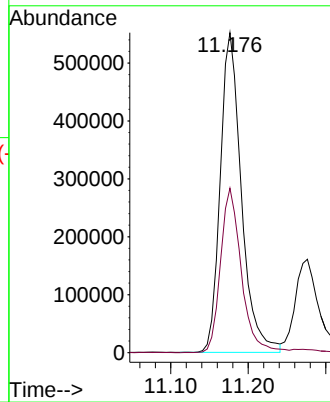
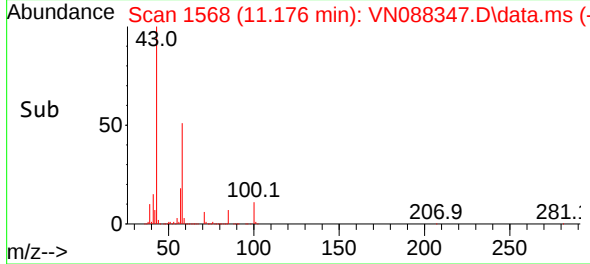
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



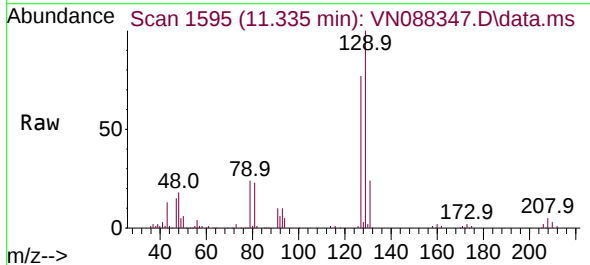
Tgt Ion: 43 Resp: 1048582
Ion Ratio Lower Upper
43 100
58 50.6 25.3 75.9

Manual Integrations
APPROVED

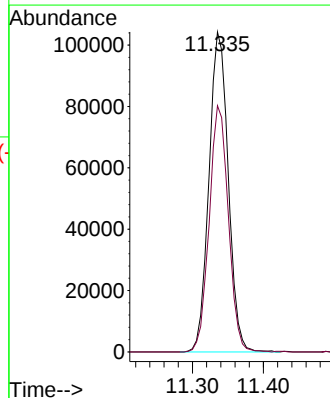
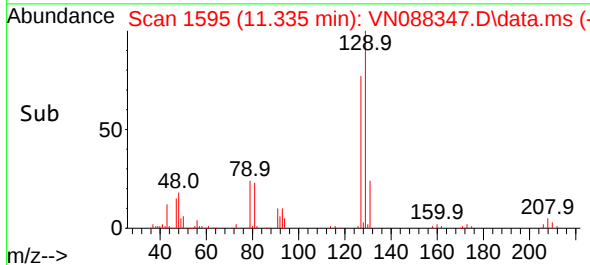
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

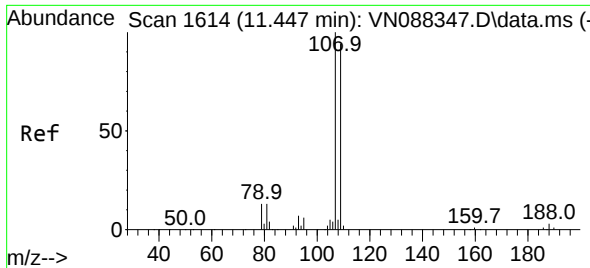


#60
Dibromochloromethane
Concen: 49.794 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53



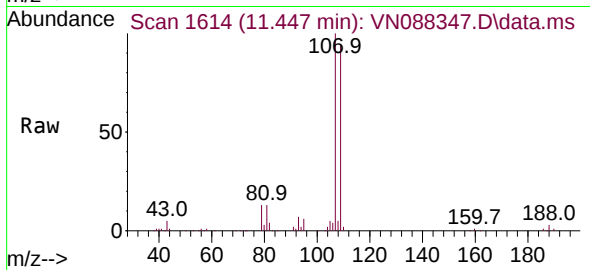
Tgt Ion:129 Resp: 196756
Ion Ratio Lower Upper
129 100
127 76.4 38.2 114.6





#61
1,2-Dibromoethane
Concen: 49.512 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

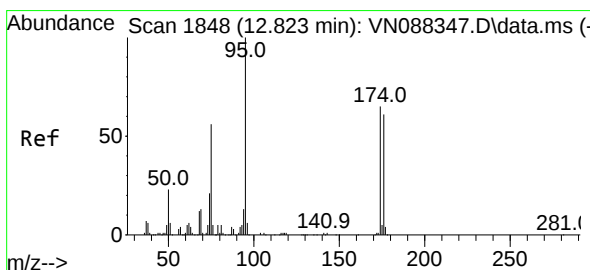
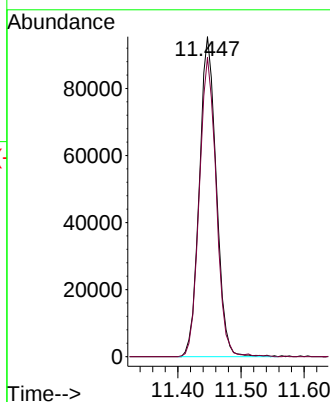
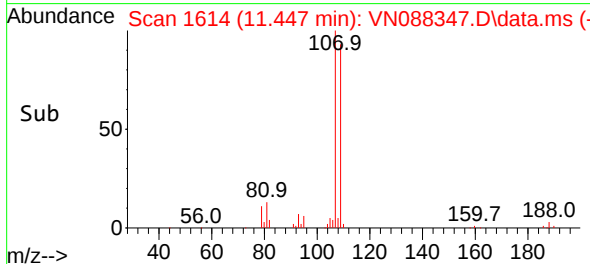
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



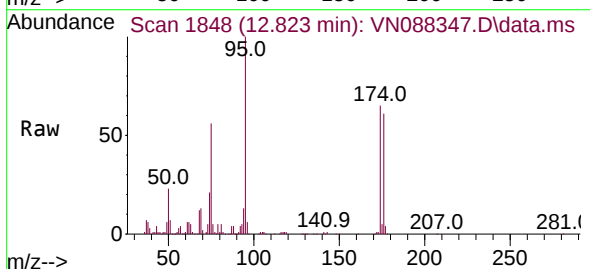
Tgt Ion:107 Resp: 177636
Ion Ratio Lower Upper
107 100
109 93.3 74.6 112.0

Manual Integrations
APPROVED

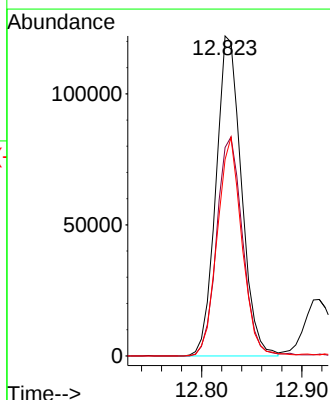
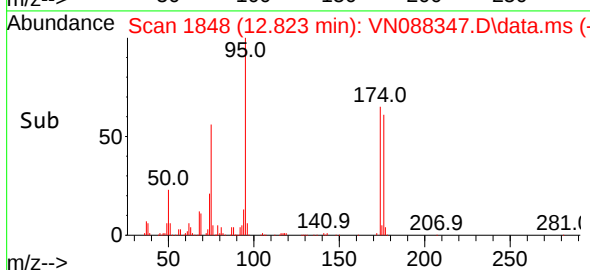
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

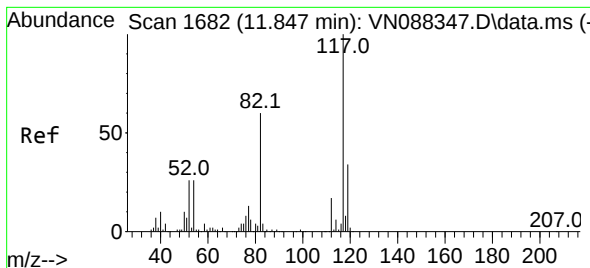


#62
4-Bromofluorobenzene
Concen: 48.802 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53



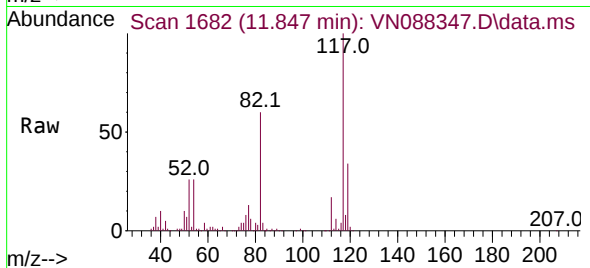
Tgt Ion: 95 Resp: 215443
Ion Ratio Lower Upper
95 100
174 69.5 0.0 139.0
176 66.2 0.0 132.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

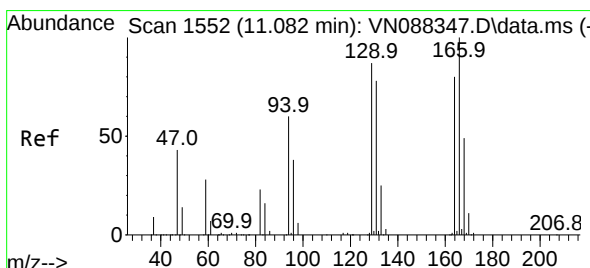
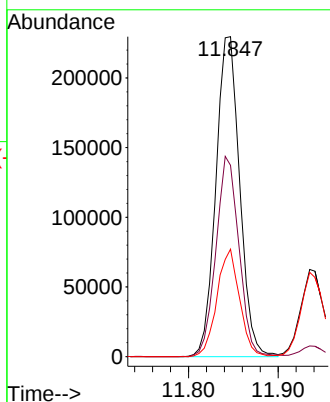
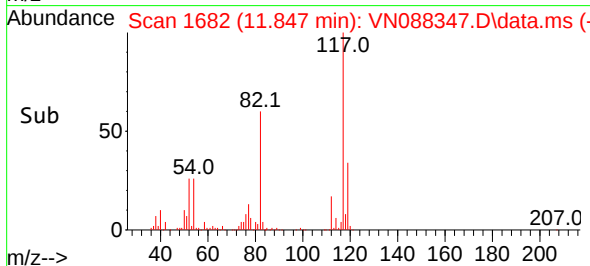
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 425874
Ion Ratio Lower Upper
117 100
82 59.8 47.8 71.8
119 33.6 26.9 40.3

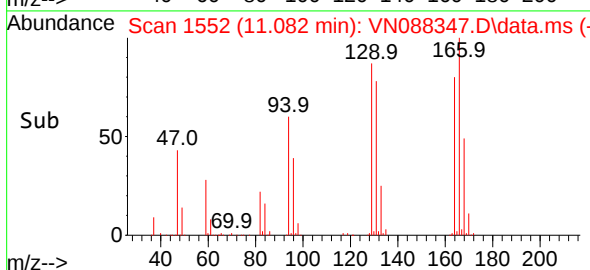
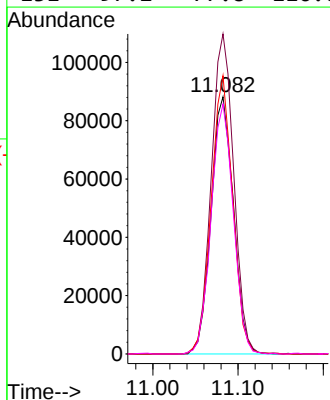
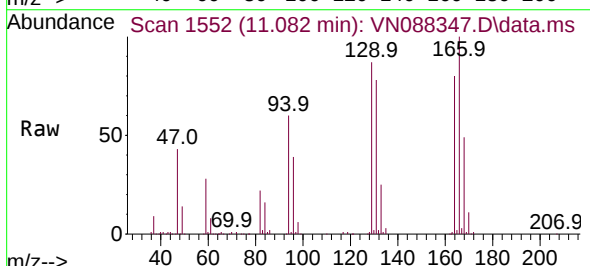
Manual Integrations
APPROVED

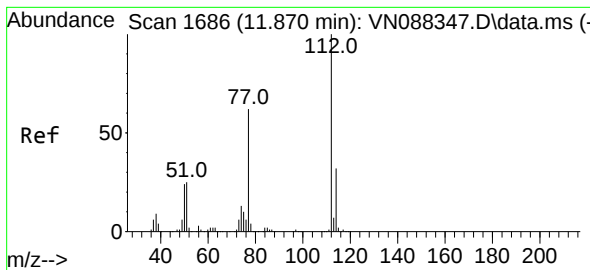
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#64
Tetrachloroethene
Concen: 53.914 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

Tgt Ion:164 Resp: 160566
Ion Ratio Lower Upper
164 100
166 124.5 99.6 149.4
129 108.2 86.6 129.8
131 97.2 77.8 116.6





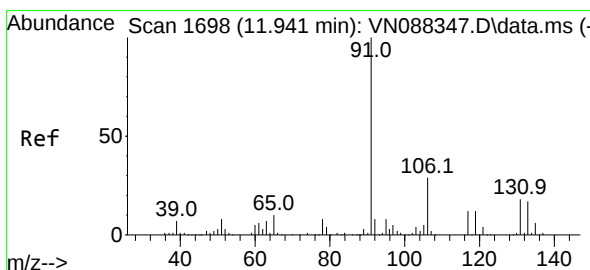
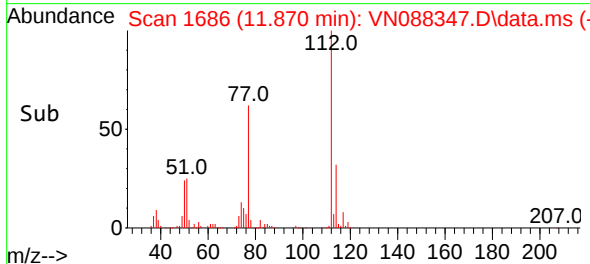
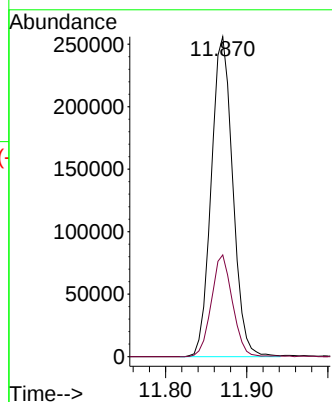
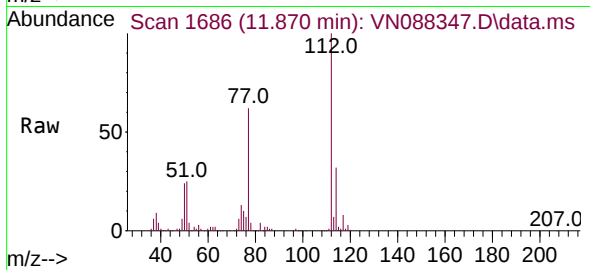
#65
Chlorobenzene
Concen: 47.564 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 471088
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

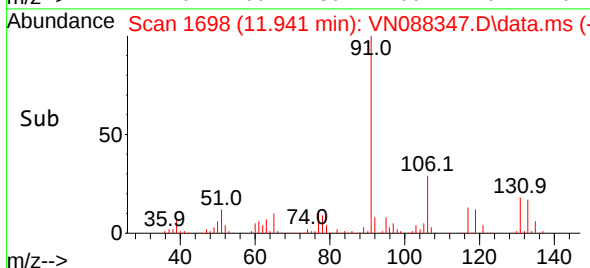
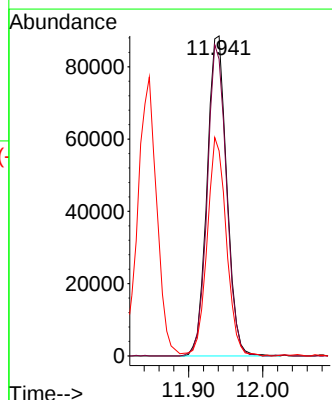
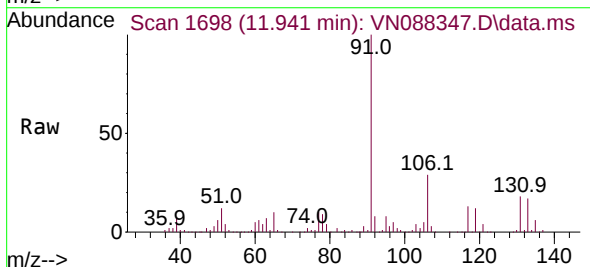
Manual Integrations
APPROVED

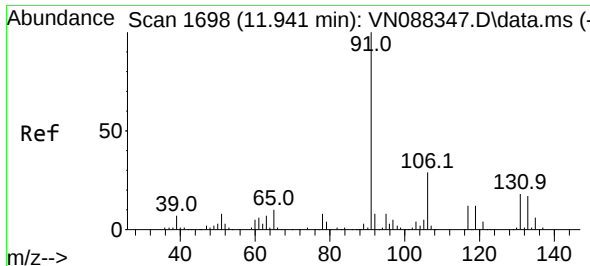
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 49.826 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

Tgt Ion:131 Resp: 162993
Ion Ratio Lower Upper
131 100
133 94.8 47.4 142.2
119 66.7 33.4 100.1





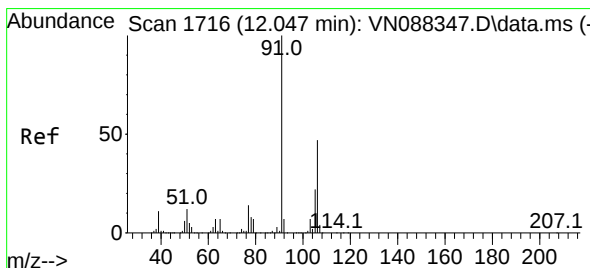
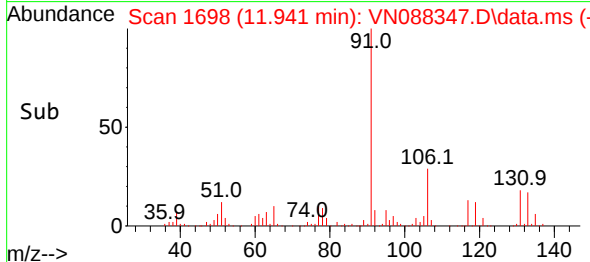
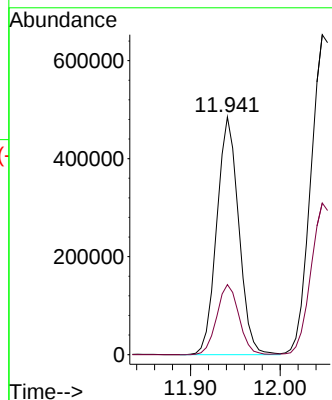
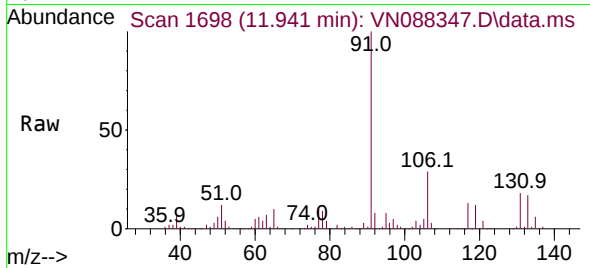
#67
Ethyl Benzene
Concen: 47.473 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 825262
Ion Ratio Lower Upper
91 100
106 29.5 23.6 35.4

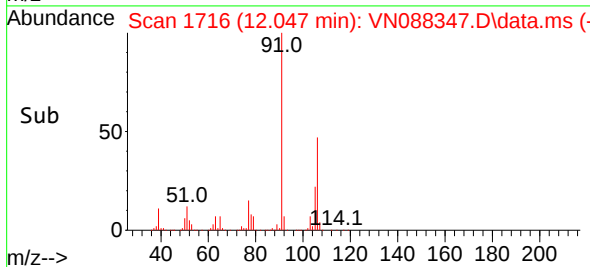
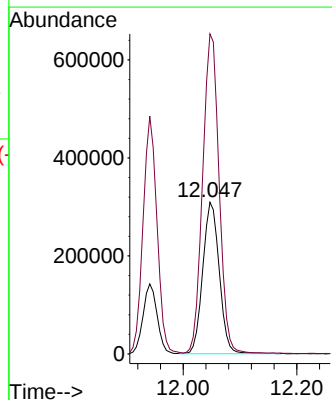
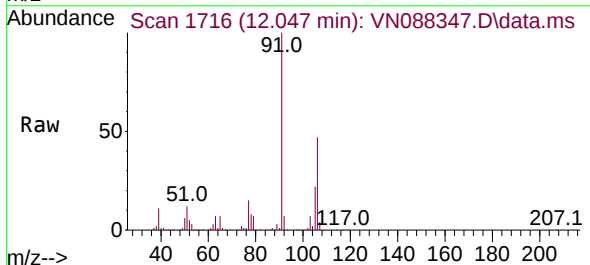
Manual Integrations
APPROVED

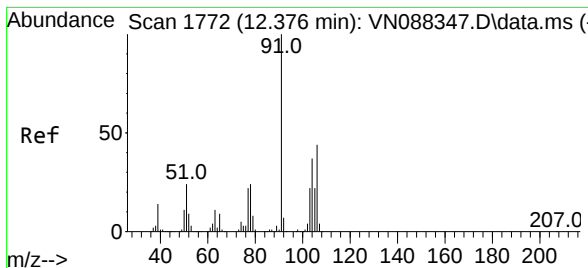
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#68
m/p-Xylenes
Concen: 96.067 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

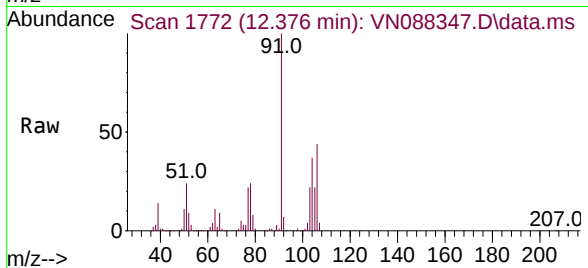
Tgt Ion:106 Resp: 624414
Ion Ratio Lower Upper
106 100
91 209.7 167.8 251.6





#69
o-Xylene
Concen: 48.105 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

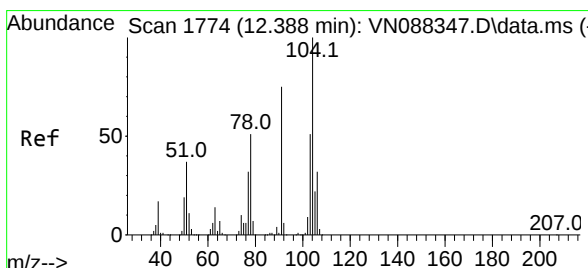
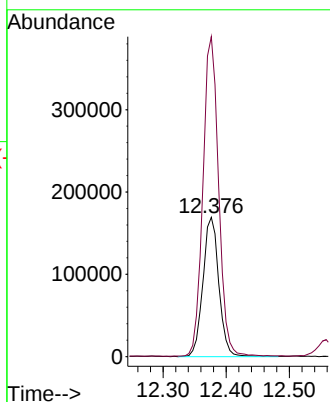
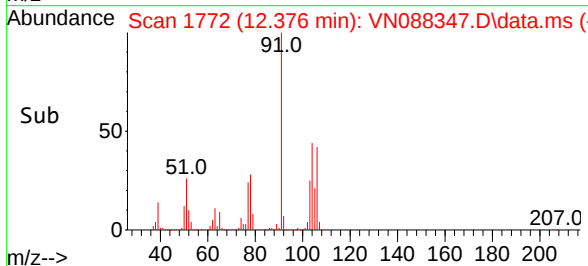
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



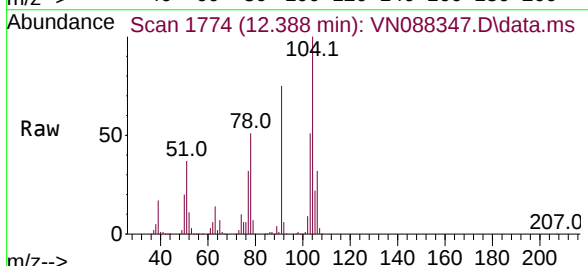
Tgt Ion:106 Resp: 296307
Ion Ratio Lower Upper
106 100
91 225.8 112.9 338.7

Manual Integrations
APPROVED

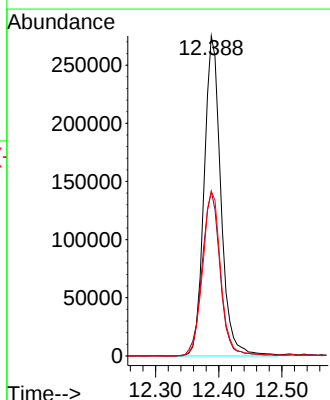
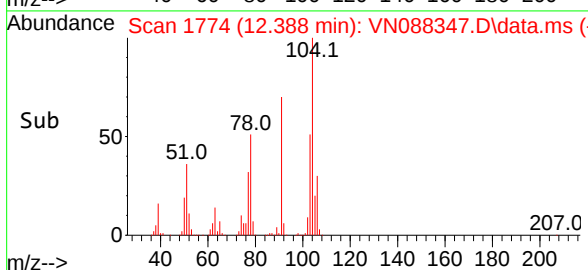
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

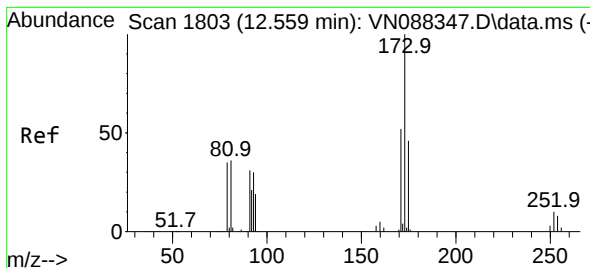


#70
Styrene
Concen: 50.349 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53



Tgt Ion:104 Resp: 508032
Ion Ratio Lower Upper
104 100
78 55.4 44.3 66.5
103 55.3 44.2 66.4





#71

Bromoform

Concen: 49.795 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VN088347.D

Acq: 24 Nov 2025 13:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

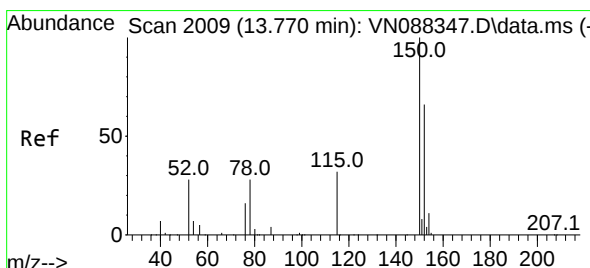
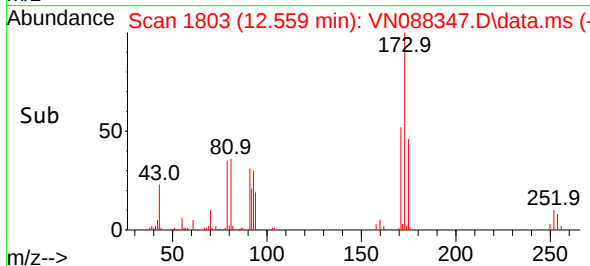
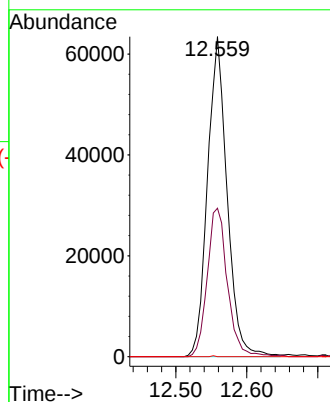
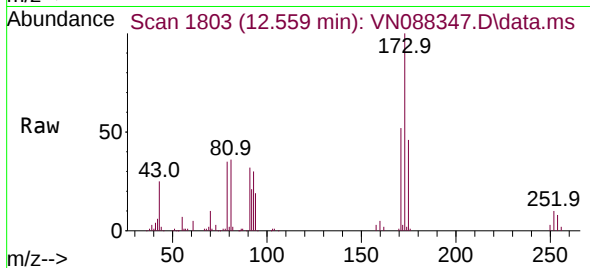
Tgt Ion:	173	Resp:	121394
Ion Ratio	Lower	Upper	
173	100		
175	47.9	23.9	71.8
254	0.1	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

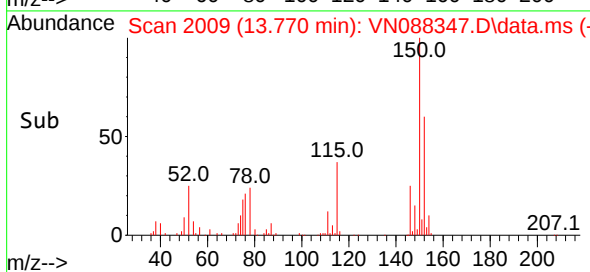
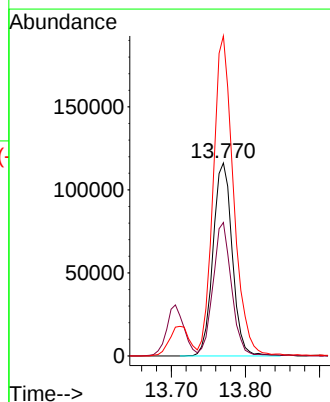
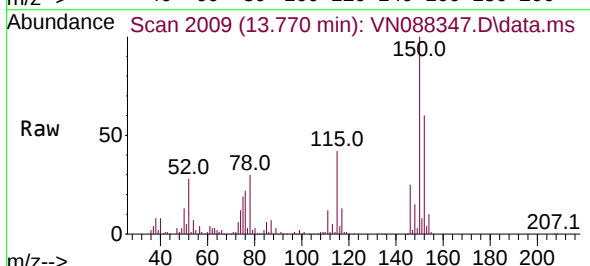
RT: 13.770 min Scan# 2009

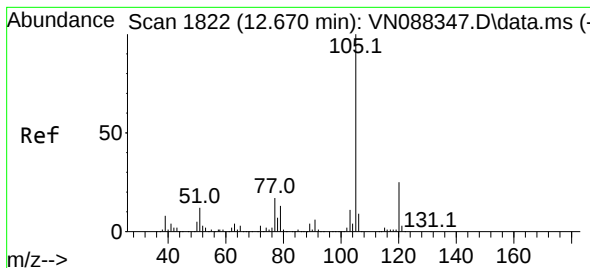
Delta R.T. 0.000 min

Lab File: VN088347.D

Acq: 24 Nov 2025 13:53

Tgt Ion:	152	Resp:	208615
Ion Ratio	Lower	Upper	
152	100		
115	65.9	33.0	98.9
150	174.5	0.0	349.0





#73

Isopropylbenzene

Concen: 46.091 ug/l

RT: 12.670 min Scan# 1822

Delta R.T. 0.000 min

Lab File: VN088347.D

Acq: 24 Nov 2025 13:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 756073

Ion Ratio Lower Upper

105 100

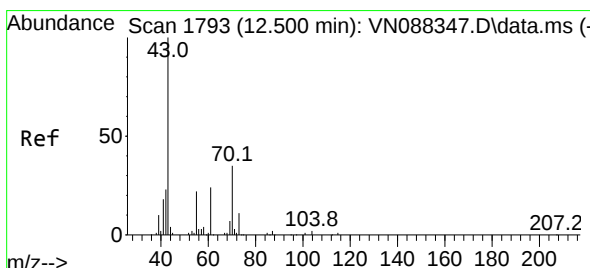
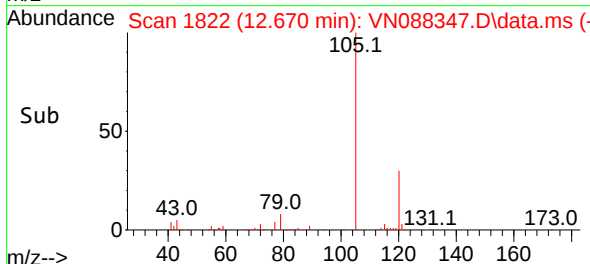
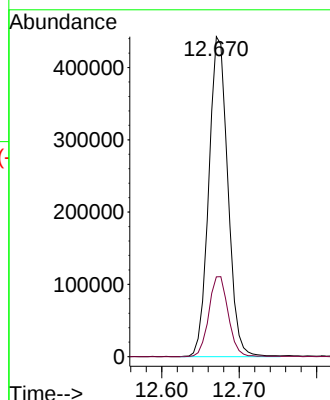
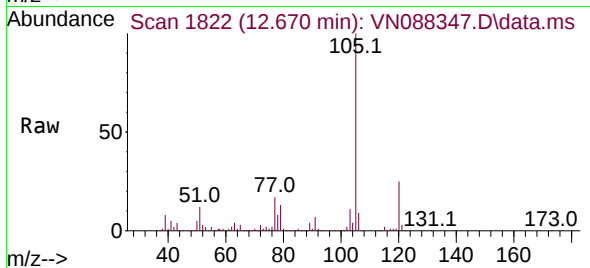
120 25.5 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#74

N-ethyl acetate

Concen: 46.667 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN088347.D

Acq: 24 Nov 2025 13:53

Tgt Ion: 43 Resp: 218031

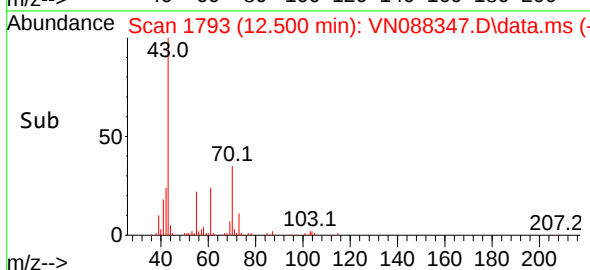
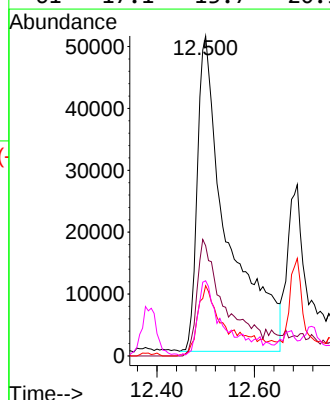
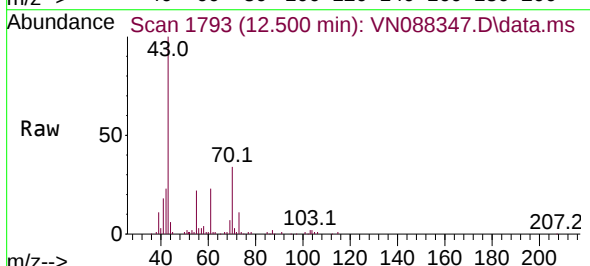
Ion Ratio Lower Upper

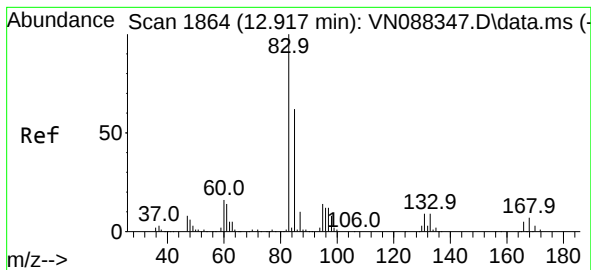
43 100

70 35.4 28.3 42.5

55 22.1 17.7 26.5

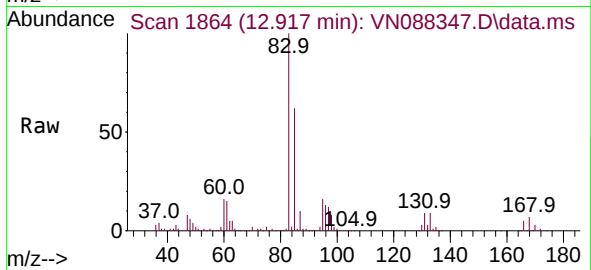
61 17.1 13.7 20.5





#75
1,1,2,2-Tetrachloroethane
Concen: 45.856 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

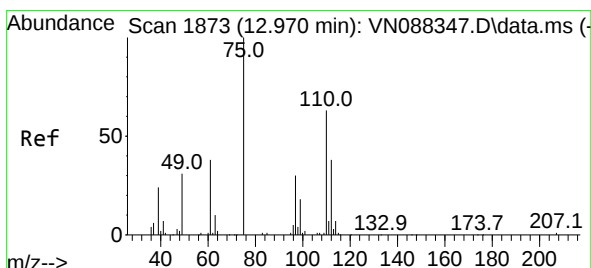
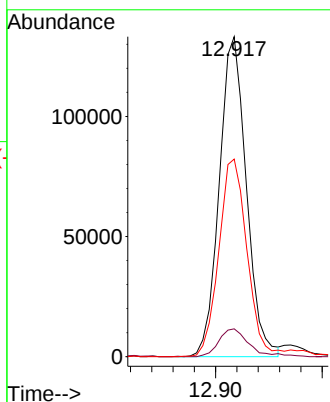
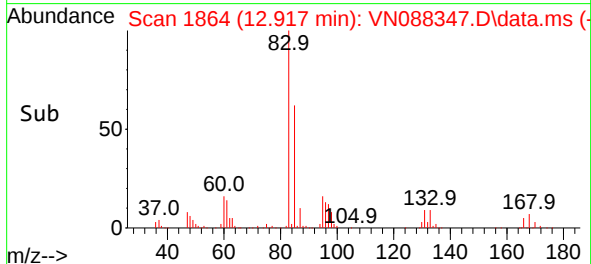
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



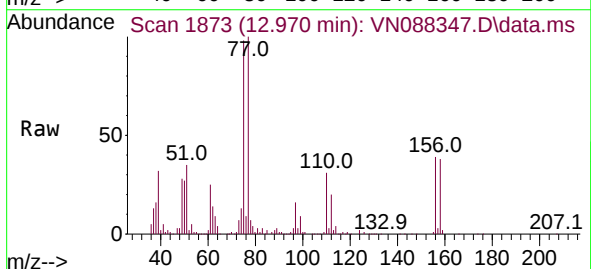
Tgt Ion: 83 Resp: 23514
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 64.3 32.1 96.5

Manual Integrations
APPROVED

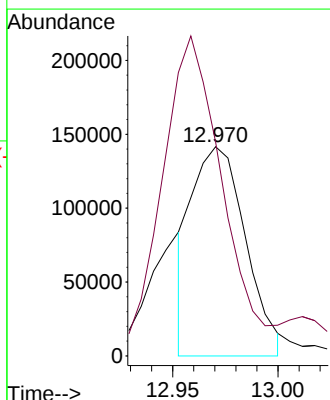
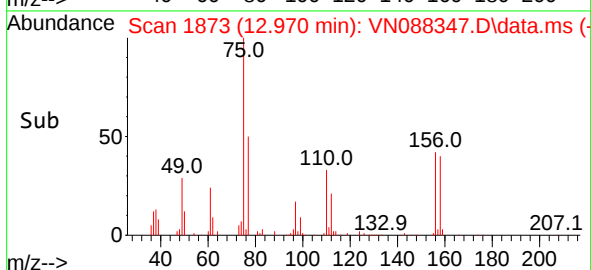
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

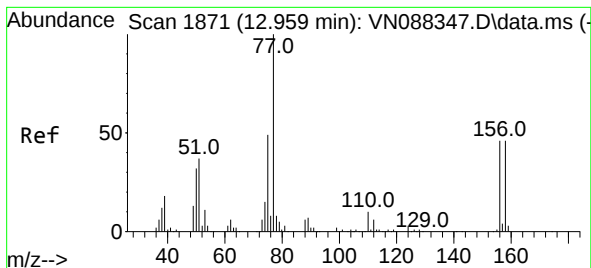


#76
1,2,3-Trichloropropane
Concen: 50.561 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53



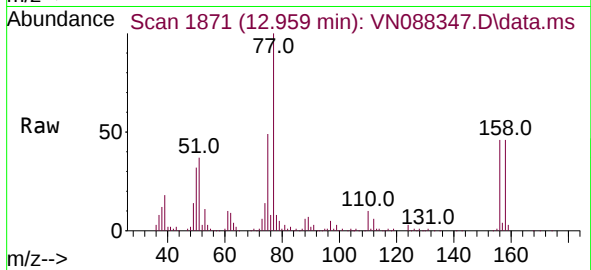
Tgt Ion: 75 Resp: 250728
Ion Ratio Lower Upper
75 100
77 174.4 87.2 261.6





#77
Bromobenzene
Concen: 50.105 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

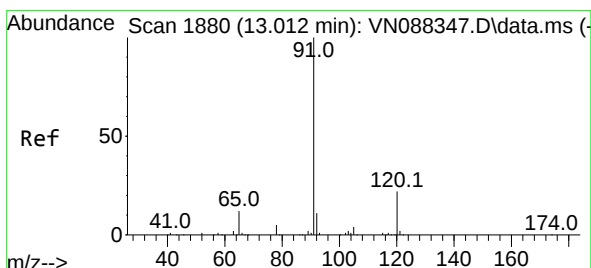
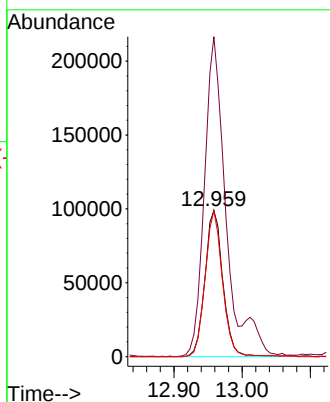
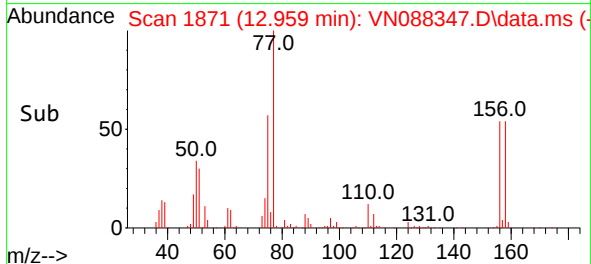
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:156 Resp: 179949
Ion Ratio Lower Upper
156 100
77 243.1 121.6 364.7
158 97.2 48.6 145.8

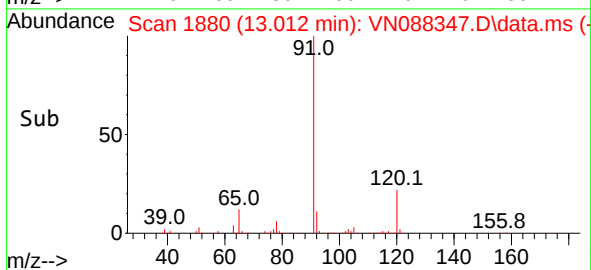
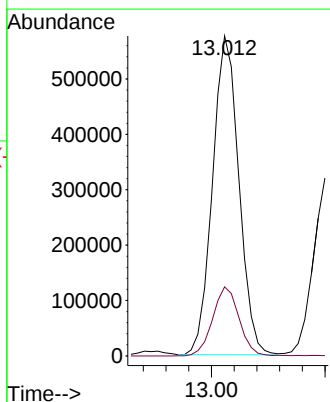
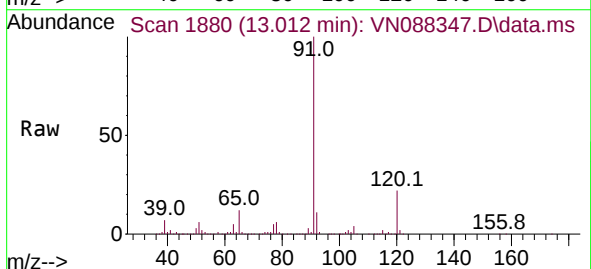
Manual Integrations
APPROVED

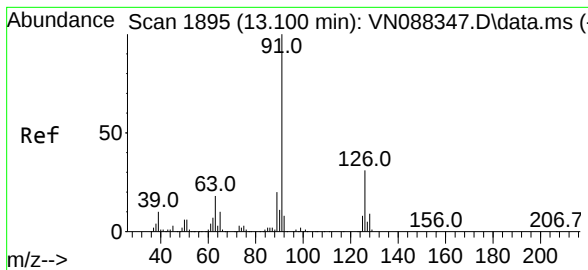
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#78
n-propylbenzene
Concen: 46.319 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

Tgt Ion: 91 Resp: 926041
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.6





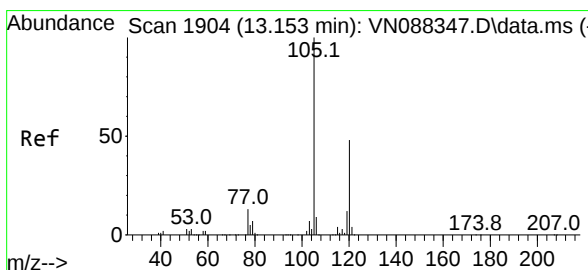
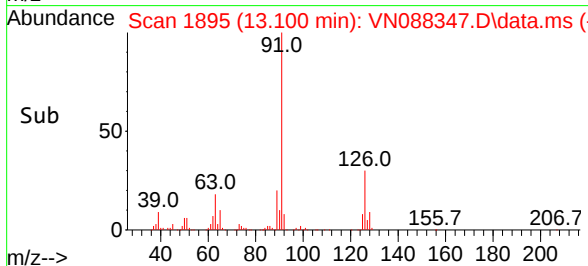
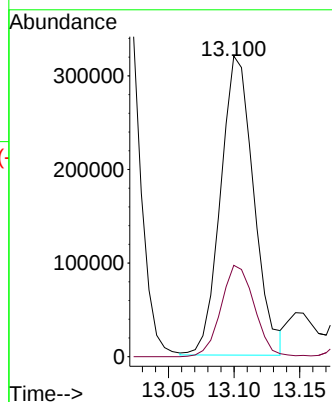
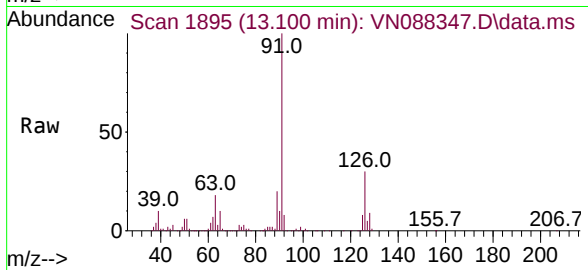
#79
2-Chlorotoluene
Concen: 48.901 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 563004
Ion Ratio Lower Upper
91 100
126 30.6 15.3 45.9

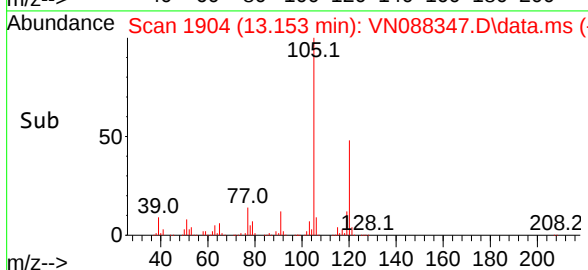
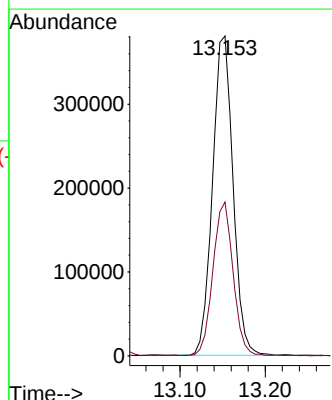
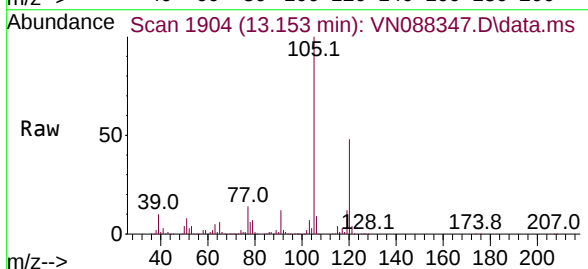
Manual Integrations
APPROVED

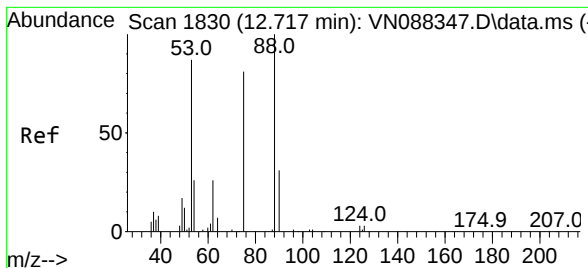
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 46.704 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

Tgt Ion:105 Resp: 636506
Ion Ratio Lower Upper
105 100
120 47.7 23.8 71.5





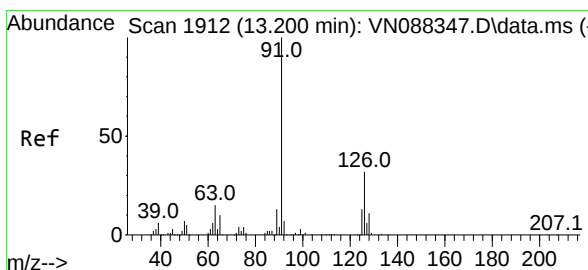
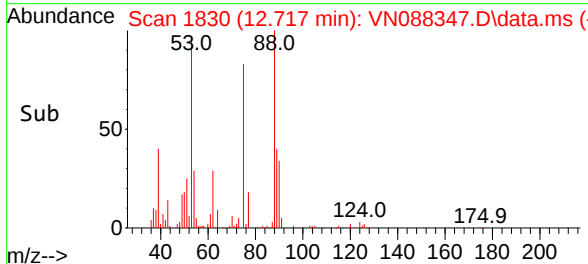
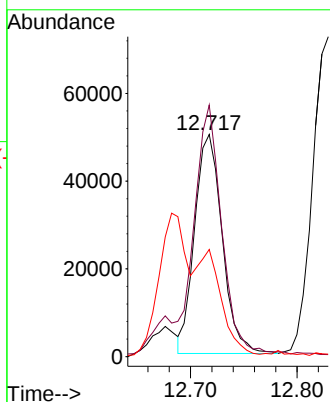
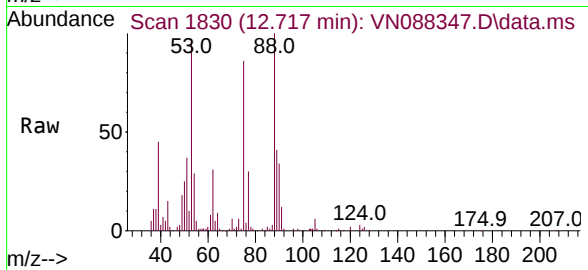
#81
trans-1,4-Dichloro-2-butene
Concen: 49.717 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 89717
Ion Ratio Lower Upper
75 100
53 115.3 92.2 138.4
89 0.0 0.0 0.0

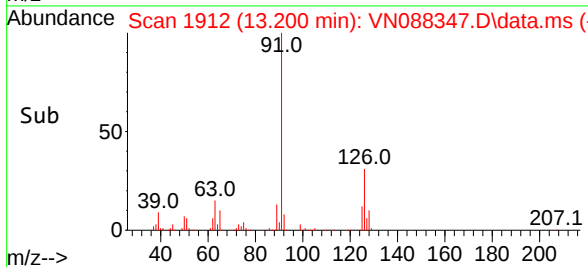
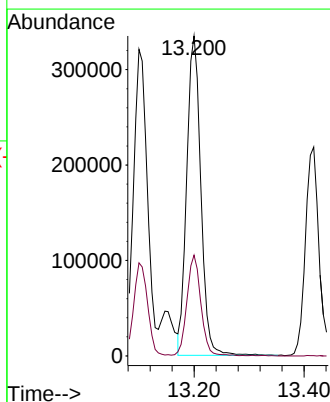
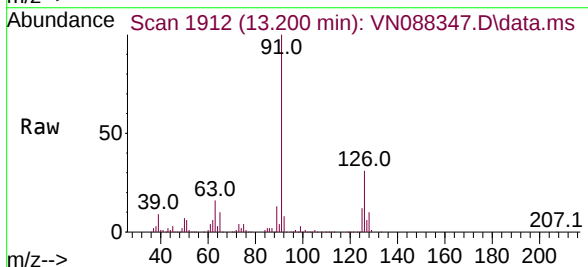
Manual Integrations
APPROVED

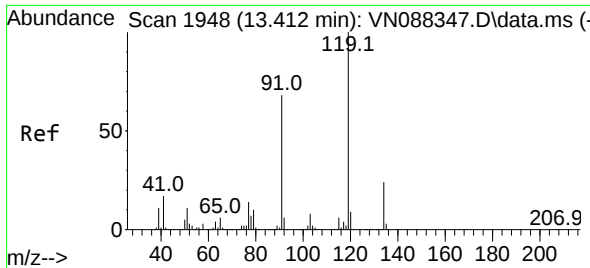
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#82
4-Chlorotoluene
Concen: 47.756 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

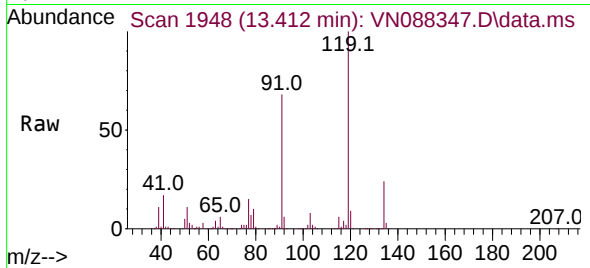
Tgt Ion: 91 Resp: 595484
Ion Ratio Lower Upper
91 100
126 31.1 15.6 46.7





#83
tert-Butylbenzene
Concen: 43.467 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

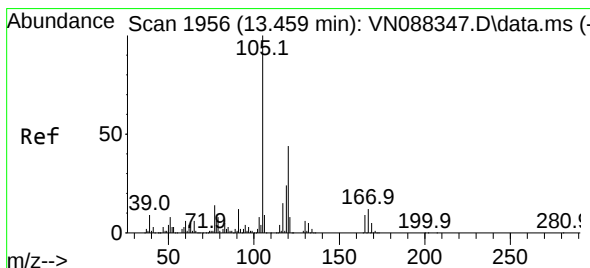
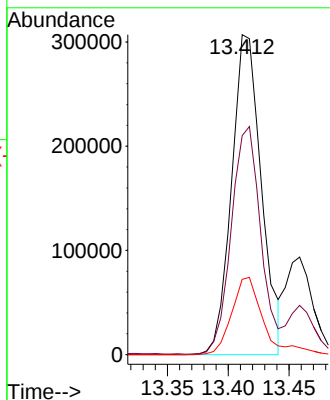
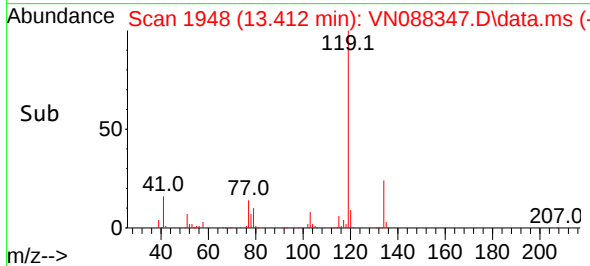
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



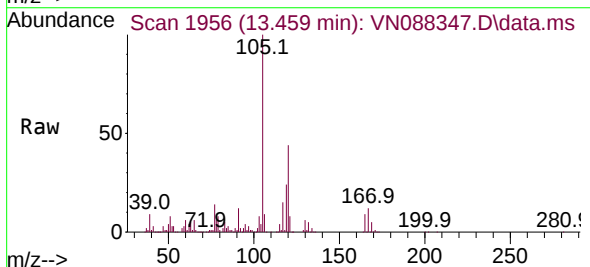
Tgt Ion:119 Resp: 523419
Ion Ratio Lower Upper
119 100
91 70.2 35.1 105.3
134 25.6 12.8 38.4

Manual Integrations
APPROVED

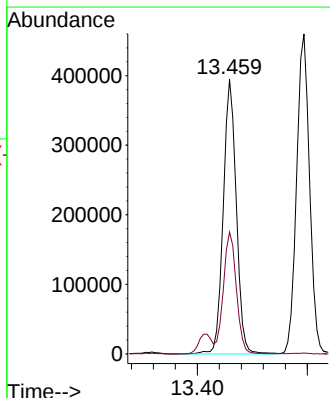
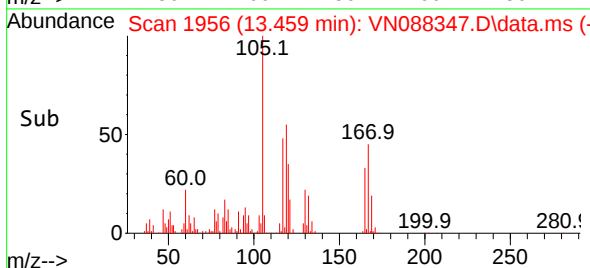
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

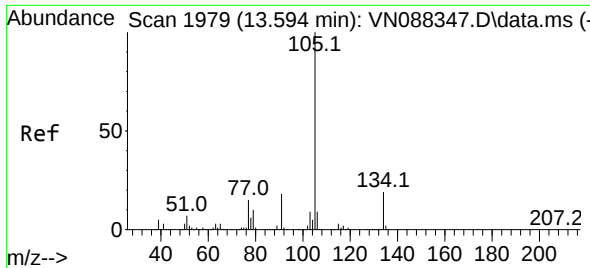


#84
1,2,4-Trimethylbenzene
Concen: 47.534 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53



Tgt Ion:105 Resp: 649135
Ion Ratio Lower Upper
105 100
120 44.1 22.1 66.1





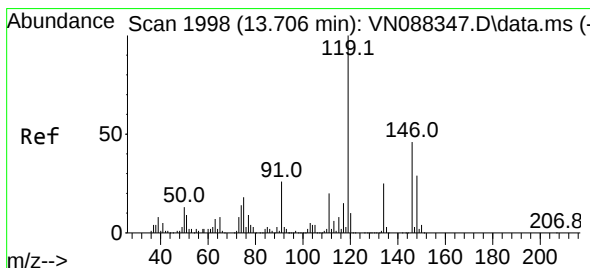
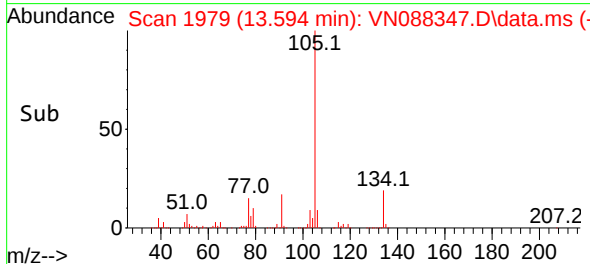
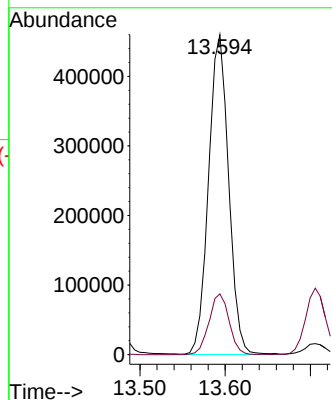
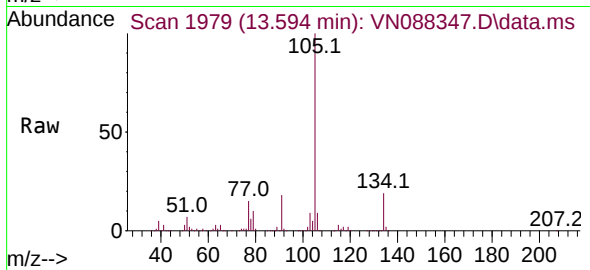
#85
 sec-Butylbenzene
 Concen: 42.729 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088347.D
 Acq: 24 Nov 2025 13:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 752927
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.5 28.5

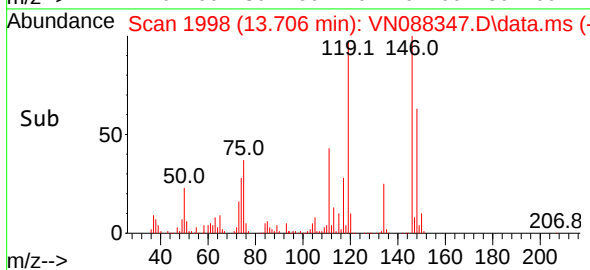
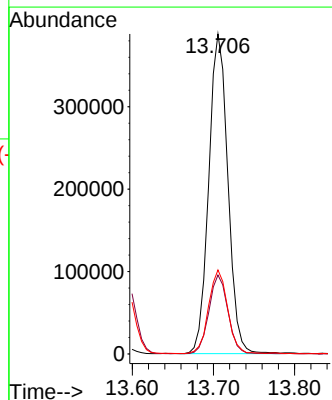
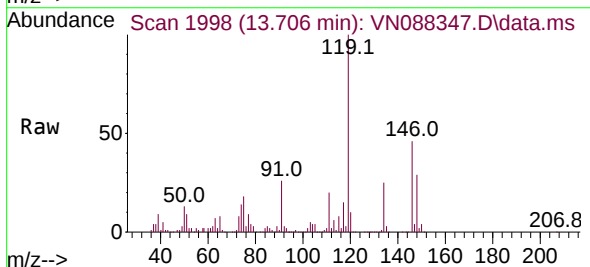
Manual Integrations
 APPROVED

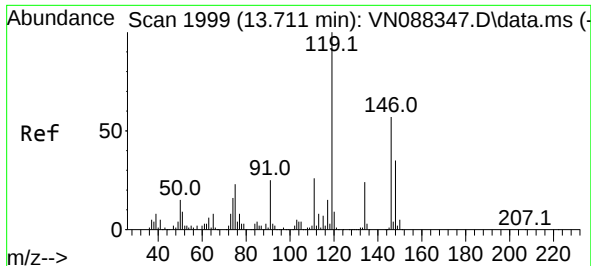
Reviewed By :John Carlone 11/25/2025
 Supervised By :Mahesh Dadoda 11/26/2025



#86
 p-Isopropyltoluene
 Concen: 44.782 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088347.D
 Acq: 24 Nov 2025 13:53

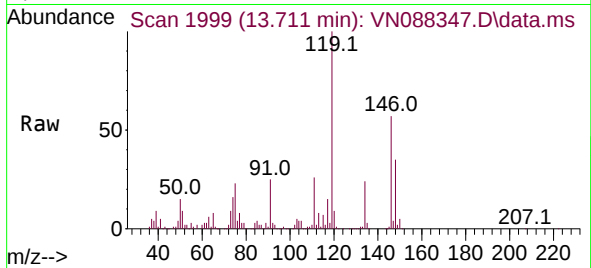
Tgt Ion:119 Resp: 635661
 Ion Ratio Lower Upper
 119 100
 134 24.4 12.2 36.6
 91 26.0 13.0 39.0





#87
1,3-Dichlorobenzene
Concen: 47.290 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

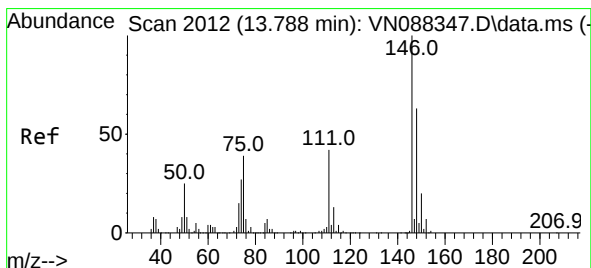
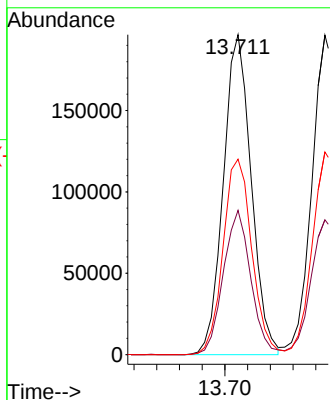
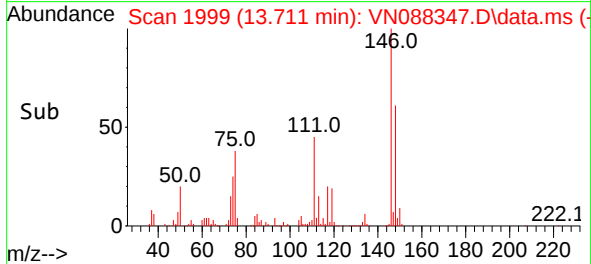
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



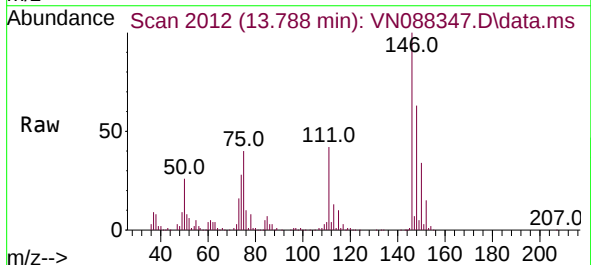
Tgt Ion:146 Resp: 334974
Ion Ratio Lower Upper
146 100
111 44.7 22.4 67.0
148 63.2 31.6 94.8

Manual Integrations
APPROVED

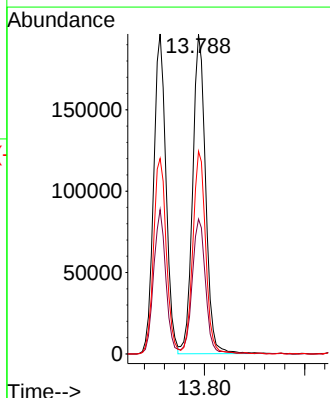
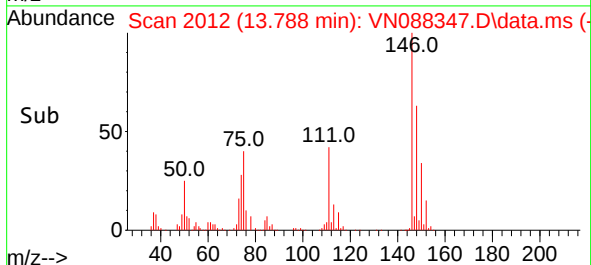
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

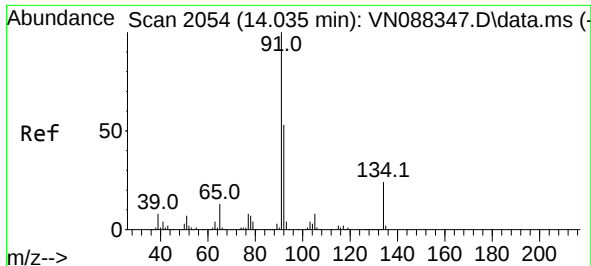


#88
1,4-Dichlorobenzene
Concen: 45.940 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53



Tgt Ion:146 Resp: 350784
Ion Ratio Lower Upper
146 100
111 43.1 21.6 64.6
148 62.0 31.0 93.0





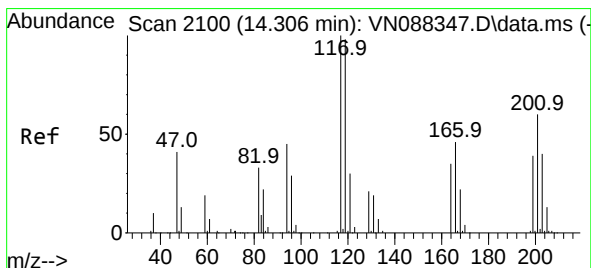
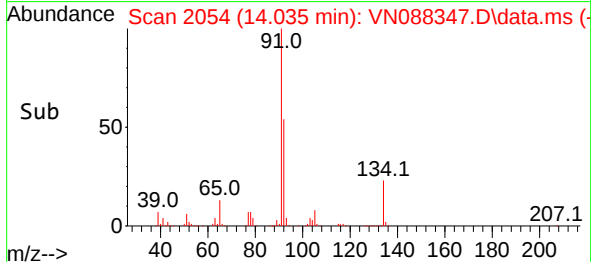
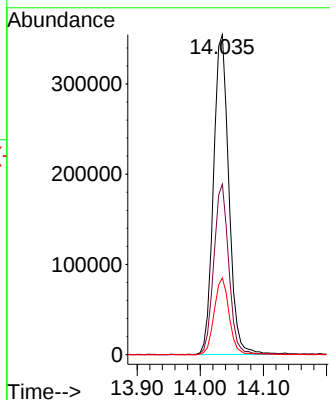
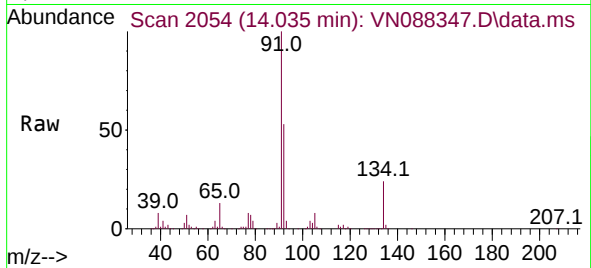
#89
n-Butylbenzene
Concen: 42.911 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 599399
Ion Ratio Lower Upper
91 100
92 52.2 26.1 78.3
134 23.4 11.7 35.1

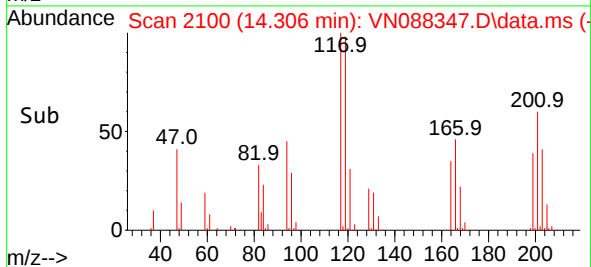
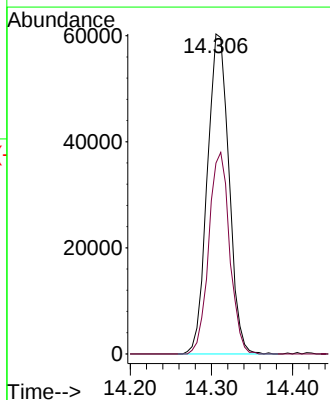
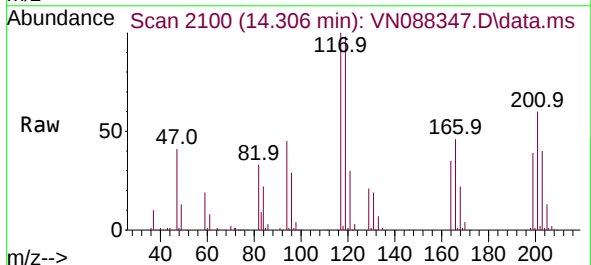
Manual Integrations
APPROVED

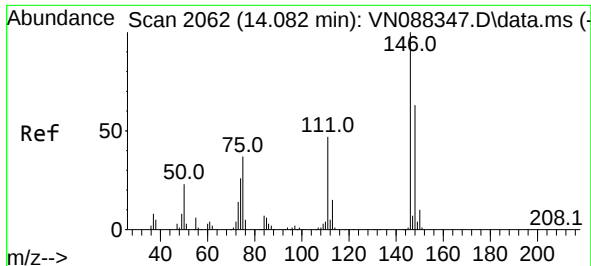
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#90
Hexachloroethane
Concen: 40.952 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

Tgt Ion:117 Resp: 111560
Ion Ratio Lower Upper
117 100
201 60.6 30.3 90.9





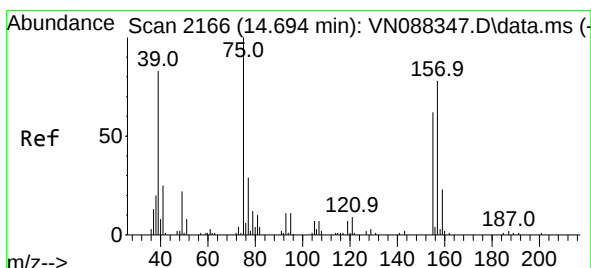
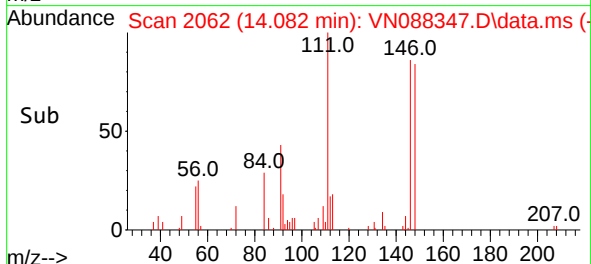
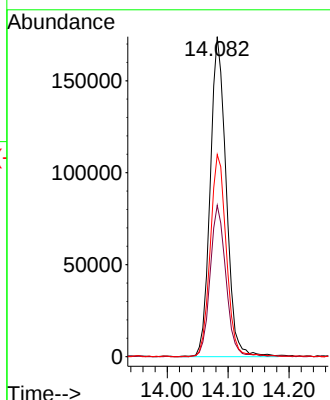
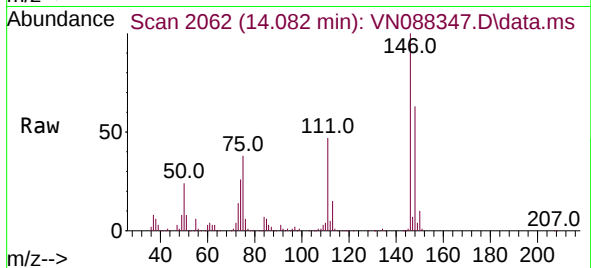
#91
1,2-Dichlorobenzene
Concen: 46.414 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 317314
Ion Ratio Lower Upper
146 100
111 46.6 23.3 69.9
148 63.6 31.8 95.4

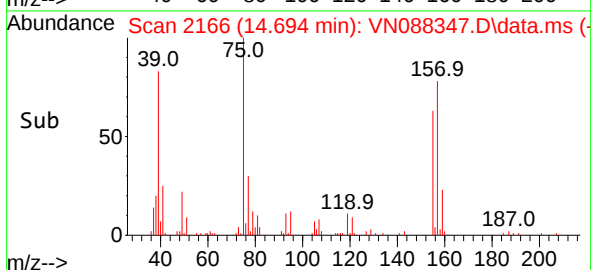
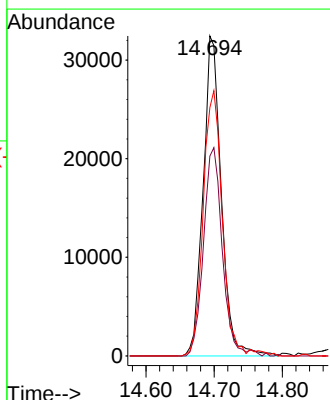
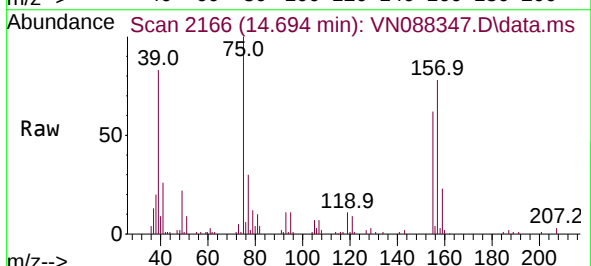
Manual Integrations
APPROVED

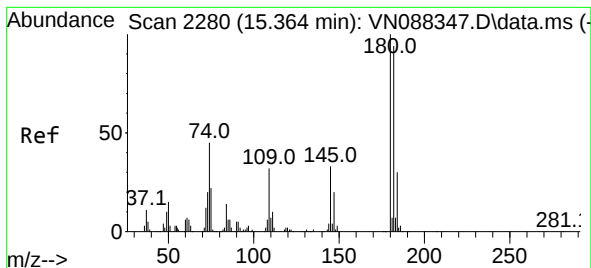
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.387 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VN088347.D
Acq: 24 Nov 2025 13:53

Tgt Ion: 75 Resp: 60137
Ion Ratio Lower Upper
75 100
155 67.4 33.7 101.1
157 87.5 43.8 131.3





#93

1,2,4-Trichlorobenzene

Concen: 45.066 ug/l

RT: 15.364 min Scan# 2280

Delta R.T. 0.000 min

Lab File: VN088347.D

Acq: 24 Nov 2025 13:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 185506

Ion Ratio Lower Upper

180 100

182 92.1 46.1 138.2

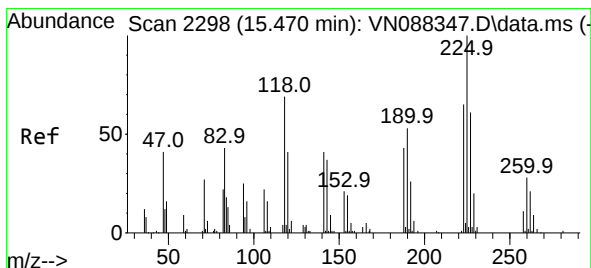
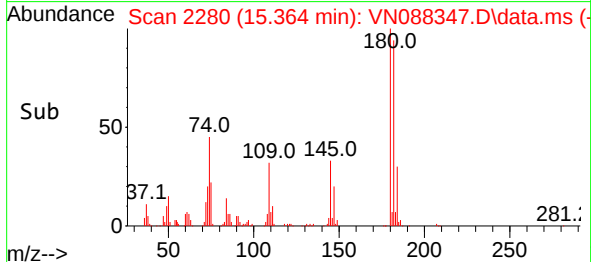
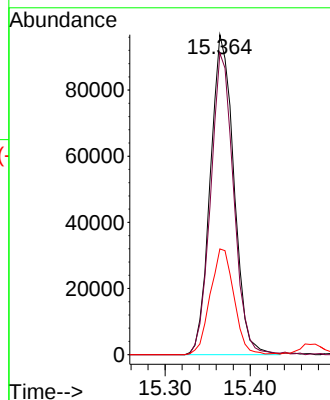
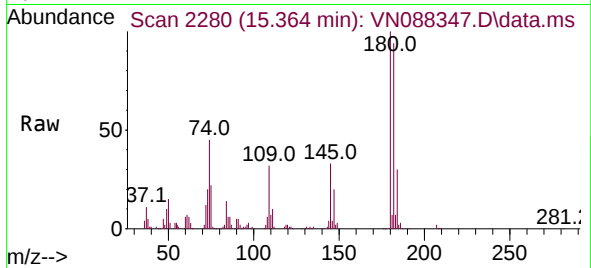
145 33.4 16.7 50.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#94

Hexachlorobutadiene

Concen: 41.064 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VN088347.D

Acq: 24 Nov 2025 13:53

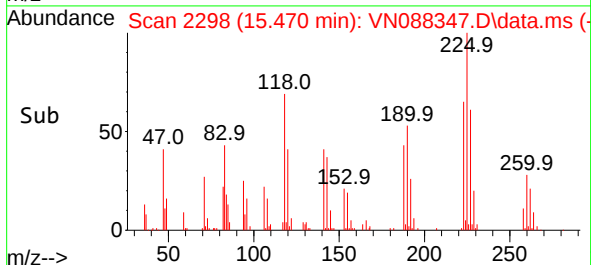
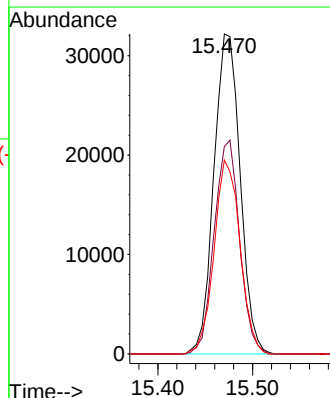
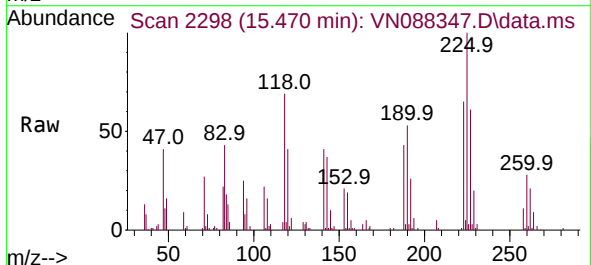
Tgt Ion:225 Resp: 61955

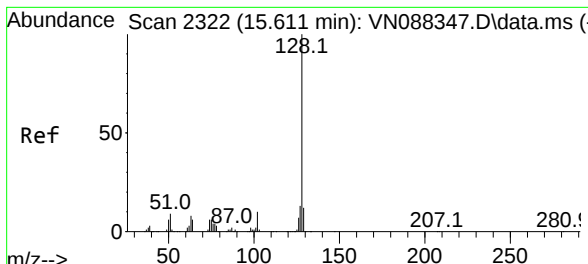
Ion Ratio Lower Upper

225 100

223 64.5 32.3 96.8

227 59.9 29.9 89.8





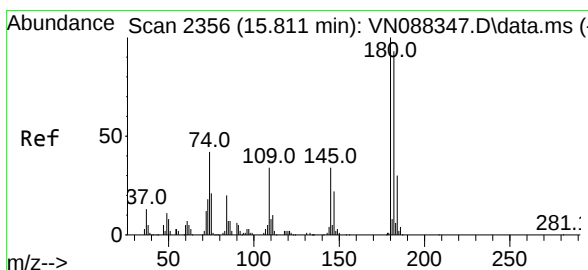
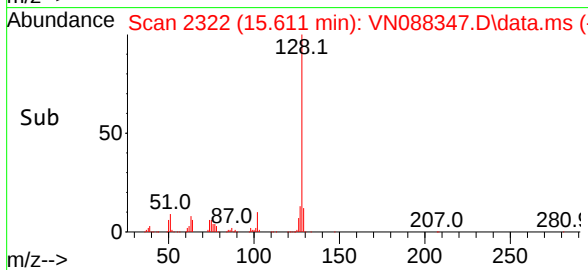
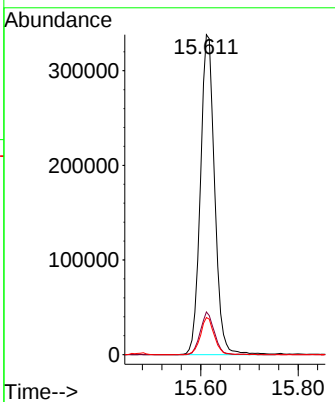
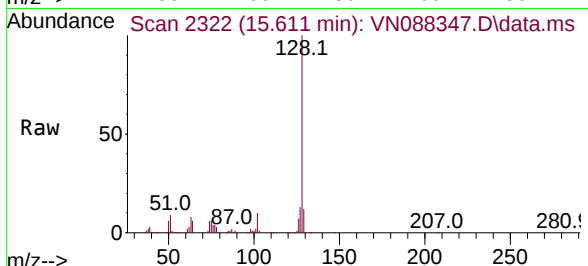
#95
 Naphthalene
 Concen: 48.217 ug/l
 RT: 15.611 min Scan# 2322
 Delta R.T. 0.000 min
 Lab File: VN088347.D
 Acq: 24 Nov 2025 13:53

Instrument : MSVOA_N
 ClientSampleId : VSTDICCC050

Tgt Ion:	128	Resp:	68667
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.3	9.0	13.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/25/2025
 Supervised By :Mahesh Dadoda 11/26/2025



#96
 1,2,3-Trichlorobenzene
 Concen: 45.925 ug/l
 RT: 15.811 min Scan# 2356
 Delta R.T. 0.000 min
 Lab File: VN088347.D
 Acq: 24 Nov 2025 13:53

Tgt Ion:	180	Resp:	182475
Ion Ratio	Lower	Upper	
180	100		
182	91.8	45.9	137.7
145	35.6	17.8	53.4

