

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070725\
 Data File : VN087282.D
 Acq On : 07 Jul 2025 09:48
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/08/2025
 Supervised By : Mahesh Dadoda 07/08/2025

Quant Time: Jul 08 01:26:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:15:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	253960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	391455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	371947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	217810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	141986	44.547	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.100%		
35) Dibromofluoromethane	8.177	113	124726	49.761	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.520%		
50) Toluene-d8	10.565	98	473749	48.491	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.980%		
62) 4-Bromofluorobenzene	12.847	95	168668	48.521	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.154	85	120016	48.561	ug/l	97
3) Chloromethane	2.395	50	89133	44.414	ug/l	93
4) Vinyl Chloride	2.554	62	115792	46.931	ug/l	97
5) Bromomethane	2.983	94	102927	45.715	ug/l	99
6) Chloroethane	3.148	64	86405	44.212	ug/l	96
7) Trichlorofluoromethane	3.530	101	204251	47.707	ug/l	99
8) Diethyl Ether	3.989	74	64685	47.343	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.401	101	118254	47.574	ug/l	99
10) Methyl Iodide	4.612	142	144037	58.398	ug/l	99
11) Tert butyl alcohol	5.530	59	123273	212.213	ug/l	99
12) 1,1-Dichloroethene	4.371	96	109348	46.306	ug/l	93
13) Acrolein	4.201	56	130294	323.846	ug/l	97
14) Allyl chloride	5.042	41	123989	42.842	ug/l	95
15) Acrylonitrile	5.736	53	298388	206.331	ug/l	100
16) Acetone	4.442	43	339816	278.864	ug/l	97
17) Carbon Disulfide	4.742	76	297996	42.060	ug/l	100
18) Methyl Acetate	5.048	43	123771	44.368	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	364538	44.047	ug/l	95
20) Methylene Chloride	5.300	84	116286	43.078	ug/l	99
21) trans-1,2-Dichloroethene	5.806	96	122830	43.046	ug/l	96
22) Diisopropyl ether	6.689	45	286230	41.308	ug/l	95
23) Vinyl Acetate	6.618	43	1357384	211.816	ug/l	98
24) 1,1-Dichloroethane	6.589	63	196095	43.193	ug/l	98
25) 2-Butanone	7.489	43	419009	220.030	ug/l	94
26) 2,2-Dichloropropane	7.500	77	200200	46.083	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	150800	45.762	ug/l	97
28) Bromochloromethane	7.824	49	84507	42.171	ug/l	91
29) Tetrahydrofuran	7.847	42	258060	210.294	ug/l	98
30) Chloroform	7.977	83	224459	44.606	ug/l	96
31) Cyclohexane	8.265	56	171146	39.427	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	210339	44.883	ug/l	98
36) 1,1-Dichloropropene	8.377	75	156875	46.024	ug/l	96
37) Ethyl Acetate	7.565	43	159239	43.458	ug/l	99
38) Carbon Tetrachloride	8.365	117	191948	49.697	ug/l	97
39) Methylcyclohexane	9.600	83	188918	46.540	ug/l	98
40) Benzene	8.612	78	477085	45.178	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	75583	43.142	ug/l	96
42) 1,2-Dichloroethane	8.677	62	165960	47.257	ug/l	99
43) Isopropyl Acetate	8.694	43	252759	44.481	ug/l	99
44) Trichloroethene	9.353	130	137691	49.070	ug/l	97
45) 1,2-Dichloropropane	9.624	63	108224	47.004	ug/l	92
46) Dibromomethane	9.712	93	92733	47.344	ug/l	96
47) Bromodichloromethane	9.888	83	179033	47.925	ug/l	99
48) Methyl methacrylate	9.683	41	109389	45.675	ug/l	99
49) 1,4-Dioxane	9.700	88	44952	902.826	ug/l #	98
51) 4-Methyl-2-Pentanone	10.447	43	814566	234.287	ug/l	99
52) Toluene	10.630	92	334997	48.371	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	191431	47.777	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	195339	47.850	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	124162	47.459	ug/l	96
56) Ethyl methacrylate	10.877	69	170876	44.581	ug/l	98
57) 1,3-Dichloropropane	11.165	76	198733	46.542	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	452295	223.271	ug/l	97
59) 2-Hexanone	11.200	43	553462	222.236	ug/l	99
60) Dibromochloromethane	11.359	129	157867	51.189	ug/l	99
61) 1,2-Dibromoethane	11.471	107	137085	48.712	ug/l	99
64) Tetrachloroethene	11.106	164	122707	49.479	ug/l	97
65) Chlorobenzene	11.888	112	398671	47.768	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	143237	49.704	ug/l	99
67) Ethyl Benzene	11.959	91	645331	47.785	ug/l	99
68) m/p-Xylenes	12.071	106	538895	99.875	ug/l	97
69) o-Xylene	12.394	106	251926	49.913	ug/l	96
70) Styrene	12.406	104	437928	51.053	ug/l	99
71) Bromoform	12.576	173	118793	53.431	ug/l #	99
73) Isopropylbenzene	12.694	105	647819	46.160	ug/l	100
74) N-amyl acetate	12.512	43	190961m	41.377	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	190764	41.324	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	186943m	45.124	ug/l	
77) Bromobenzene	12.976	156	176649	48.218	ug/l	93
78) n-propylbenzene	13.035	91	768377	45.325	ug/l	99
79) 2-Chlorotoluene	13.123	91	445398	44.146	ug/l	96
80) 1,3,5-Trimethylbenzene	13.171	105	554356	47.256	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	80817	45.821	ug/l	100
82) 4-Chlorotoluene	13.218	91	467338	44.250	ug/l	97
83) tert-Butylbenzene	13.435	119	487092	47.393	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	571386	48.624	ug/l	98
85) sec-Butylbenzene	13.612	105	692340	47.524	ug/l	99
86) p-Isopropyltoluene	13.723	119	612719	48.930	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	349820	47.947	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	350705	46.037	ug/l	98
89) n-Butylbenzene	14.053	91	509856	46.244	ug/l	98
90) Hexachloroethane	14.329	117	107702	46.466	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	327754	48.034	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	44652	40.250	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	185946	46.084	ug/l	99
94) Hexachlorobutadiene	15.500	225	59234	46.213	ug/l	98
95) Naphthalene	15.635	128	623569	44.669	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	181940	46.283	ug/l	99

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VSTDCCC050

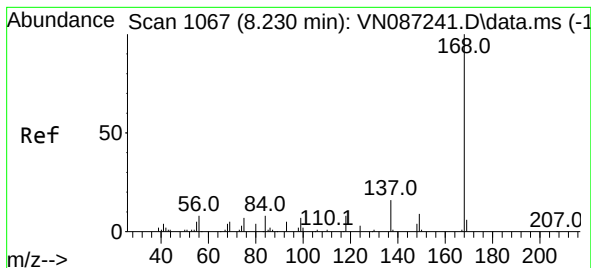
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/08/2025

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Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:15:00 2025
Response via : Initial Calibration

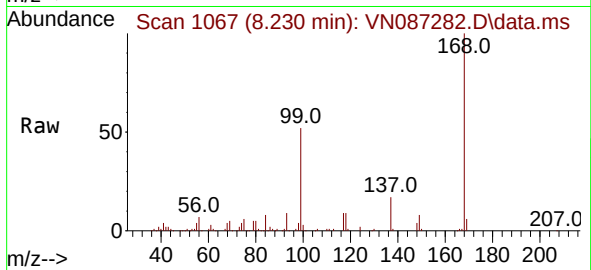
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087282.D
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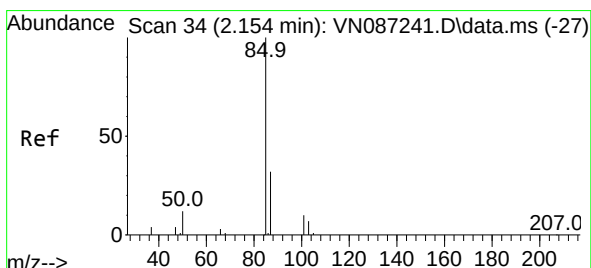
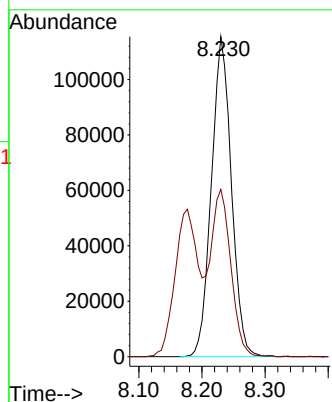
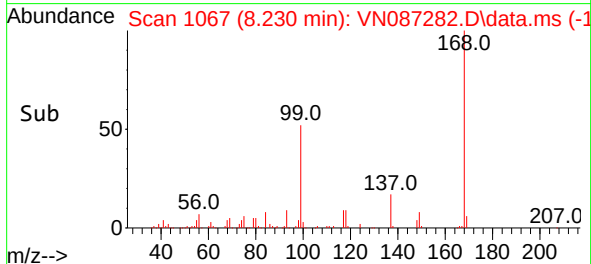
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 253960
Ion Ratio Lower Upper
168 100
99 52.3 42.6 64.0

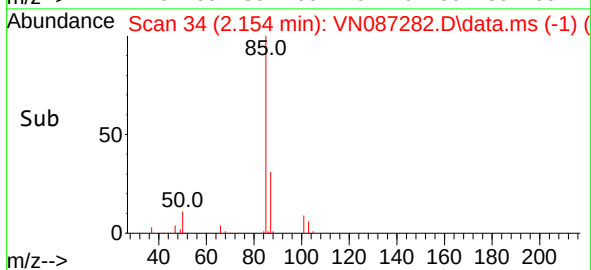
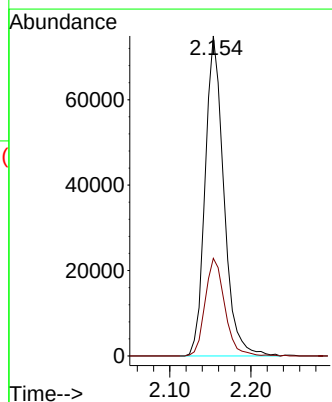
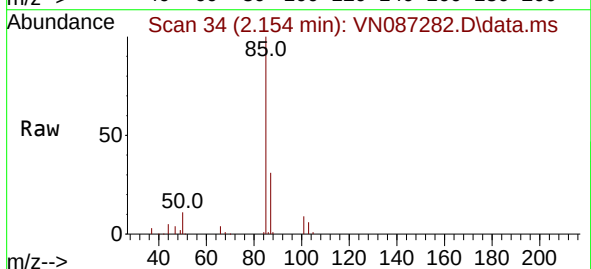
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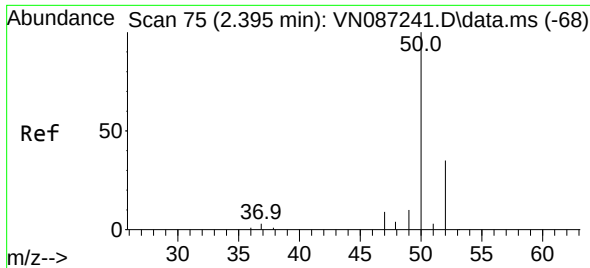
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#2
Dichlorodifluoromethane
Concen: 48.561 ug/l
RT: 2.154 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

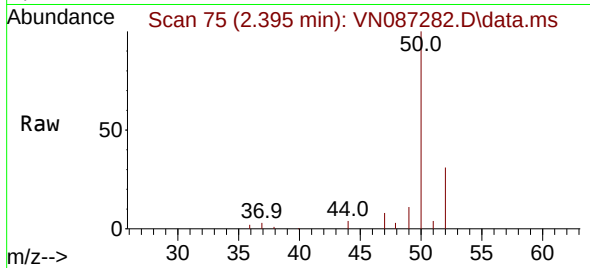
Tgt Ion: 85 Resp: 120016
Ion Ratio Lower Upper
85 100
87 30.5 16.1 48.3





#3
Chloromethane
Concen: 44.414 ug/l
RT: 2.395 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

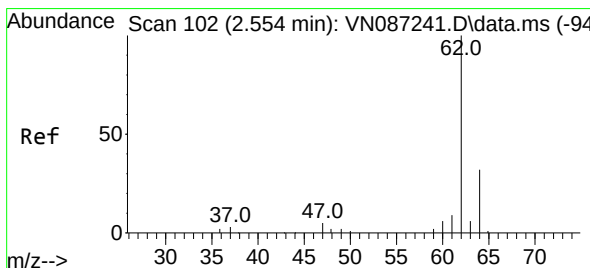
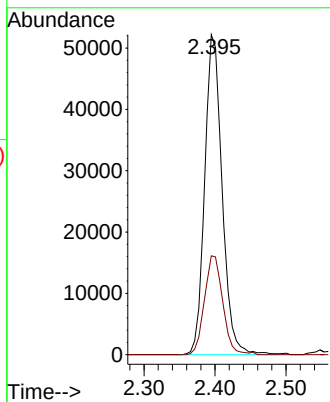
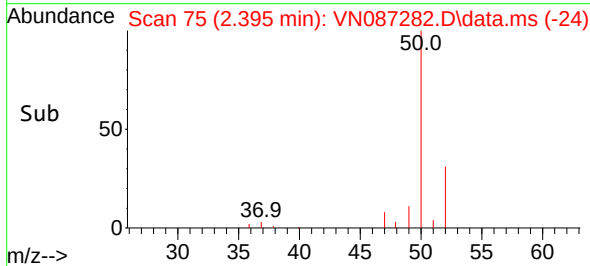
Instrument :
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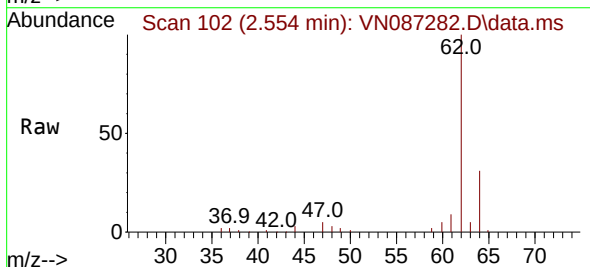
Tgt Ion: 50 Resp: 8913
Ion Ratio Lower Upper
50 100
52 30.9 27.8 41.8

Manual Integrations
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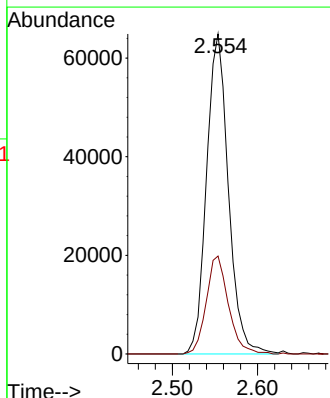
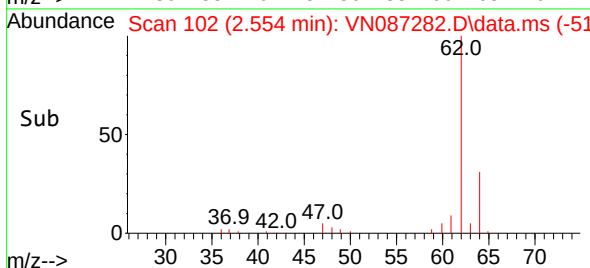
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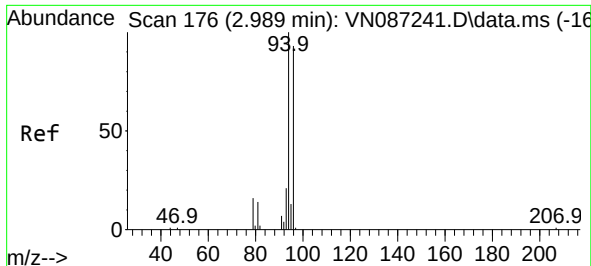


#4
Vinyl Chloride
Concen: 46.931 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48



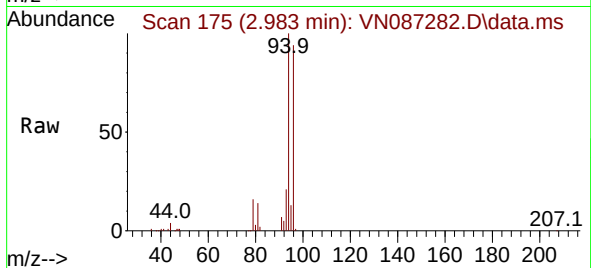
Tgt Ion: 62 Resp: 115792
Ion Ratio Lower Upper
62 100
64 30.6 26.0 39.0





#5
Bromomethane
Concen: 45.715 ug/l
RT: 2.983 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

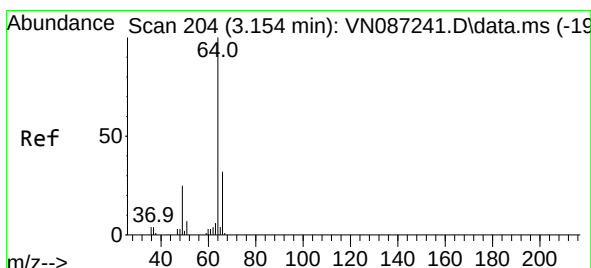
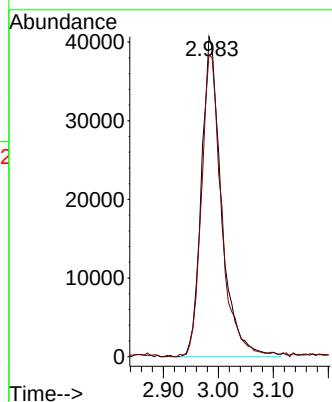
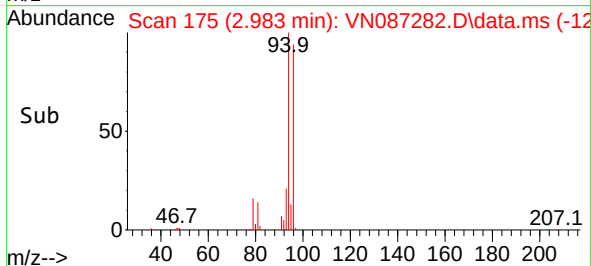
Instrument :
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Tgt Ion: 94 Resp: 10292
Ion Ratio Lower Upper
94 100
96 93.7 74.3 111.5

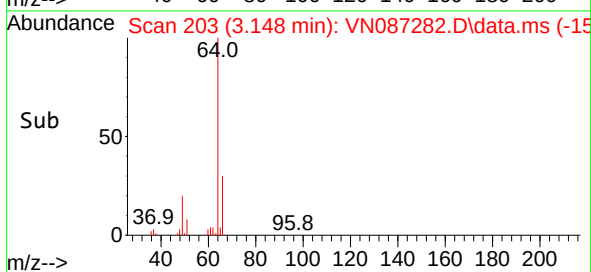
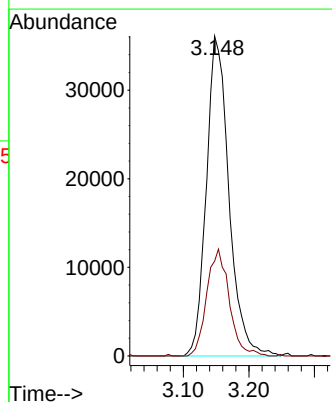
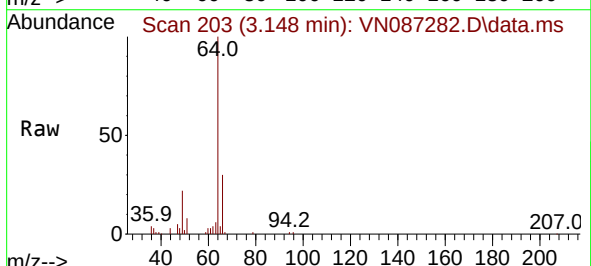
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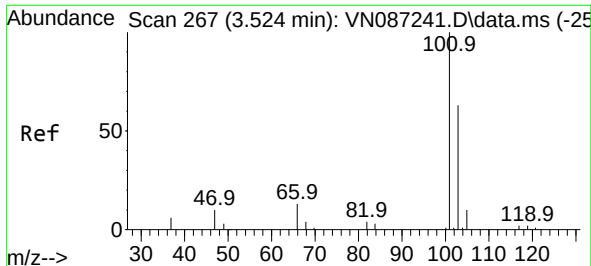
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#6
Chloroethane
Concen: 44.212 ug/l
RT: 3.148 min Scan# 203
Delta R.T. -0.006 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

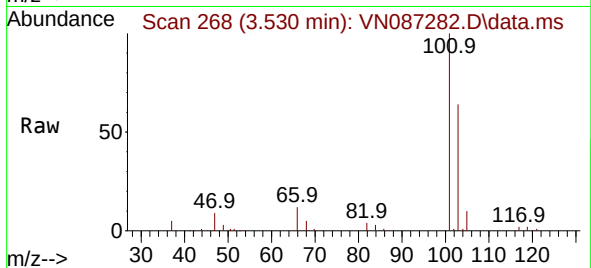
Tgt Ion: 64 Resp: 86405
Ion Ratio Lower Upper
64 100
66 29.6 25.3 37.9





#7
 Trichlorofluoromethane
 Concen: 47.707 ug/l
 RT: 3.530 min Scan# 20425
 Delta R.T. 0.006 min
 Lab File: VN087282.D
 Acq: 07 Jul 2025 09:48

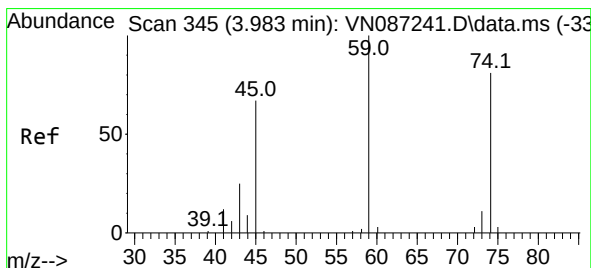
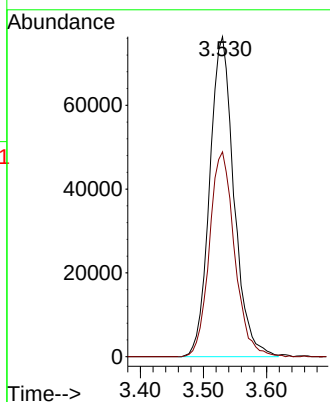
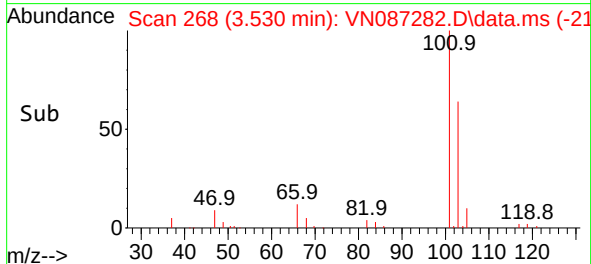
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 20425
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.5 75.7

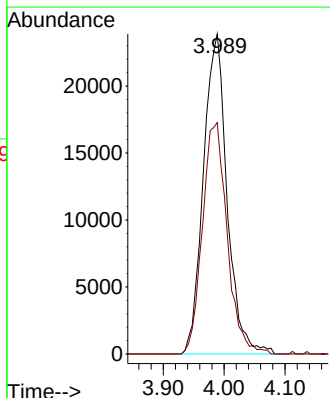
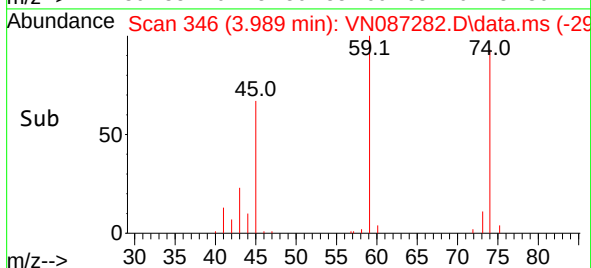
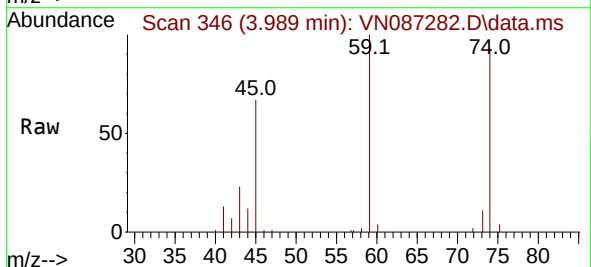
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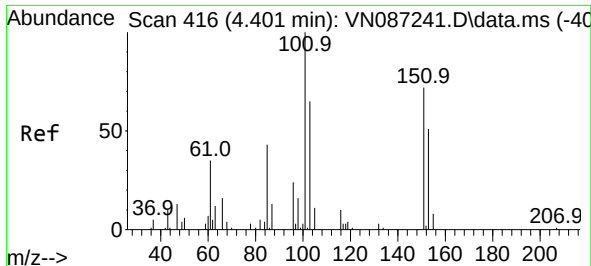
Reviewed By :John Carlone 07/08/2025
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#8
 Diethyl Ether
 Concen: 47.343 ug/l
 RT: 3.989 min Scan# 346
 Delta R.T. 0.006 min
 Lab File: VN087282.D
 Acq: 07 Jul 2025 09:48

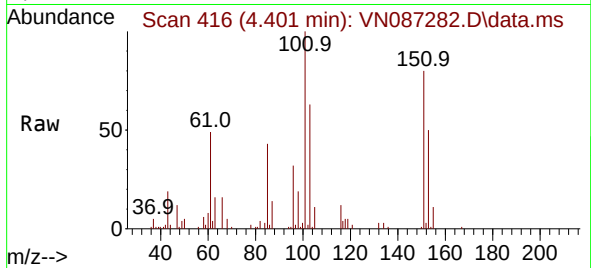
Tgt Ion: 74 Resp: 64685
 Ion Ratio Lower Upper
 74 100
 45 75.3 39.4 118.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.574 ug/l
RT: 4.401 min Scan# 416
Delta R.T. 0.000 min
Lab File: VN087282.D
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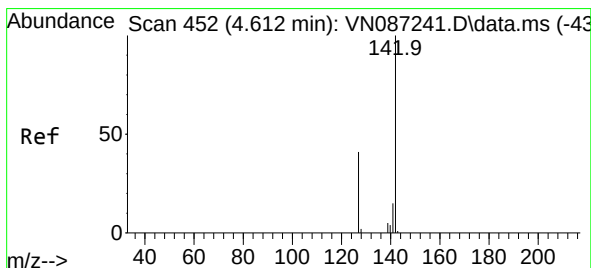
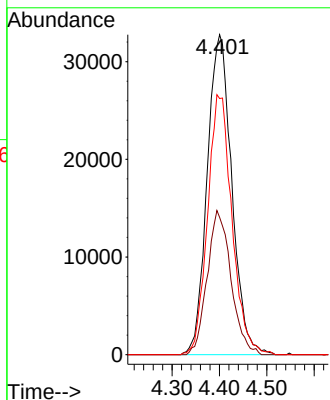
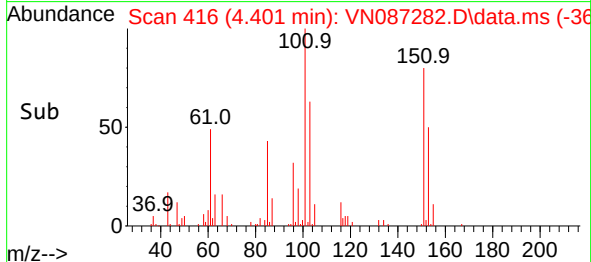
Instrument :
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Tgt Ion:101 Resp: 118254
Ion Ratio Lower Upper
101 100
85 43.5 34.4 51.6
151 80.6 63.8 95.8

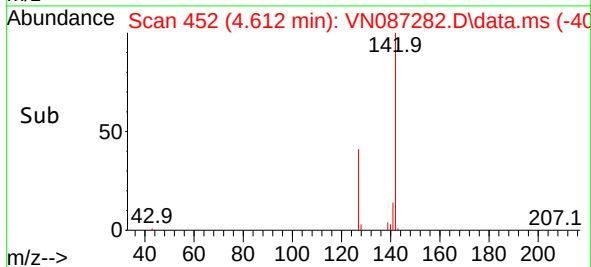
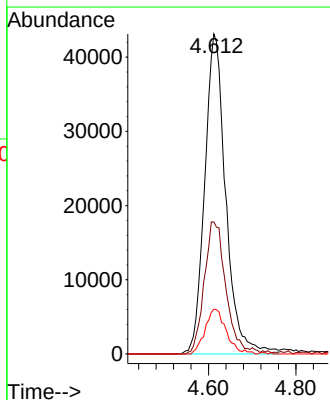
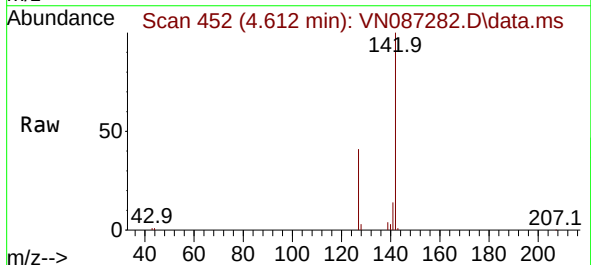
Manual Integrations
APPROVED

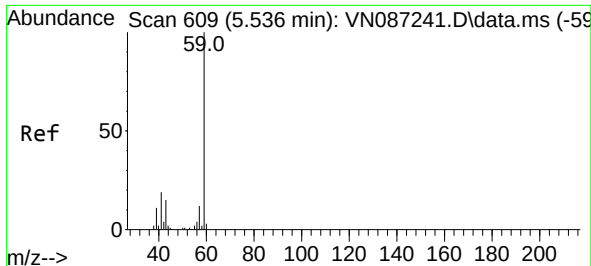
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#10
Methyl Iodide
Concen: 58.398 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

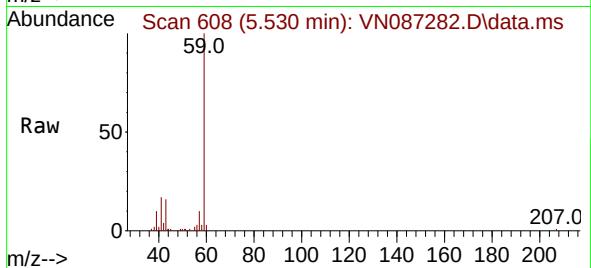
Tgt Ion:142 Resp: 144037
Ion Ratio Lower Upper
142 100
127 41.3 32.8 49.2
141 14.0 11.6 17.4





#11
Tert butyl alcohol
Concen: 212.213 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

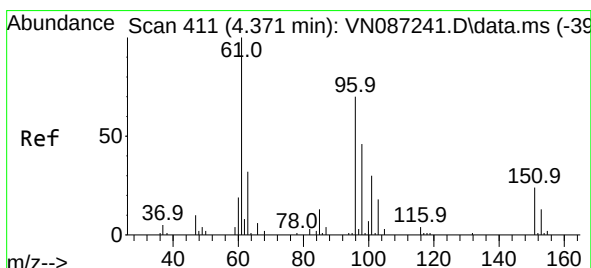
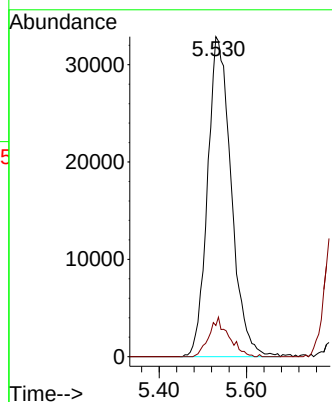
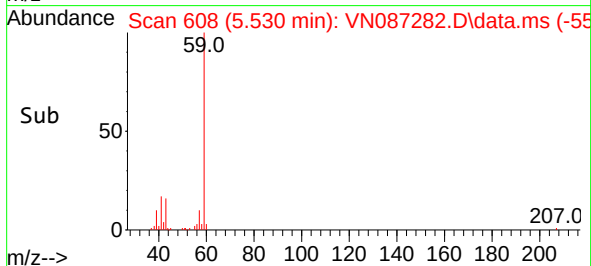
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



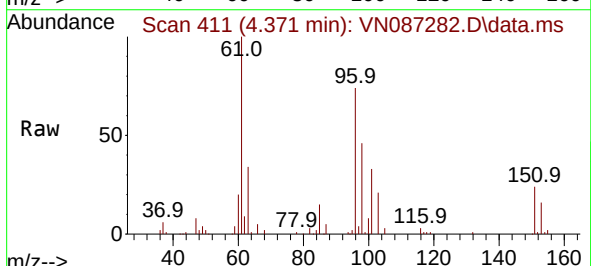
Tgt Ion: 59 Resp: 12327
Ion Ratio Lower Upper
59 100
57 10.3 8.6 12.8

Manual Integrations
APPROVED

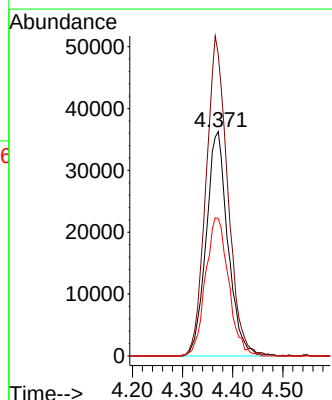
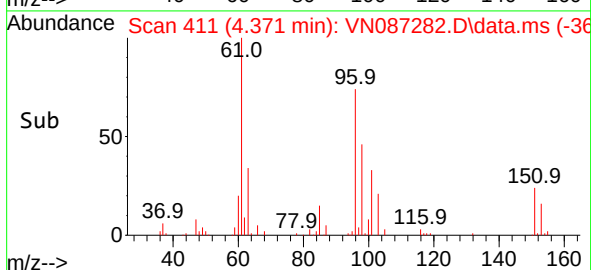
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

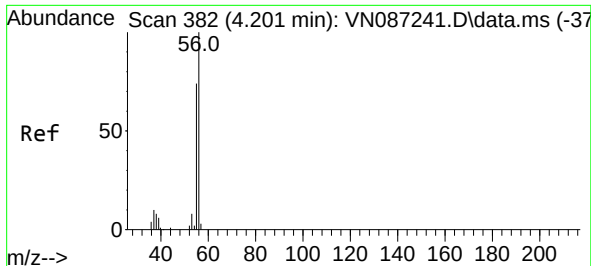


#12
1,1-Dichloroethene
Concen: 46.306 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48



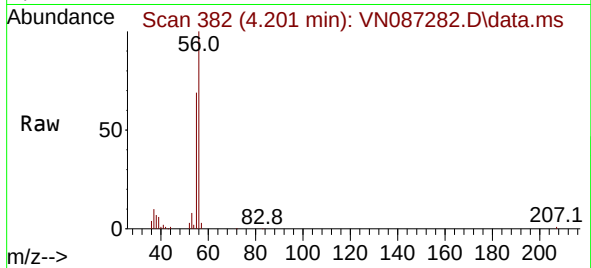
Tgt Ion: 96 Resp: 109348
Ion Ratio Lower Upper
96 100
61 134.3 114.4 171.6
98 61.2 53.0 79.6





#13
Acrolein
Concen: 323.846 ug/l
RT: 4.201 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

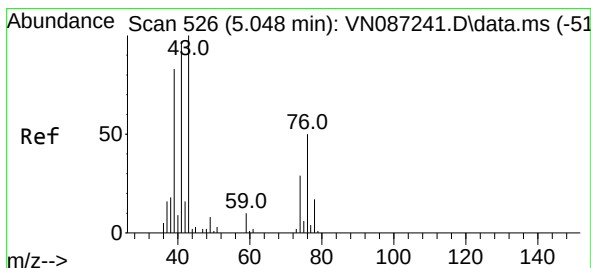
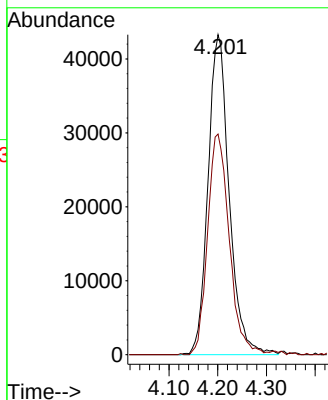
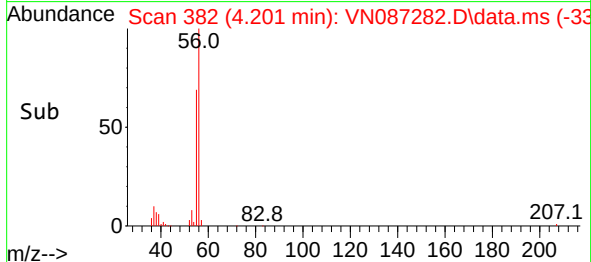
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 130294
Ion Ratio Lower Upper
56 100
55 70.7 58.6 88.0

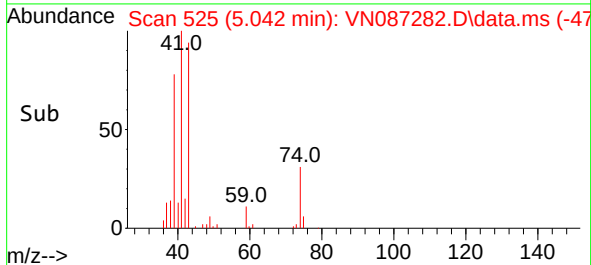
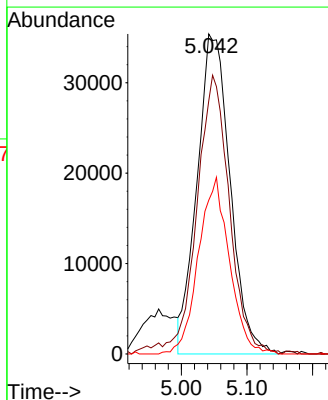
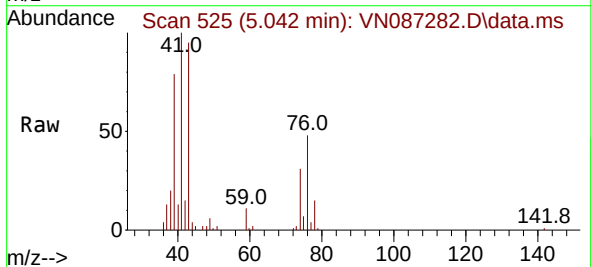
Manual Integrations
APPROVED

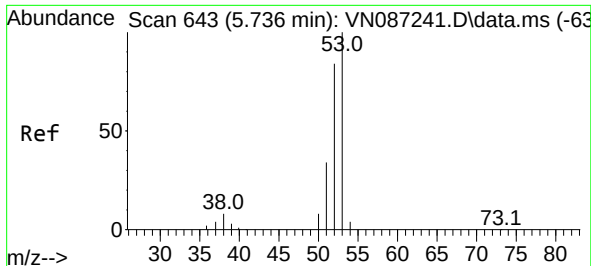
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#14
Allyl chloride
Concen: 42.842 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.006 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

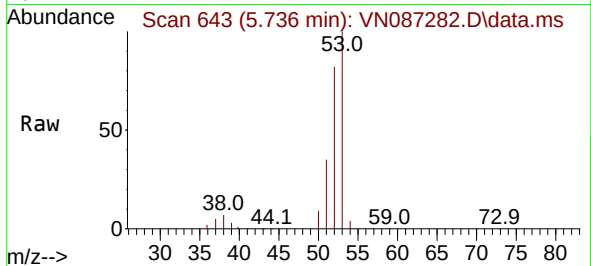
Tgt Ion: 41 Resp: 123989
Ion Ratio Lower Upper
41 100
39 86.9 66.3 99.5
76 51.7 38.6 58.0





#15
Acrylonitrile
Concen: 206.331 ug/l
RT: 5.736 min Scan# 643
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

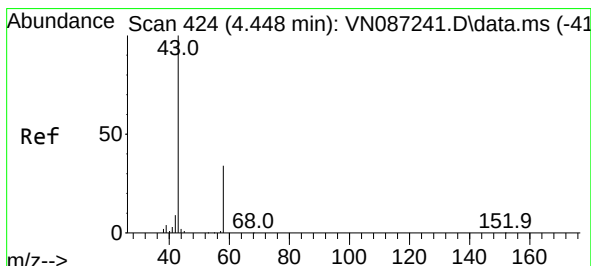
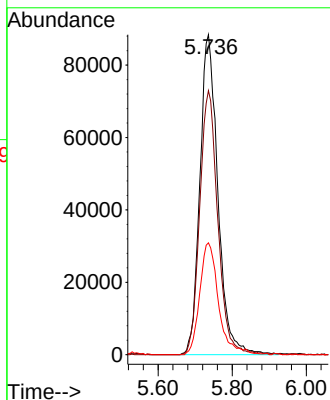
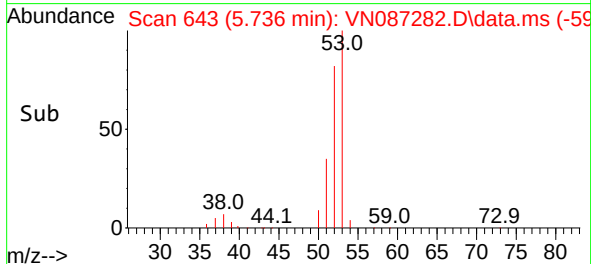
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 298388
Ion Ratio Lower Upper
53 100
52 82.9 66.5 99.7
51 36.5 29.1 43.7

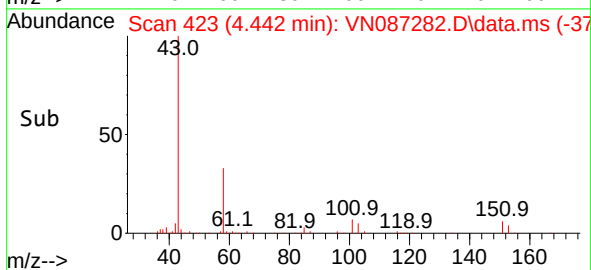
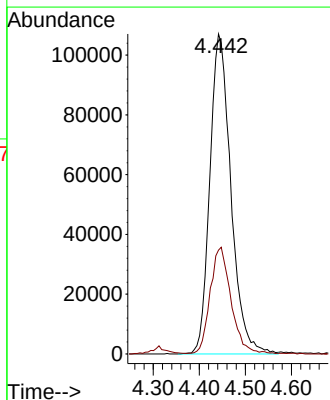
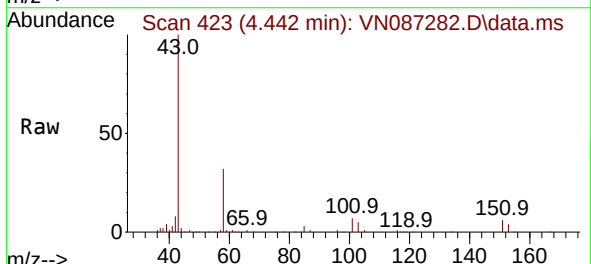
Manual Integrations
APPROVED

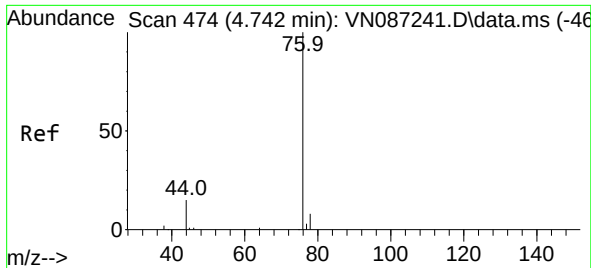
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#16
Acetone
Concen: 278.864 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

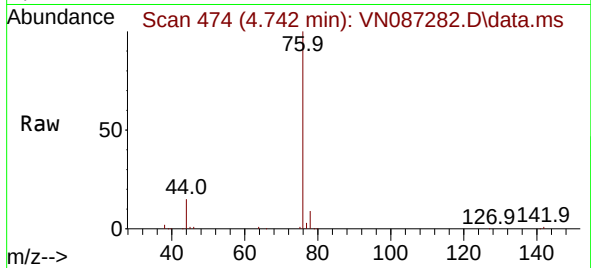
Tgt Ion: 43 Resp: 339816
Ion Ratio Lower Upper
43 100
58 32.2 27.1 40.7





#17
Carbon Disulfide
Concen: 42.060 ug/l
RT: 4.742 min Scan# 474
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

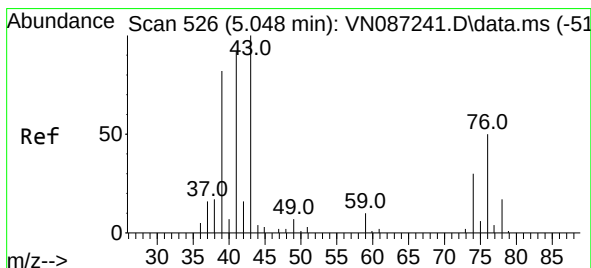
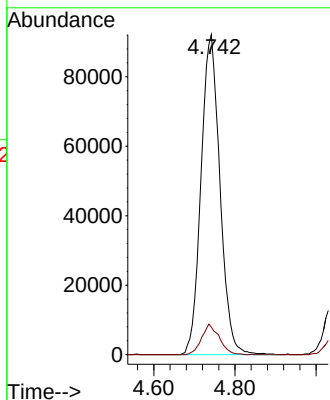
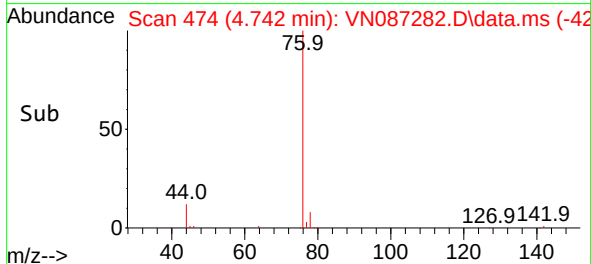
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



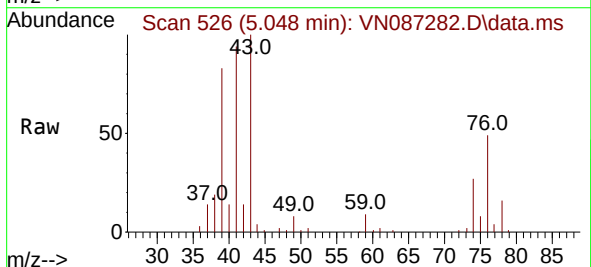
Tgt Ion: 76 Resp: 297990
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2

Manual Integrations
APPROVED

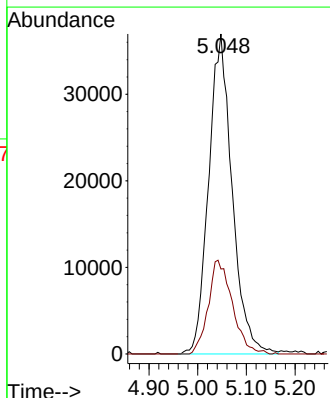
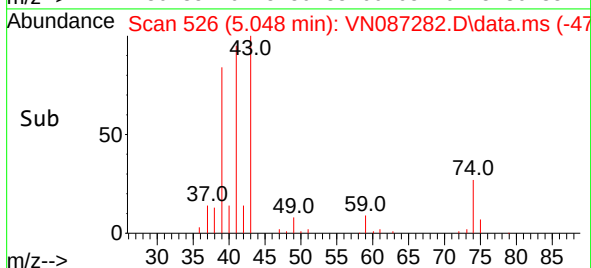
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

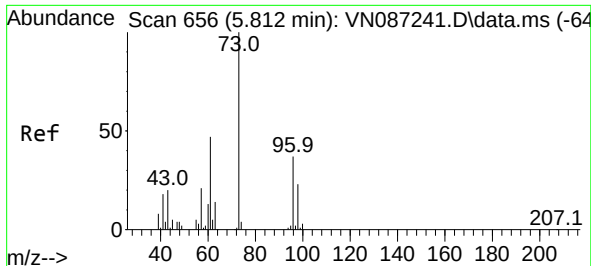


#18
Methyl Acetate
Concen: 44.368 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48



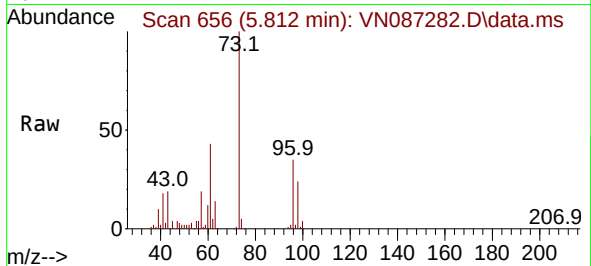
Tgt Ion: 43 Resp: 123771
Ion Ratio Lower Upper
43 100
74 30.0 23.8 35.6





#19
Methyl tert-butyl Ether
Concen: 44.047 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

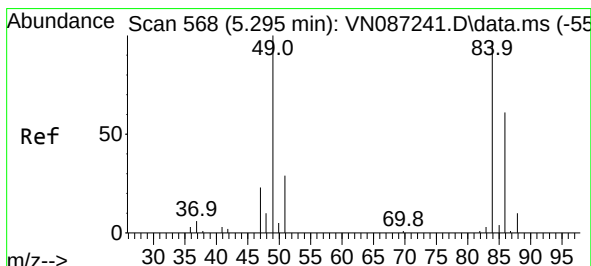
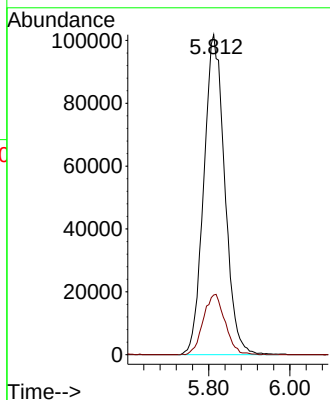
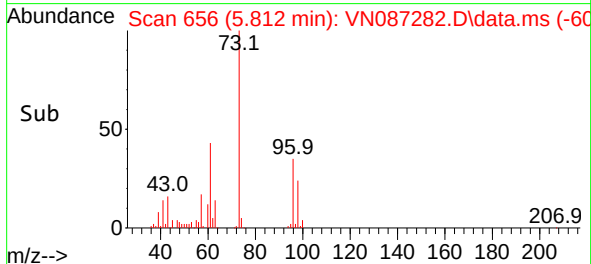
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 364538
Ion Ratio Lower Upper
73 100
57 18.7 16.7 25.1

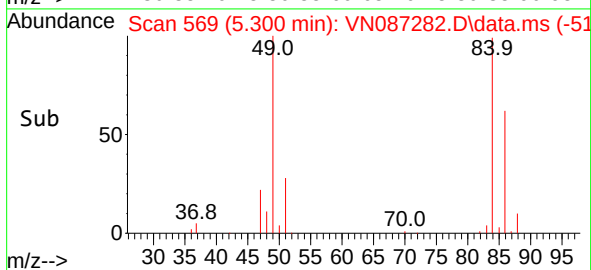
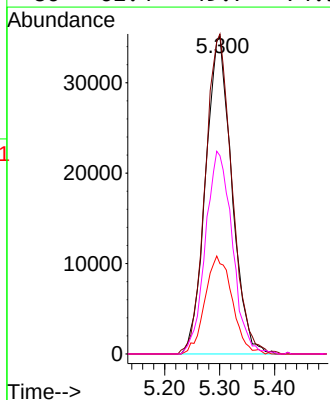
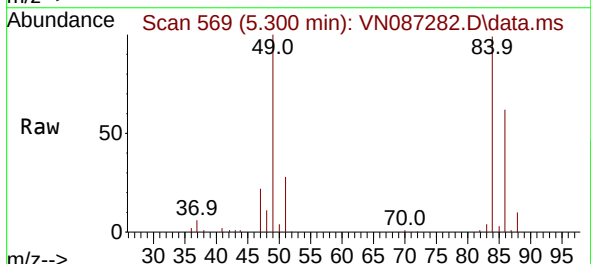
Manual Integrations
APPROVED

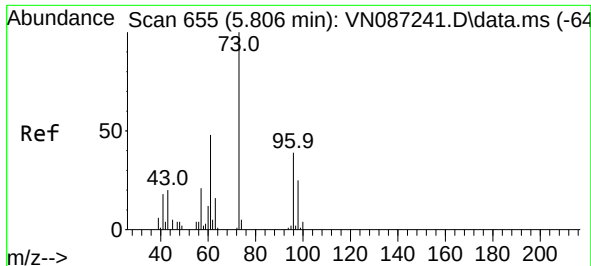
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#20
Methylene Chloride
Concen: 43.078 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

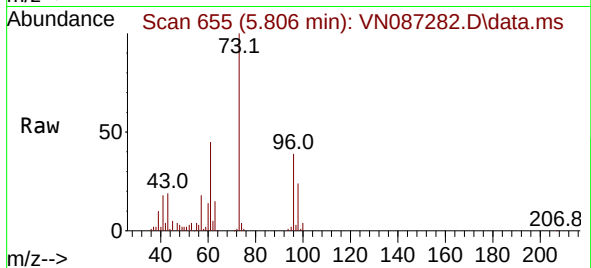
Tgt Ion: 84 Resp: 116286
Ion Ratio Lower Upper
84 100
49 100.8 82.1 123.1
51 28.4 23.5 35.3
86 62.4 49.7 74.5





#21
trans-1,2-Dichloroethene
Concen: 43.046 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

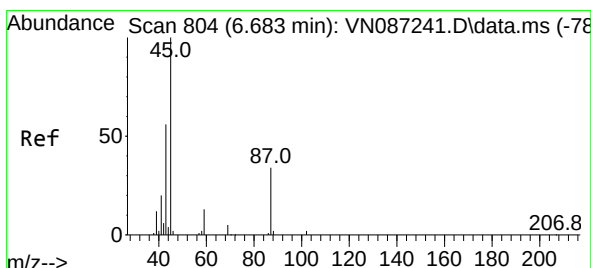
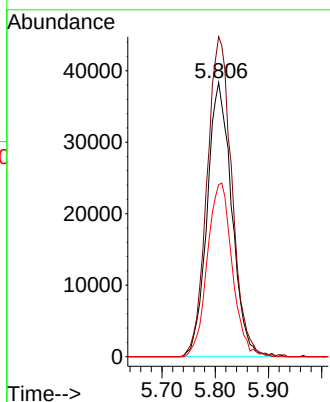
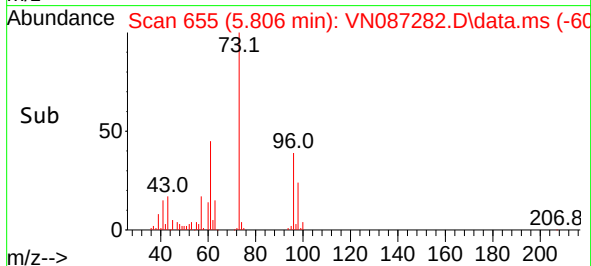
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



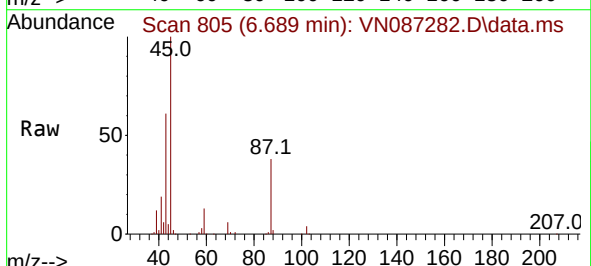
Tgt Ion: 96 Resp: 122830
Ion Ratio Lower Upper
96 100
61 116.7 98.2 147.2
98 62.7 50.0 75.0

Manual Integrations
APPROVED

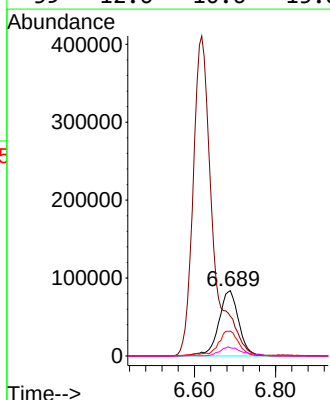
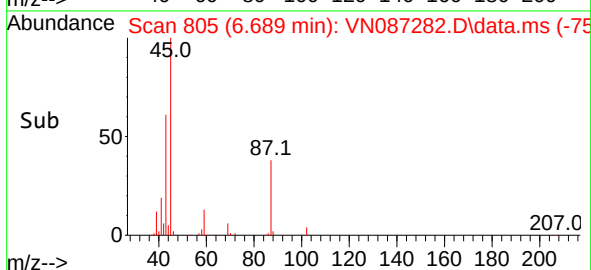
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

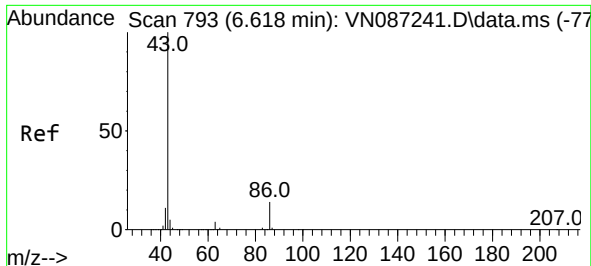


#22
Diisopropyl ether
Concen: 41.308 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.006 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48



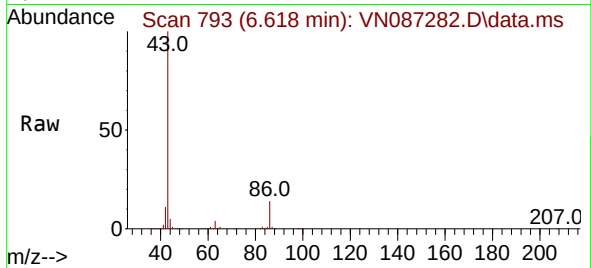
Tgt Ion: 45 Resp: 286230
Ion Ratio Lower Upper
45 100
43 59.0 50.1 75.1
87 38.0 27.5 41.3
59 12.6 10.6 15.8





#23
 Vinyl Acetate
 Concen: 211.816 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. 0.000 min
 Lab File: VN087282.D
 Acq: 07 Jul 2025 09:48

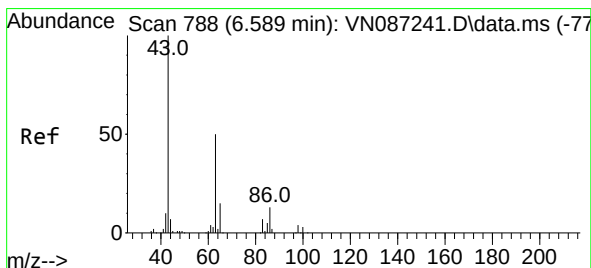
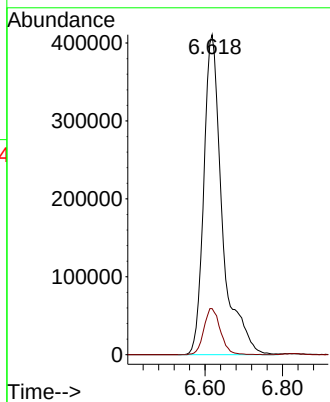
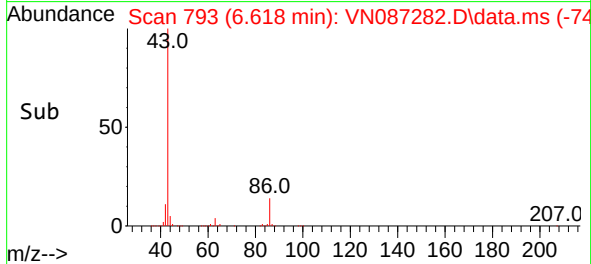
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



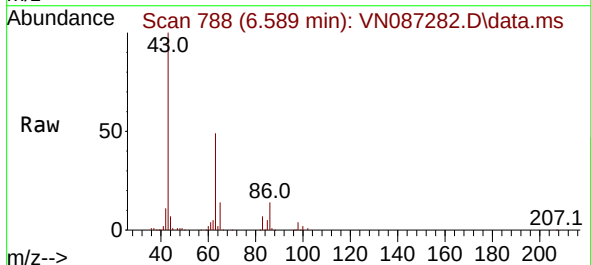
Tgt Ion: 43 Resp: 1357384
 Ion Ratio Lower Upper
 43 100
 86 14.4 11.0 16.4

Manual Integrations
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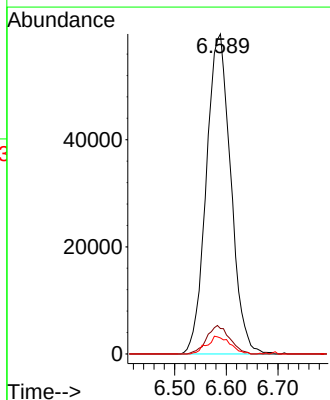
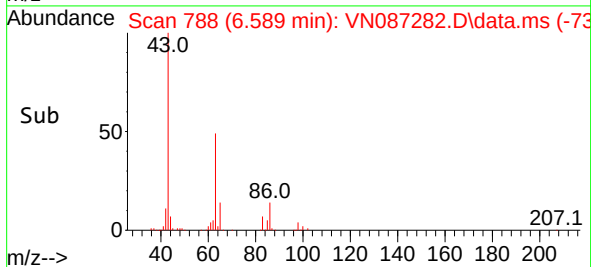
Reviewed By :John Carlone 07/08/2025
 Supervised By :Mahesh Dadoda 07/08/2025

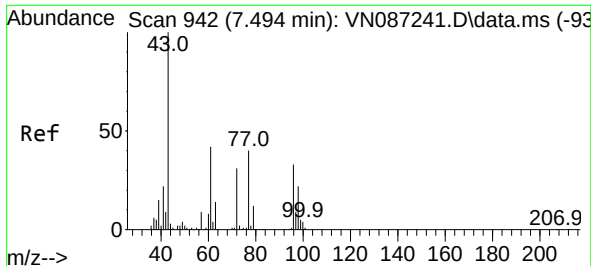


#24
 1,1-Dichloroethane
 Concen: 43.193 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN087282.D
 Acq: 07 Jul 2025 09:48



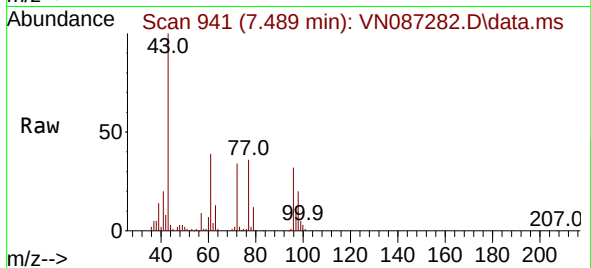
Tgt Ion: 63 Resp: 196095
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.6
 100 5.0 2.7 8.1





#25
2-Butanone
Concen: 220.030 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

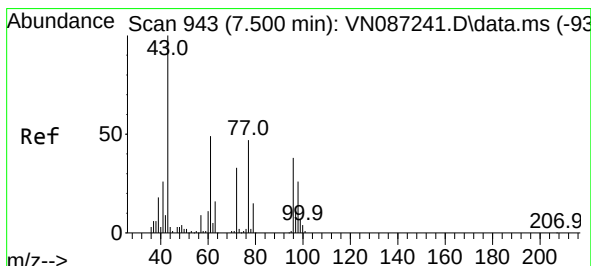
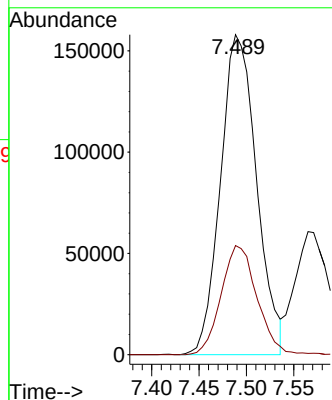
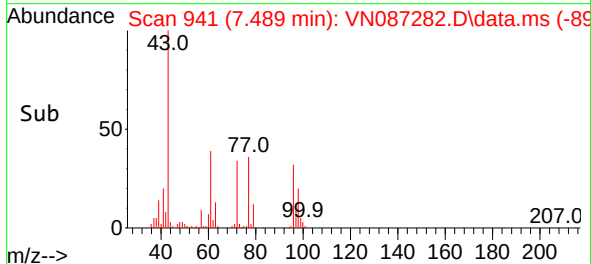
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



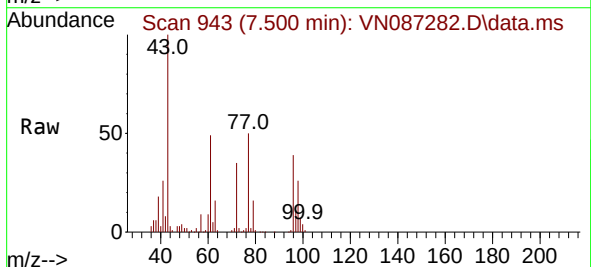
Tgt Ion: 43 Resp: 419009
Ion Ratio Lower Upper
43 100
72 34.1 24.8 37.2

Manual Integrations
APPROVED

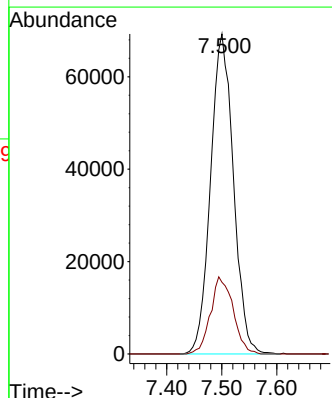
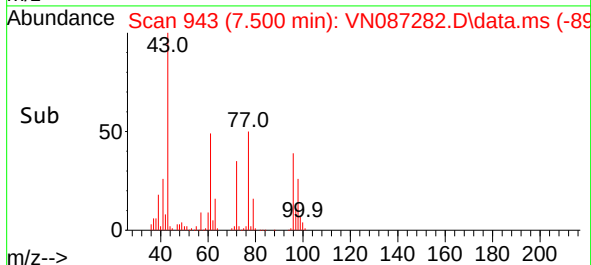
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

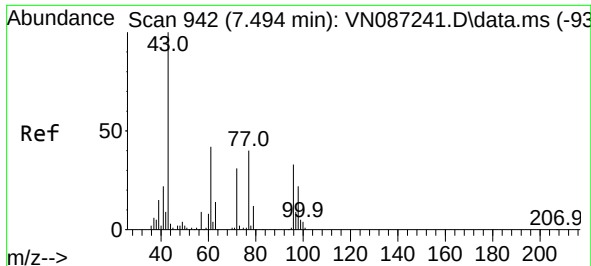


#26
2,2-Dichloropropane
Concen: 46.083 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48



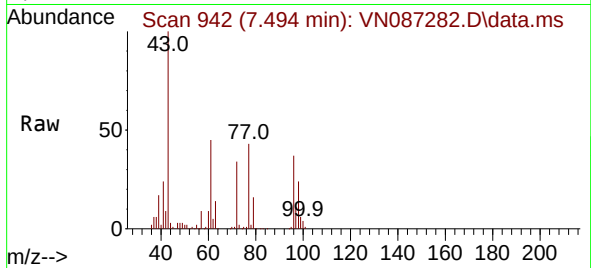
Tgt Ion: 77 Resp: 200200
Ion Ratio Lower Upper
77 100
97 23.8 11.8 35.3





#27
 cis-1,2-Dichloroethene
 Concen: 45.762 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN087282.D
 Acq: 07 Jul 2025 09:48

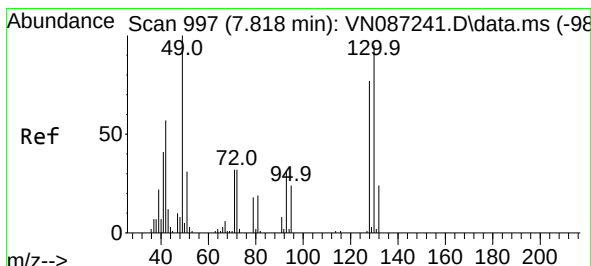
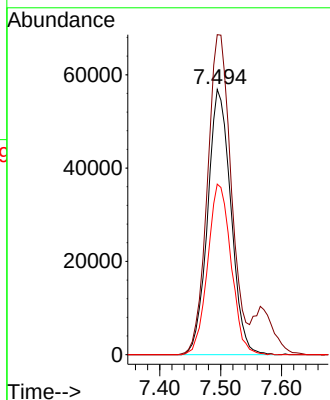
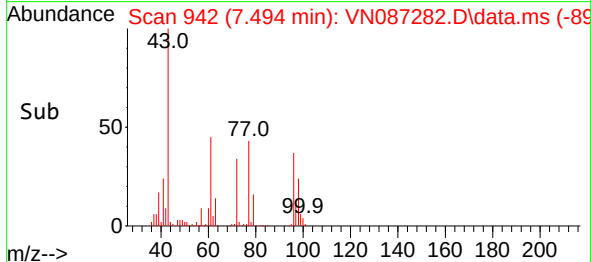
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 150800
 Ion Ratio Lower Upper
 96 100
 61 124.1 0.0 258.8
 98 64.6 0.0 130.8

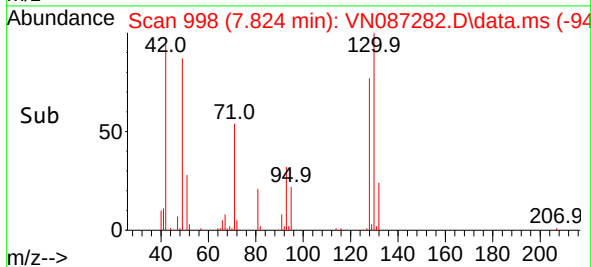
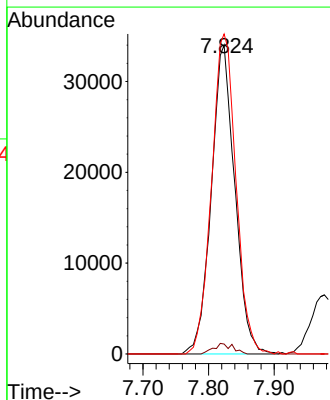
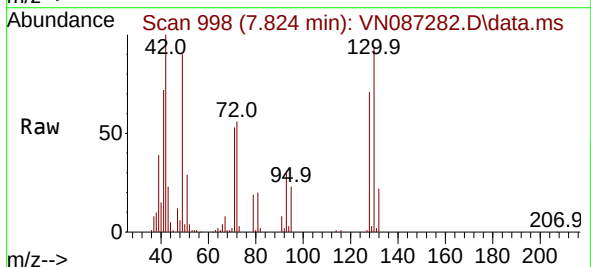
Manual Integrations
 APPROVED

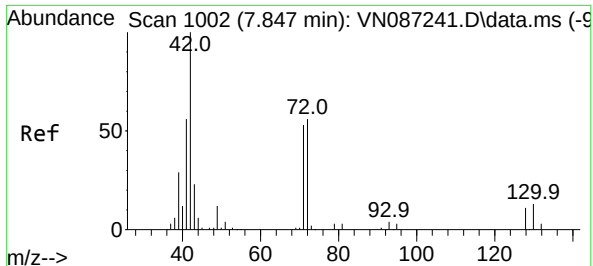
Reviewed By :John Carlone 07/08/2025
 Supervised By :Mahesh Dadoda 07/08/2025



#28
 Bromochloromethane
 Concen: 42.171 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN087282.D
 Acq: 07 Jul 2025 09:48

Tgt Ion: 49 Resp: 84507
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 4.8
 130 107.6 78.4 117.6





#29

Tetrahydrofuran

Concen: 210.294 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN087282.D

Acq: 07 Jul 2025 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 258060

Ion Ratio Lower Upper

42 100

72 57.0 44.2 66.4

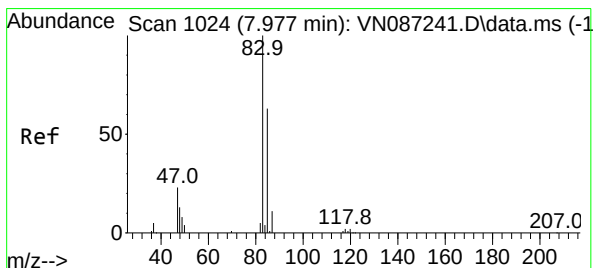
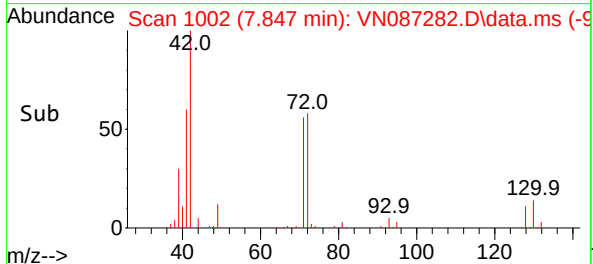
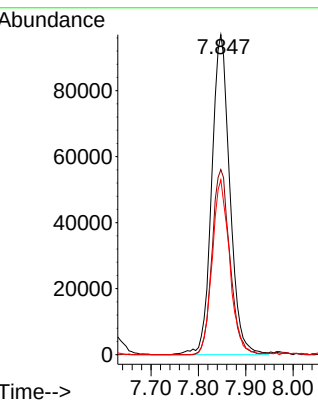
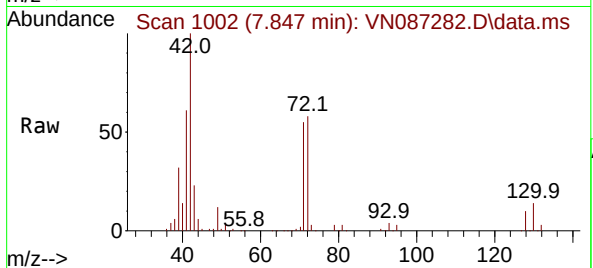
71 52.7 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2025

Supervised By :Mahesh Dadoda 07/08/2025



#30

Chloroform

Concen: 44.606 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VN087282.D

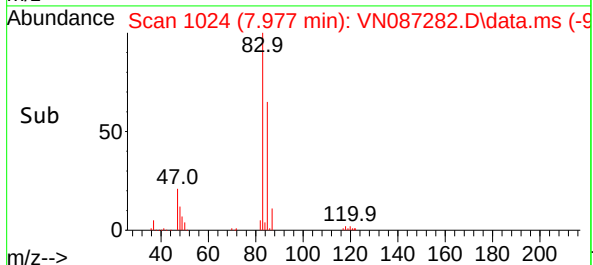
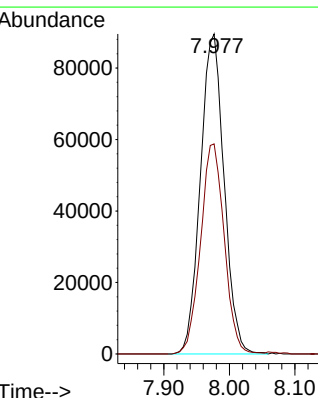
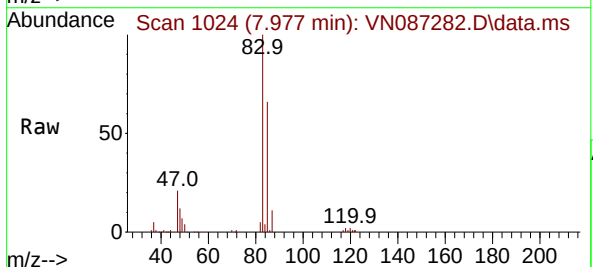
Acq: 07 Jul 2025 09:48

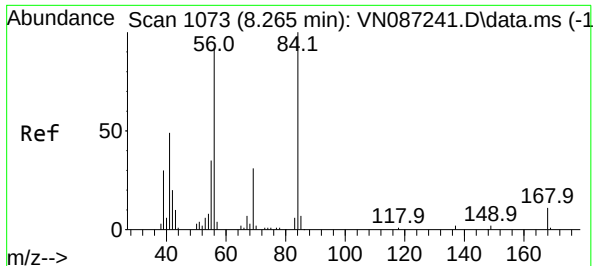
Tgt Ion: 83 Resp: 224459

Ion Ratio Lower Upper

83 100

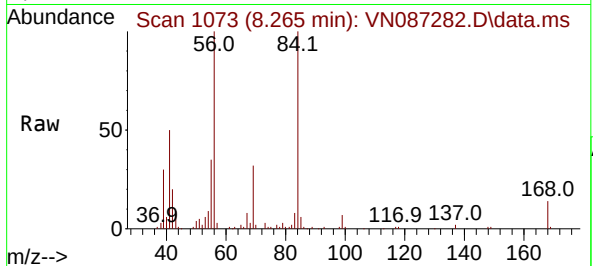
85 65.6 50.3 75.5





#31
Cyclohexane
Concen: 39.427 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

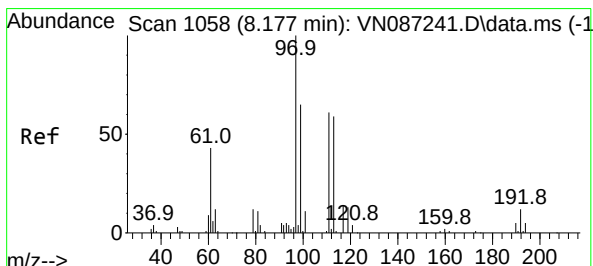
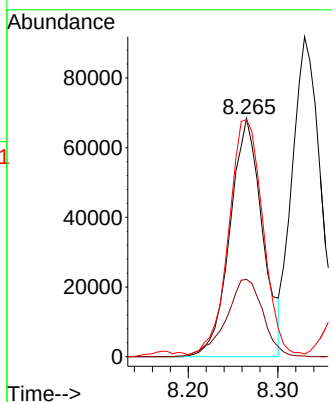
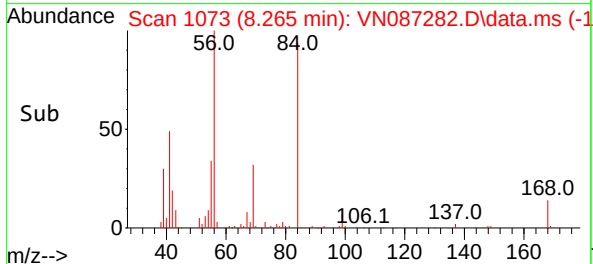
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



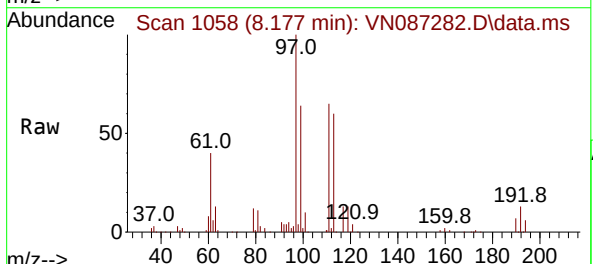
Tgt Ion: 56 Resp: 171140
Ion Ratio Lower Upper
56 100
69 32.2 27.0 40.6
84 97.7 86.2 129.4

Manual Integrations
APPROVED

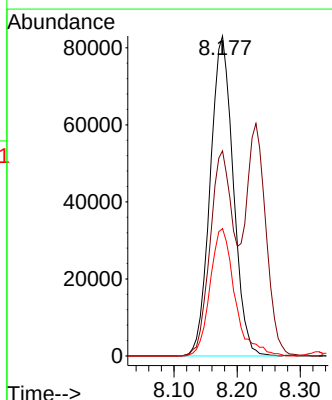
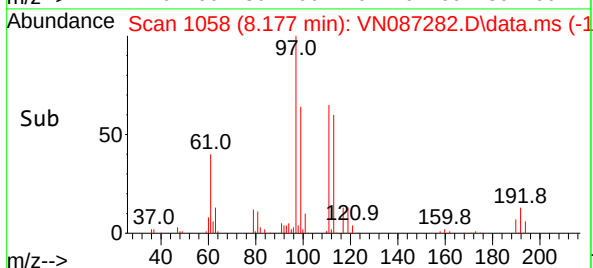
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

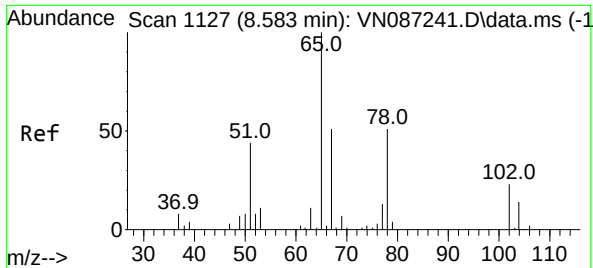


#32
1,1,1-Trichloroethane
Concen: 44.883 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48



Tgt Ion: 97 Resp: 210339
Ion Ratio Lower Upper
97 100
99 63.5 49.5 74.3
61 43.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 44.547 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN087282.D

Acq: 07 Jul 2025 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 141980

Ion Ratio Lower Upper

65 100

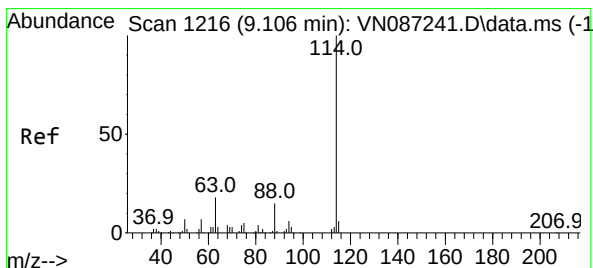
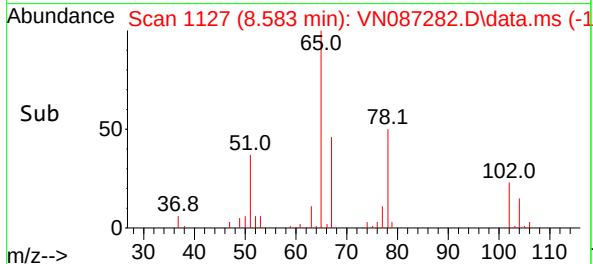
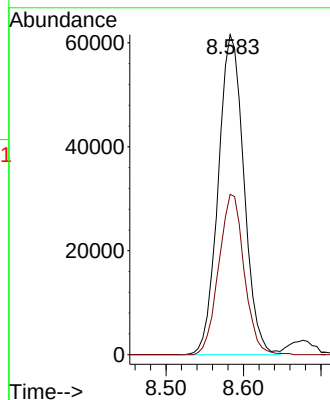
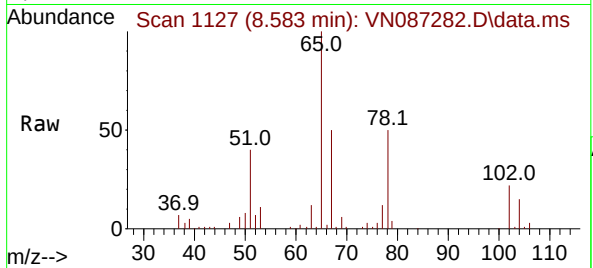
67 49.6 0.0 102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2025

Supervised By :Mahesh Dadoda 07/08/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN087282.D

Acq: 07 Jul 2025 09:48

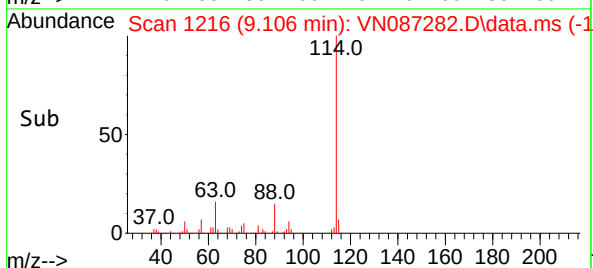
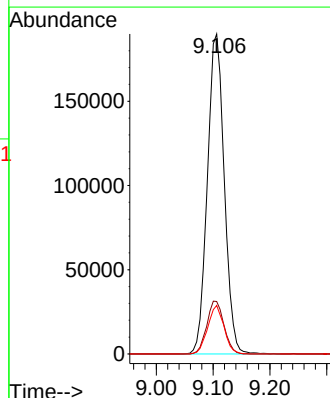
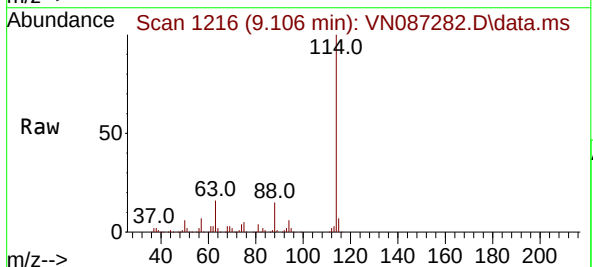
Tgt Ion:114 Resp: 391455

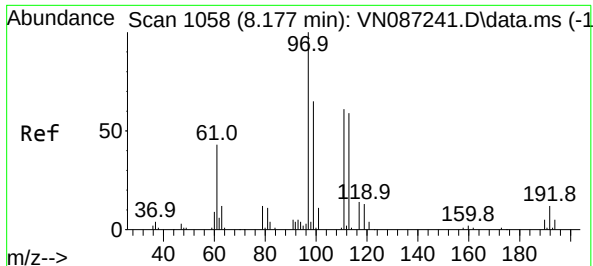
Ion Ratio Lower Upper

114 100

63 16.4 0.0 36.6

88 15.1 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.761 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN087282.D

Acq: 07 Jul 2025 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

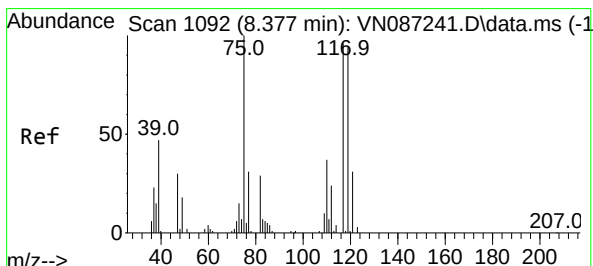
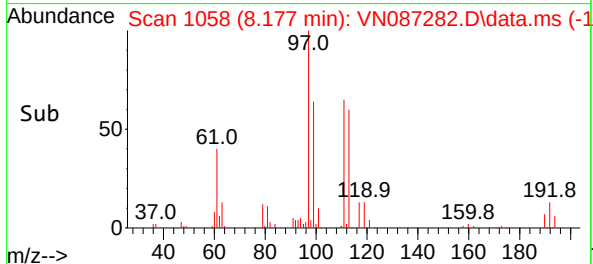
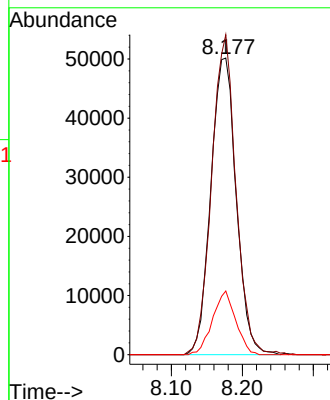
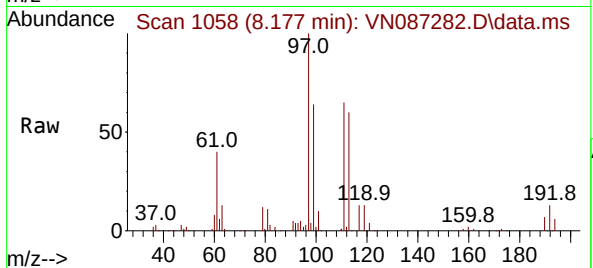
Tgt Ion:	113	Resp:	124720
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.2
192	19.5	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2025

Supervised By :Mahesh Dadoda 07/08/2025



#36

1,1-Dichloropropene

Concen: 46.024 ug/l

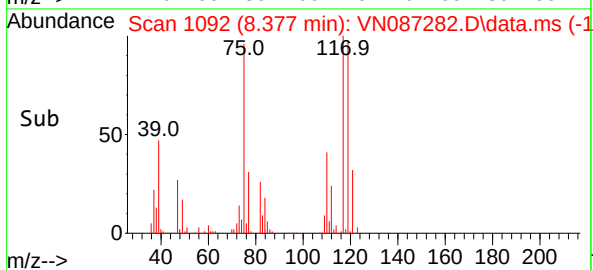
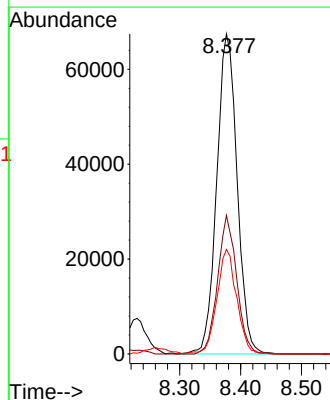
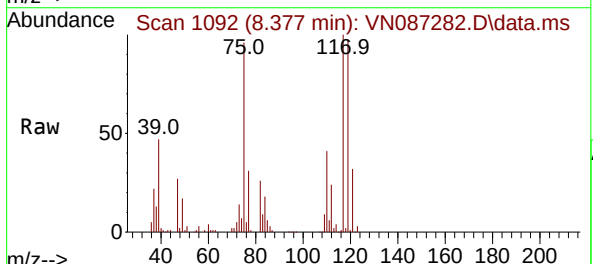
RT: 8.377 min Scan# 1092

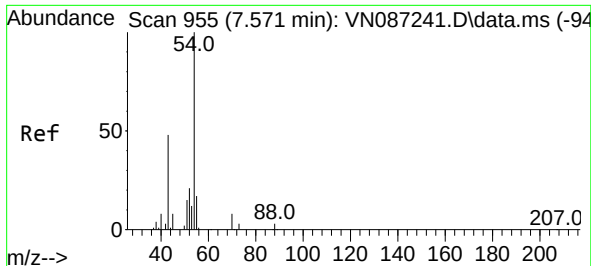
Delta R.T. 0.000 min

Lab File: VN087282.D

Acq: 07 Jul 2025 09:48

Tgt Ion:	75	Resp:	156875
Ion	Ratio	Lower	Upper
75	100		
110	40.5	18.7	56.1
77	31.7	24.5	36.7





#37

Ethyl Acetate

Concen: 43.458 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN087282.D

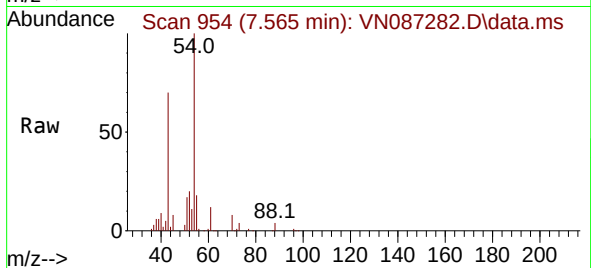
Acq: 07 Jul 2025 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 159239

Ion Ratio Lower Upper

43 100

61 14.6 11.3 16.9

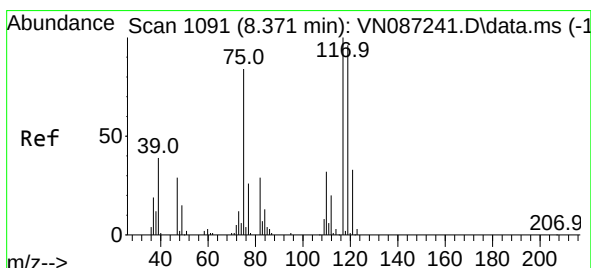
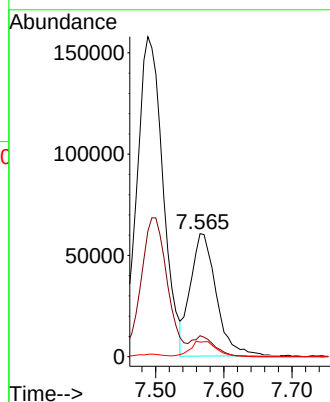
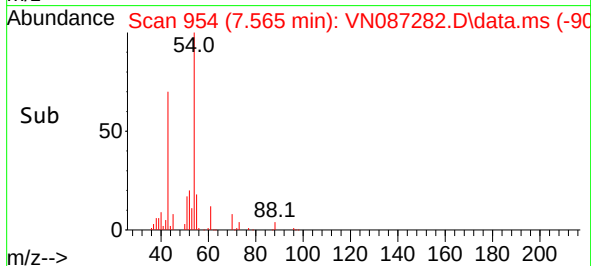
70 12.8 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2025

Supervised By :Mahesh Dadoda 07/08/2025



#38

Carbon Tetrachloride

Concen: 49.697 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VN087282.D

Acq: 07 Jul 2025 09:48

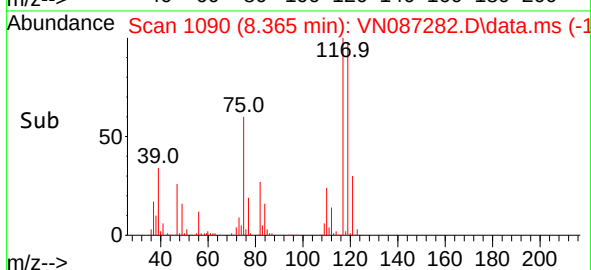
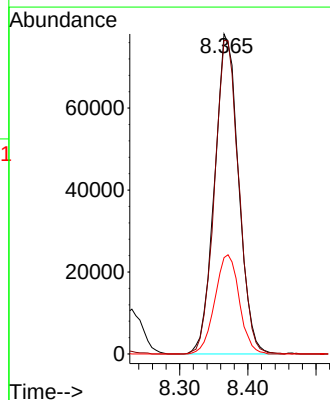
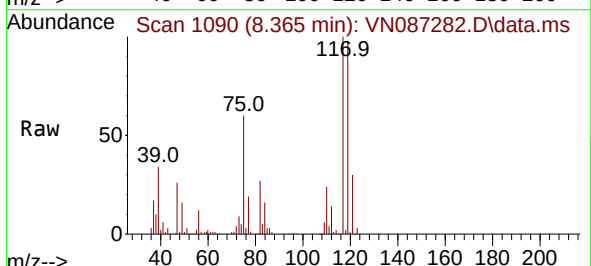
Tgt Ion:117 Resp: 191948

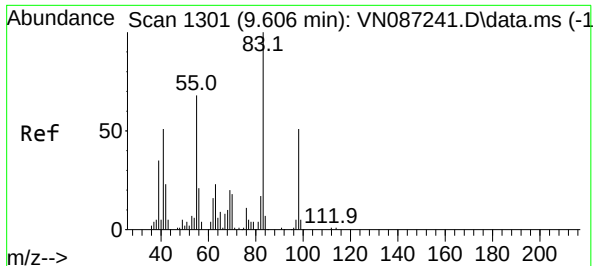
Ion Ratio Lower Upper

117 100

119 98.0 77.2 115.8

121 30.1 26.6 39.8





#39

Methylcyclohexane

Concen: 46.540 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN087282.D

Acq: 07 Jul 2025 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 188918

Ion Ratio Lower Upper

83 100

55 66.2 54.6 81.8

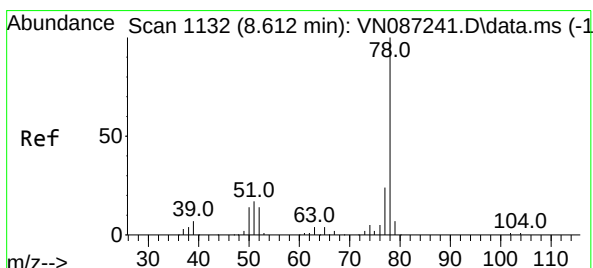
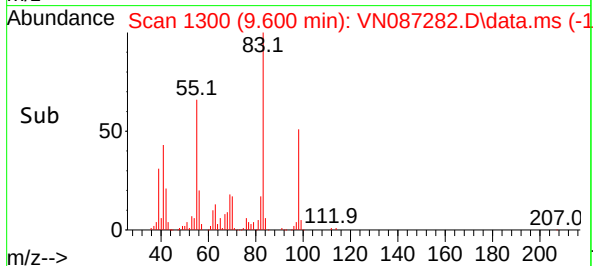
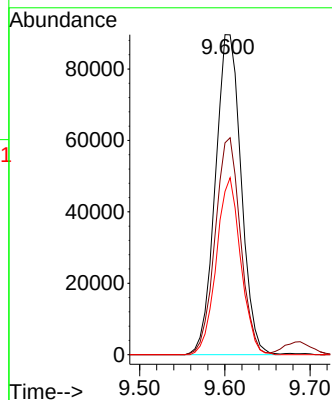
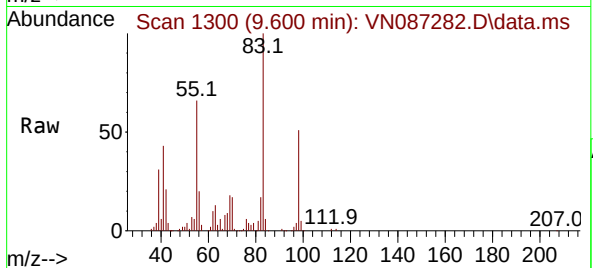
98 51.0 41.2 61.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2025

Supervised By :Mahesh Dadoda 07/08/2025



#40

Benzene

Concen: 45.178 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN087282.D

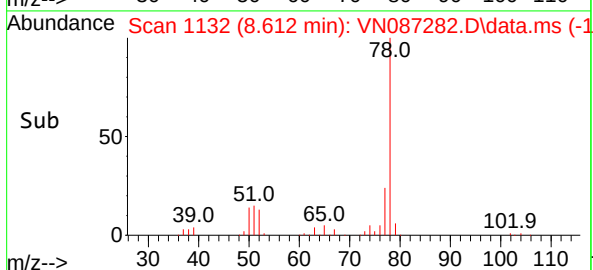
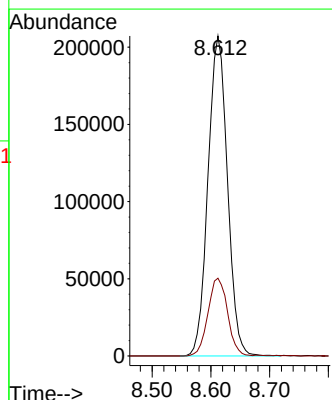
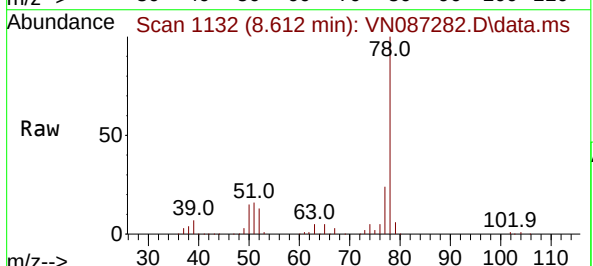
Acq: 07 Jul 2025 09:48

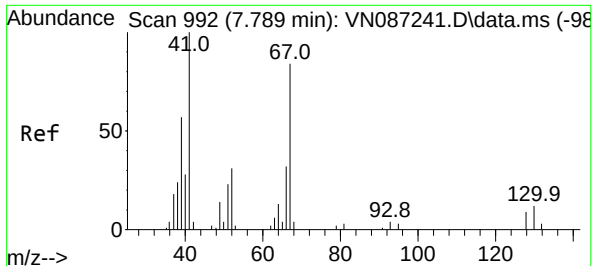
Tgt Ion: 78 Resp: 477085

Ion Ratio Lower Upper

78 100

77 24.3 19.5 29.3





#41
Methacrylonitrile
Concen: 43.142 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

Instrument :

MSVOA_N

ClientSampleId :

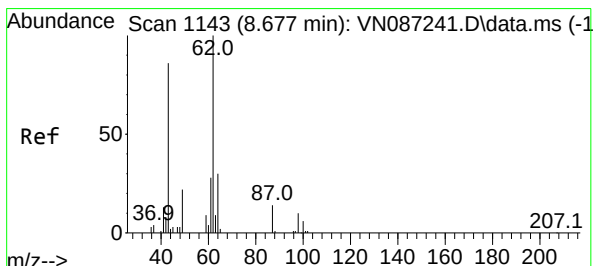
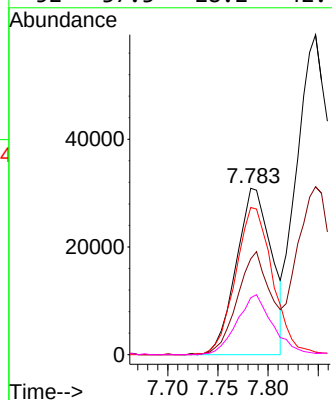
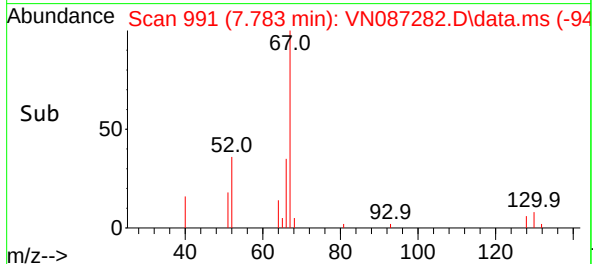
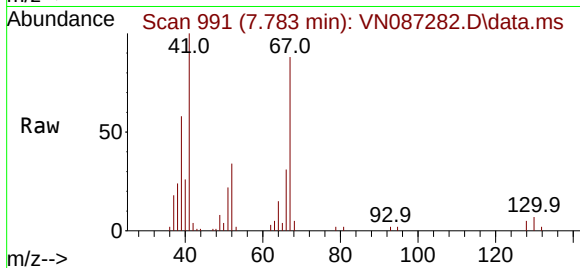
VSTDCCC050

Tgt Ion: 41 Resp: 7558
Ion Ratio Lower Upper
41 100
39 59.0 46.4 69.6
67 93.8 70.8 106.2
52 37.3 28.2 42.4

Manual Integrations

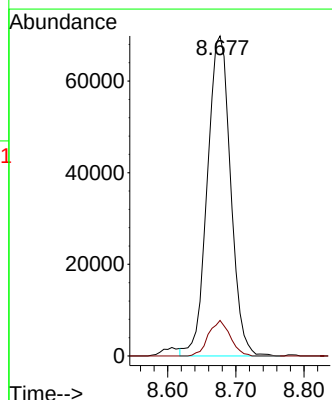
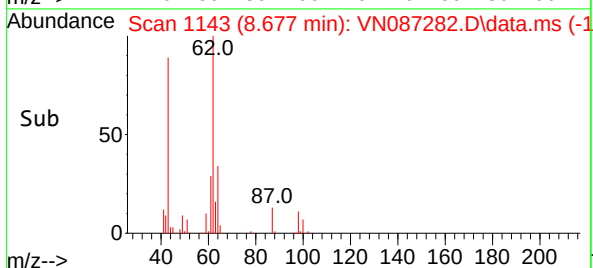
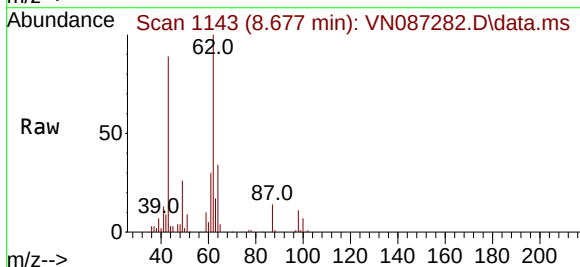
APPROVED

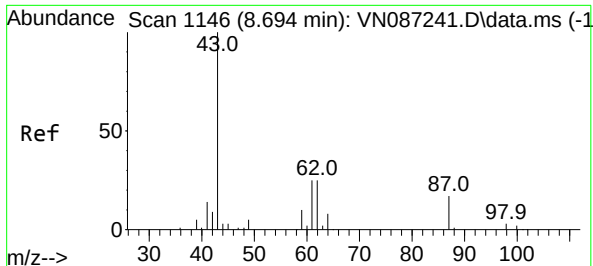
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#42
1,2-Dichloroethane
Concen: 47.257 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

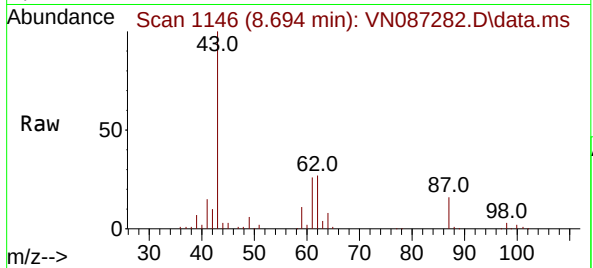
Tgt Ion: 62 Resp: 165960
Ion Ratio Lower Upper
62 100
98 10.4 0.0 19.8





#43
Isopropyl Acetate
Concen: 44.481 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

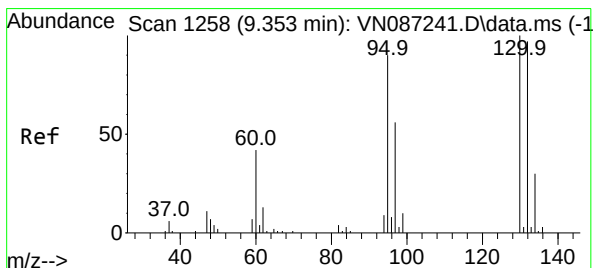
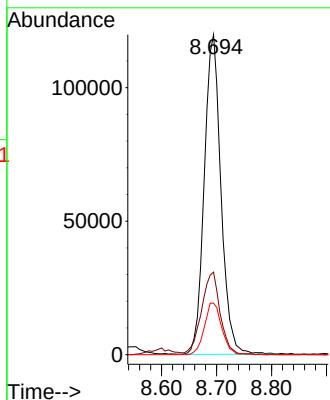
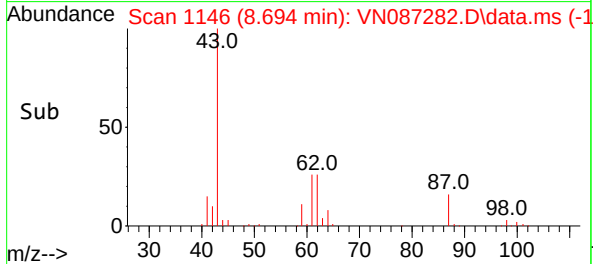
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 252759
Ion Ratio Lower Upper
43 100
61 28.1 22.4 33.6
87 16.9 12.8 19.2

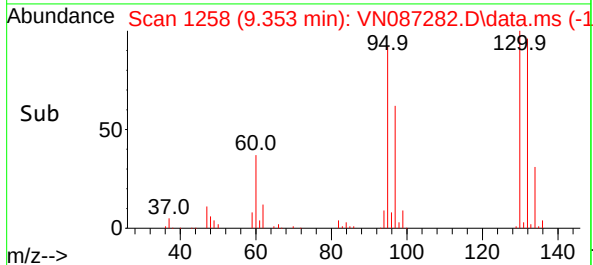
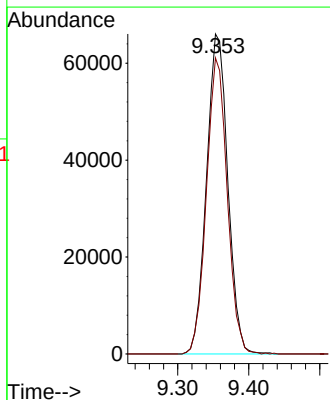
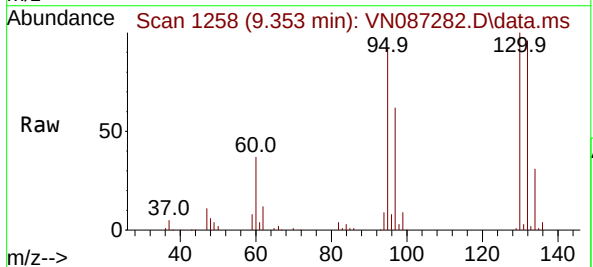
Manual Integrations
APPROVED

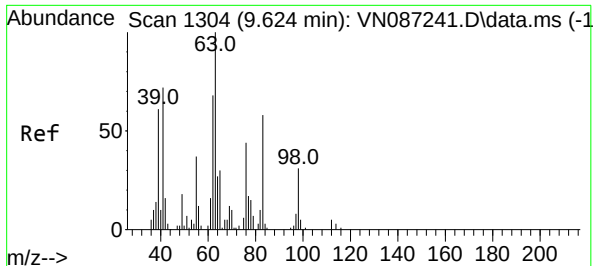
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#44
Trichloroethene
Concen: 49.070 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

Tgt Ion:130 Resp: 137691
Ion Ratio Lower Upper
130 100
95 92.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 47.004 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN087282.D

Acq: 07 Jul 2025 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 108224

Ion Ratio Lower Upper

63 100

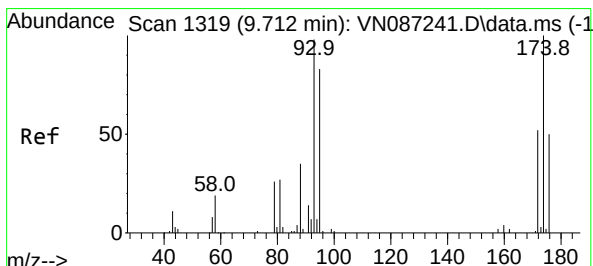
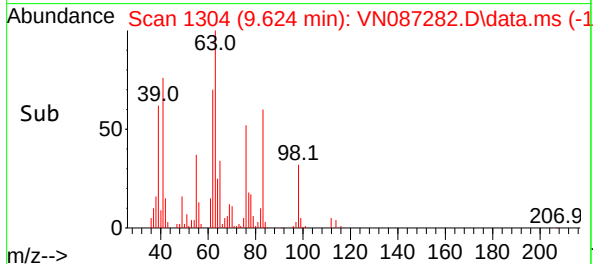
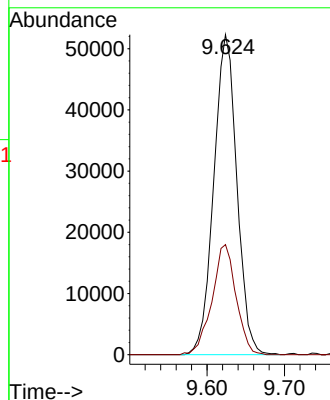
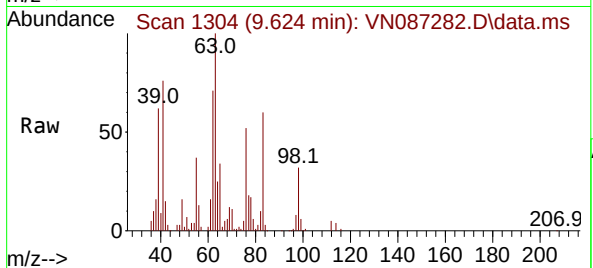
65 34.4 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2025

Supervised By :Mahesh Dadoda 07/08/2025



#46

Dibromomethane

Concen: 47.344 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN087282.D

Acq: 07 Jul 2025 09:48

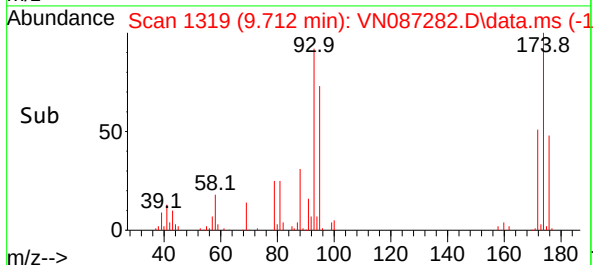
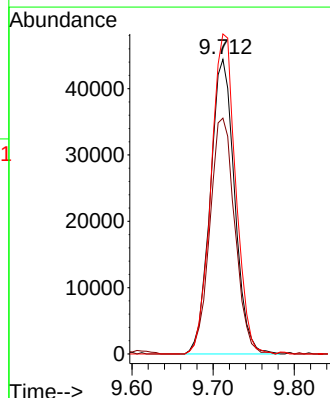
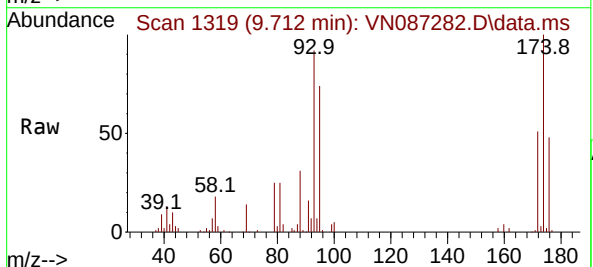
Tgt Ion: 93 Resp: 92733

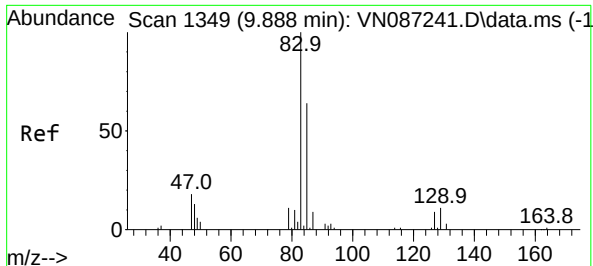
Ion Ratio Lower Upper

93 100

95 81.7 66.1 99.1

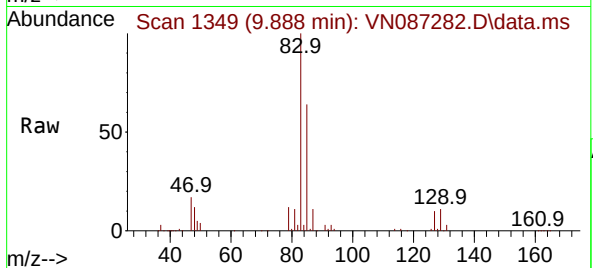
174 109.5 81.8 122.6





#47
Bromodichloromethane
Concen: 47.925 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

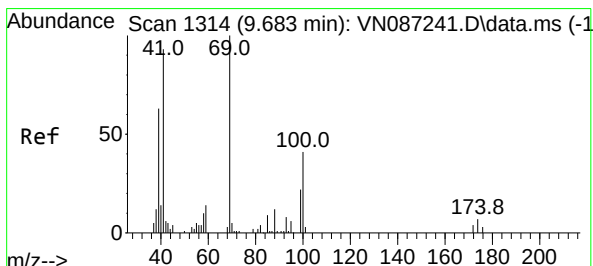
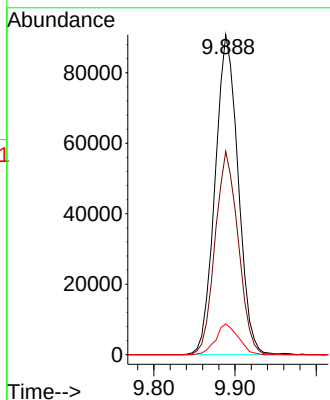
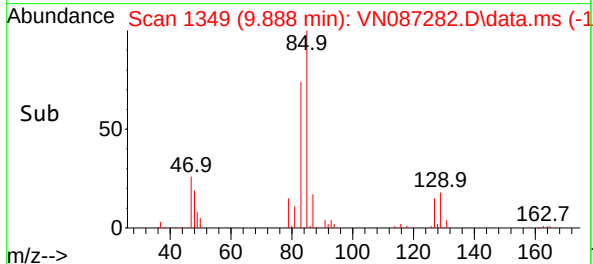
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 17903
Ion Ratio Lower Upper
83 100
85 63.6 51.2 76.8
127 9.6 7.0 10.4

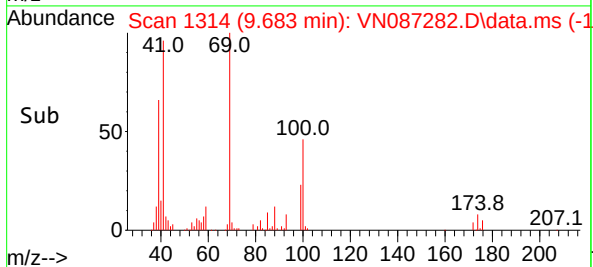
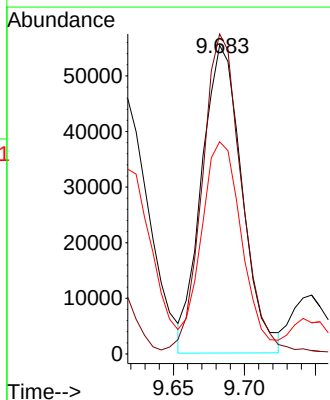
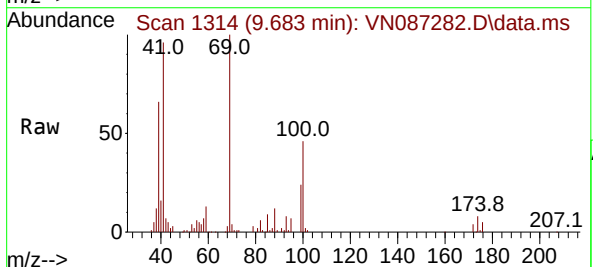
Manual Integrations
APPROVED

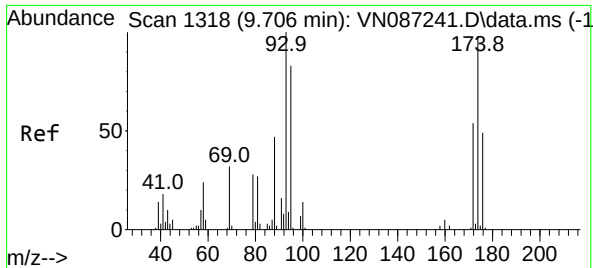
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#48
Methyl methacrylate
Concen: 45.675 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

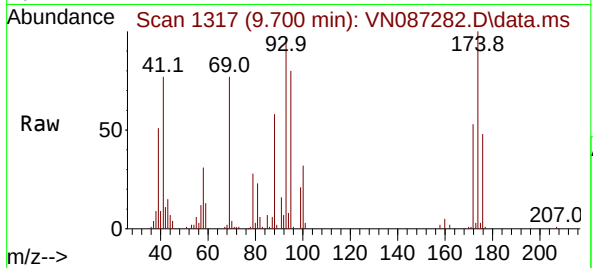
Tgt Ion: 41 Resp: 109389
Ion Ratio Lower Upper
41 100
69 102.7 81.4 122.2
39 69.4 56.9 85.3





#49
1,4-Dioxane
Concen: 902.826 ug/l
RT: 9.700 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

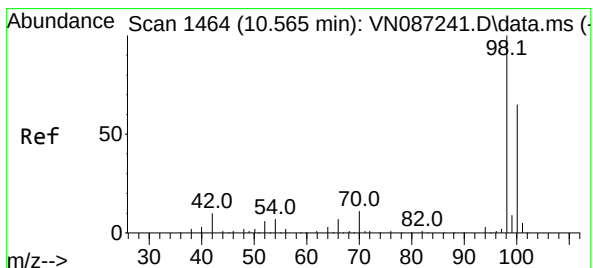
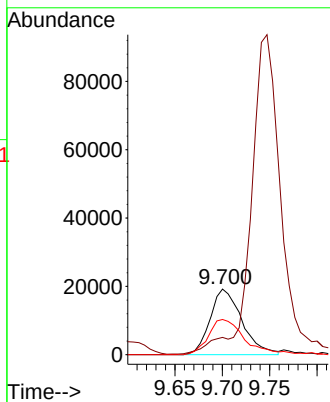
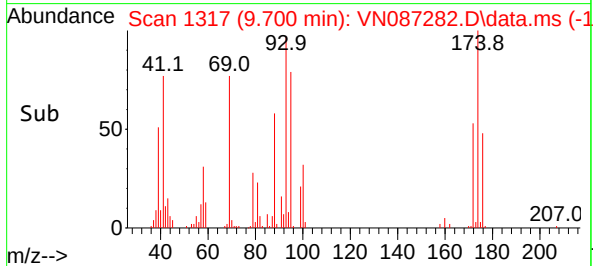
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



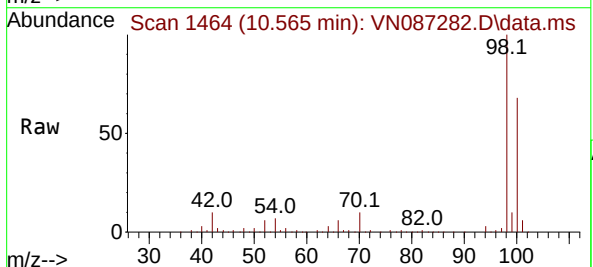
Tgt Ion: 88 Resp: 44952
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 61.2 47.8 71.8

Manual Integrations
APPROVED

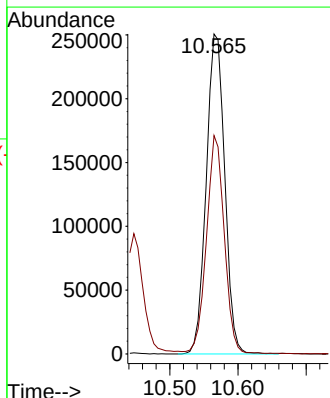
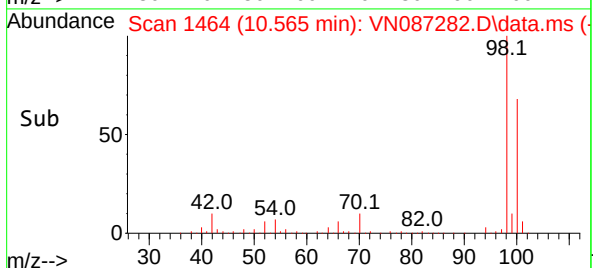
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

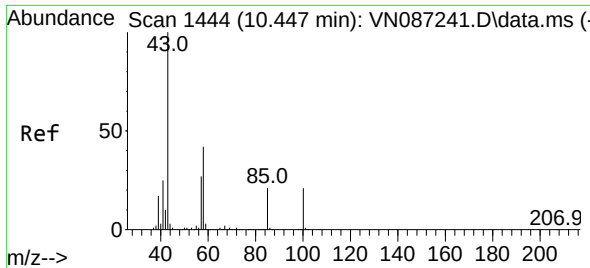


#50
Toluene-d8
Concen: 48.491 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48



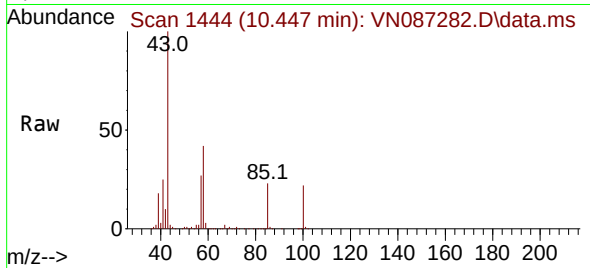
Tgt Ion: 98 Resp: 473749
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 234.287 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

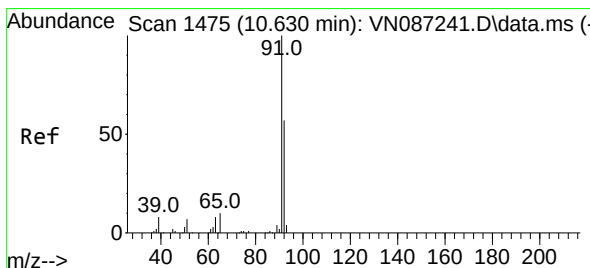
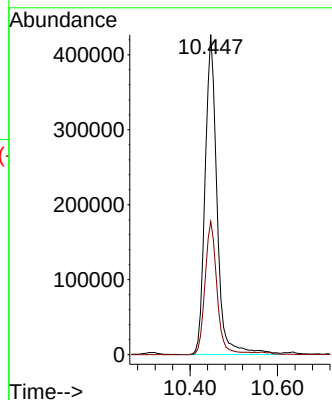
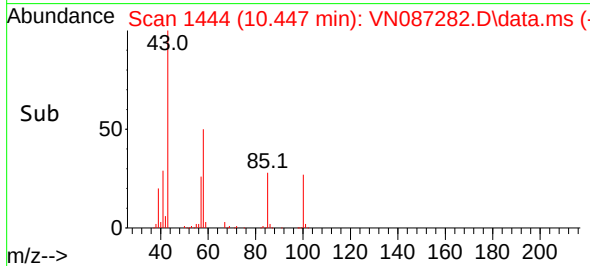
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 814560
Ion Ratio Lower Upper
43 100
58 41.8 34.2 51.2

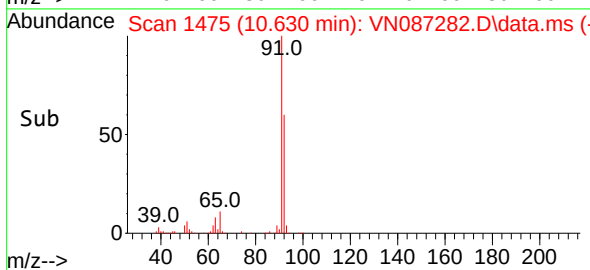
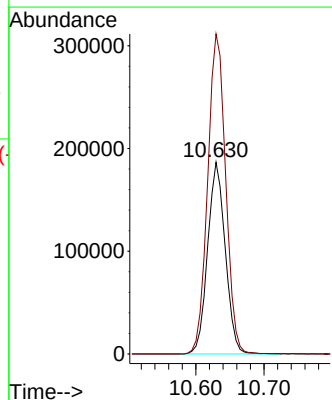
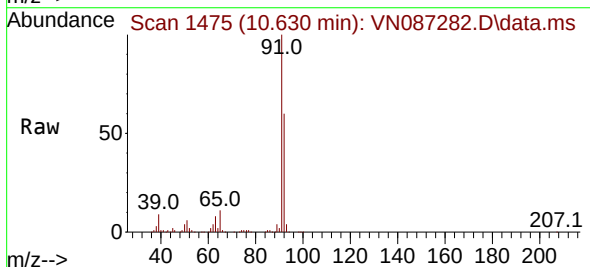
Manual Integrations
APPROVED

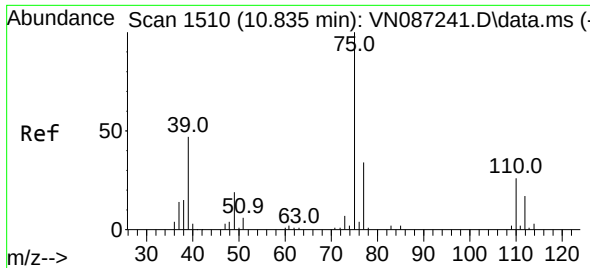
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#52
Toluene
Concen: 48.371 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

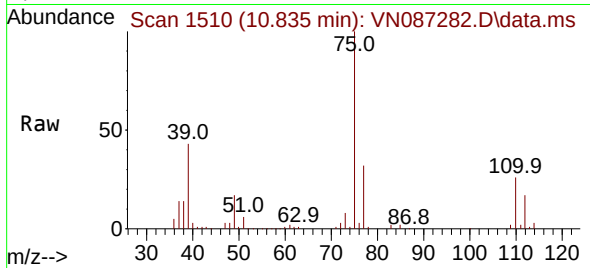
Tgt Ion: 92 Resp: 334997
Ion Ratio Lower Upper
92 100
91 171.1 137.8 206.6





#53
t-1,3-Dichloropropene
Concen: 47.777 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

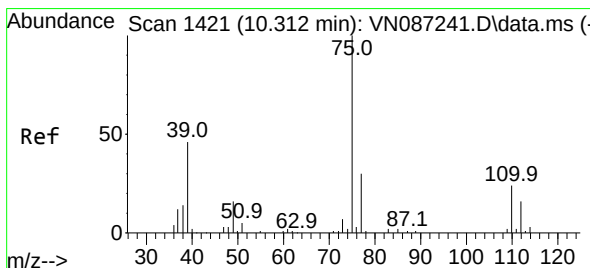
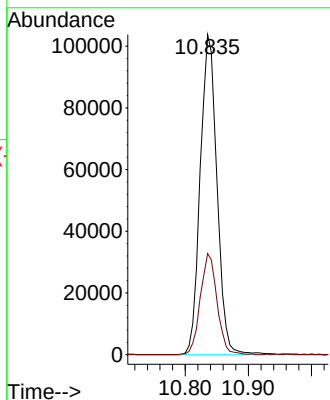
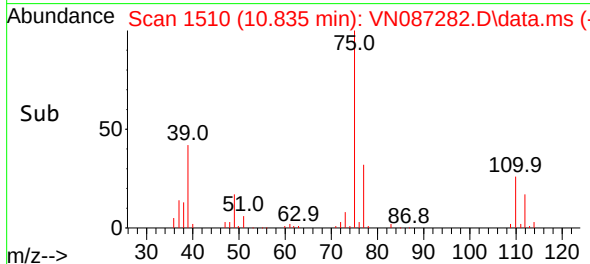
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



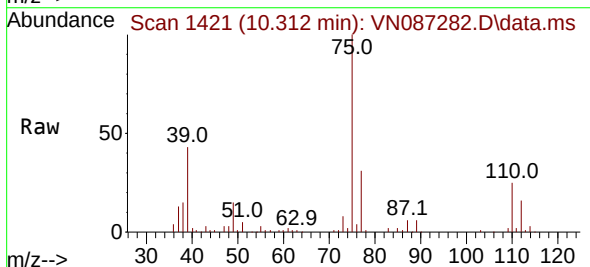
Tgt Ion: 75 Resp: 19143
Ion Ratio Lower Upper
75 100
77 31.6 27.1 40.7

Manual Integrations
APPROVED

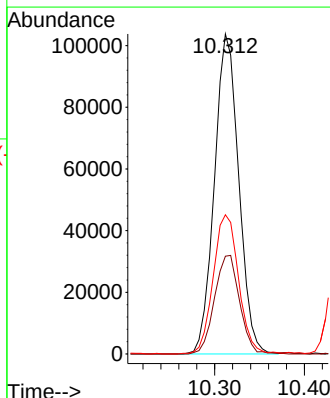
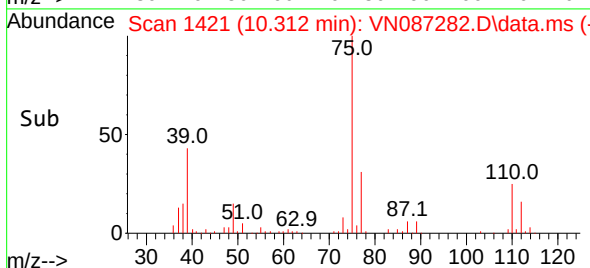
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

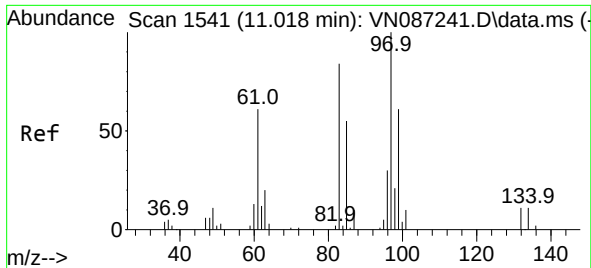


#54
cis-1,3-Dichloropropene
Concen: 47.850 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48



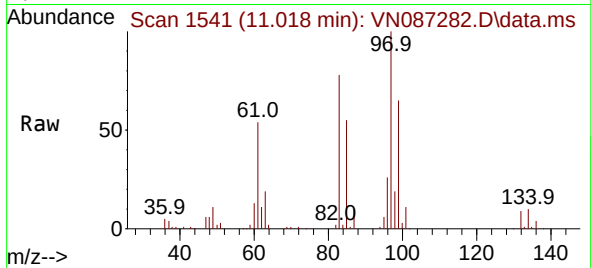
Tgt Ion: 75 Resp: 195339
Ion Ratio Lower Upper
75 100
77 30.6 24.1 36.1
39 43.5 36.7 55.1





#55
1,1,2-Trichloroethane
Concen: 47.459 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

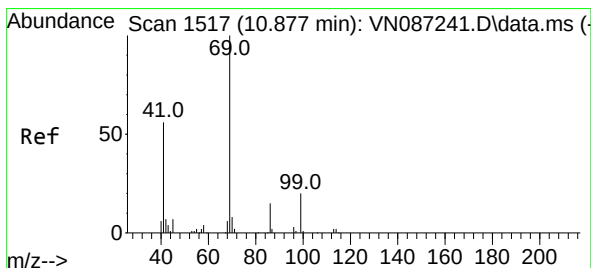
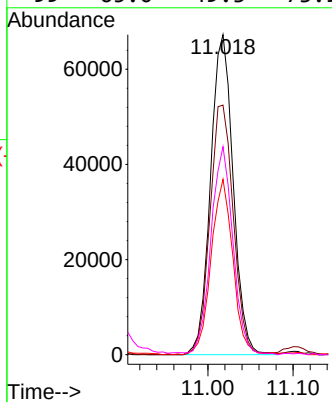
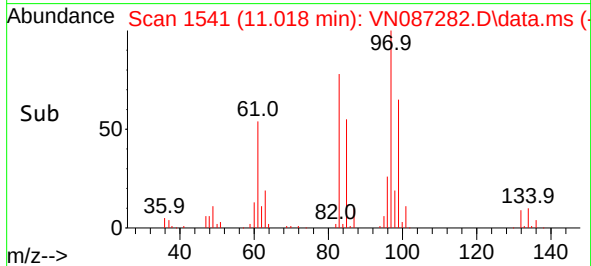
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



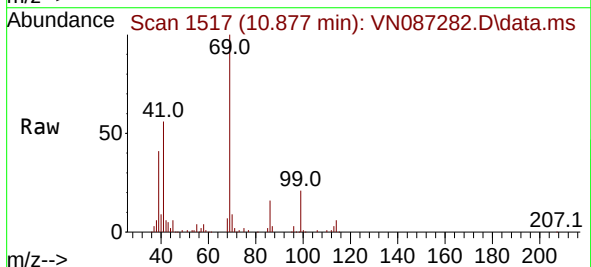
Tgt Ion: 97 Resp: 124162
Ion Ratio Lower Upper
97 100
83 78.0 67.4 101.2
85 54.5 43.6 65.4
99 65.0 49.3 73.9

Manual Integrations
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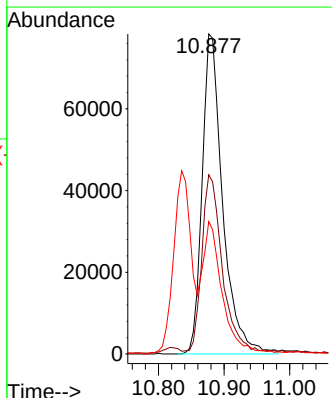
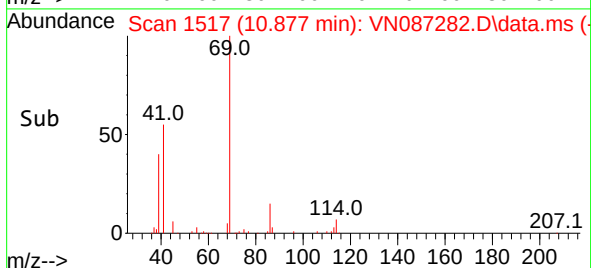
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

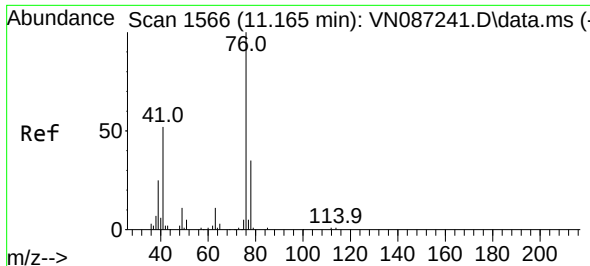


#56
Ethyl methacrylate
Concen: 44.581 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48



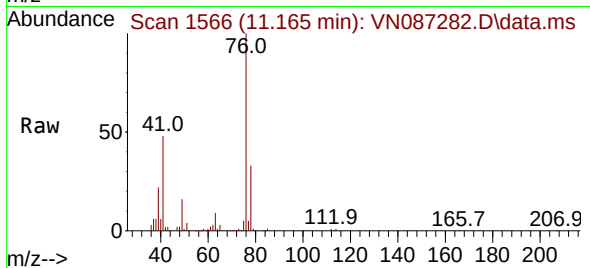
Tgt Ion: 69 Resp: 170876
Ion Ratio Lower Upper
69 100
41 54.6 44.2 66.4
39 38.6 29.5 44.3





#57
1,3-Dichloropropane
Concen: 46.542 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

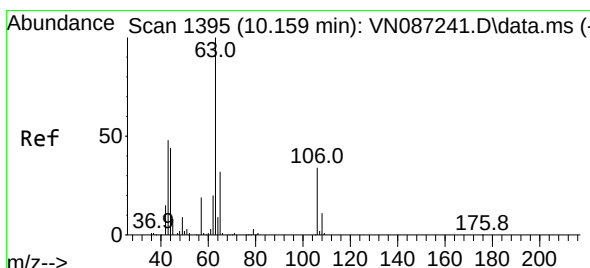
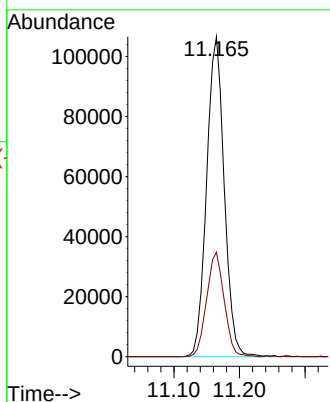
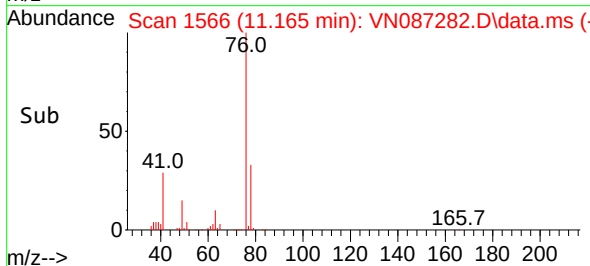
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 198733
Ion Ratio Lower Upper
76 100
78 32.5 27.1 40.7

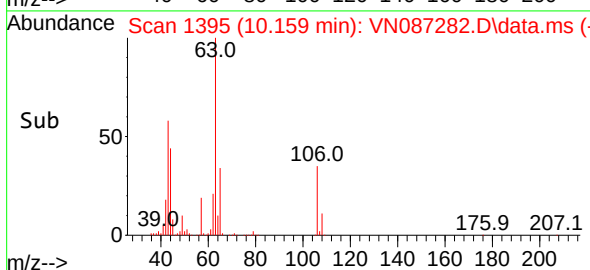
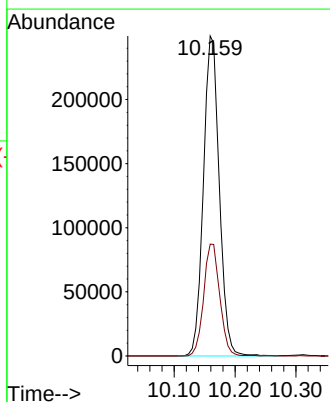
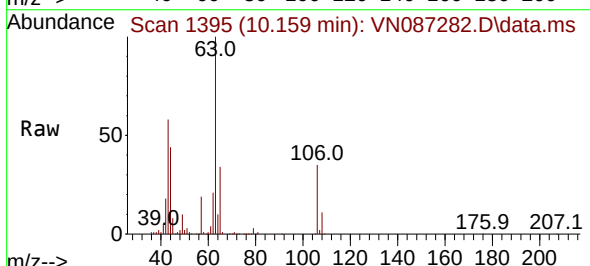
Manual Integrations
APPROVED

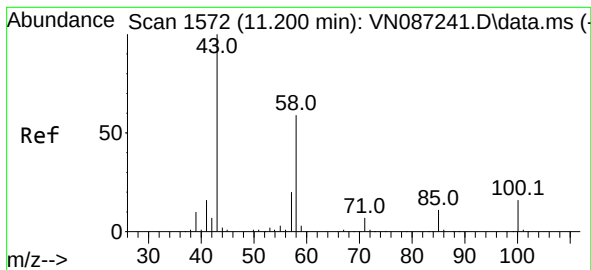
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#58
2-Chloroethyl Vinyl ether
Concen: 223.271 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

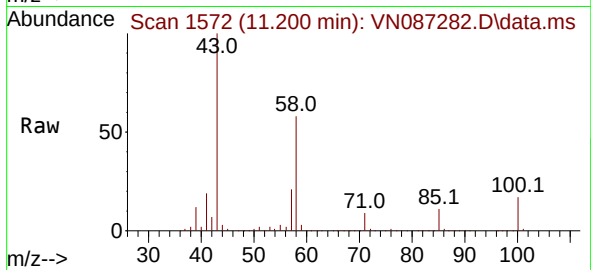
Tgt Ion: 63 Resp: 452295
Ion Ratio Lower Upper
63 100
106 35.4 26.9 40.3





#59
2-Hexanone
Concen: 222.236 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

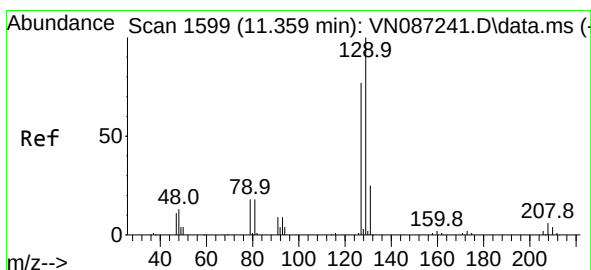
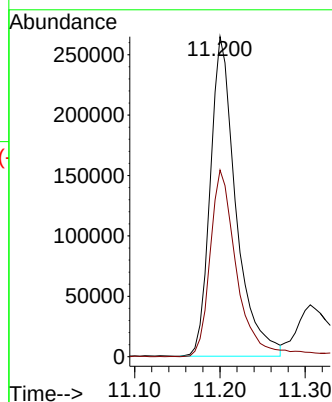
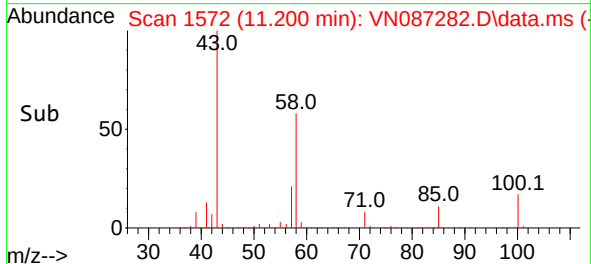
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 553462
Ion Ratio Lower Upper
43 100
58 61.6 31.1 93.3

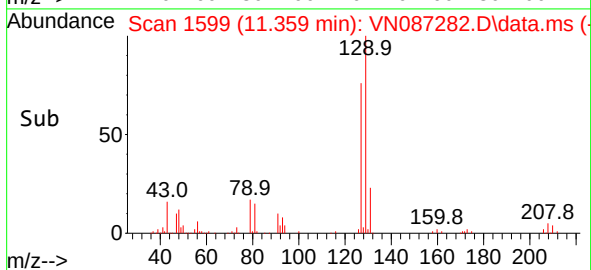
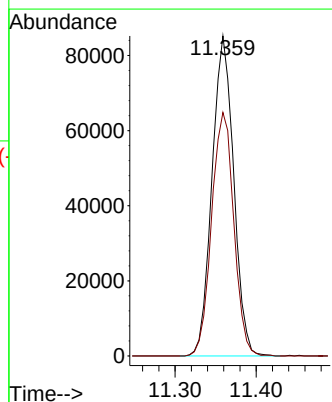
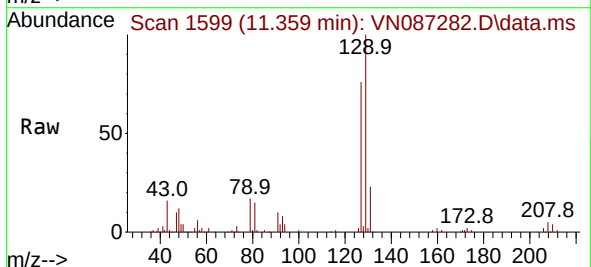
Manual Integrations
APPROVED

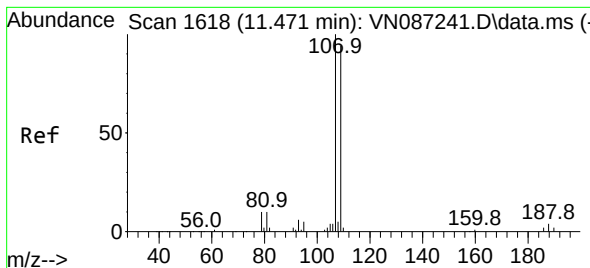
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#60
Dibromochloromethane
Concen: 51.189 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

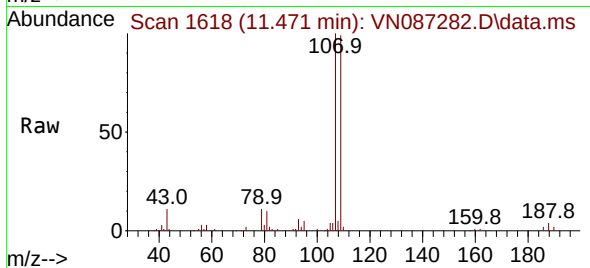
Tgt Ion:129 Resp: 157867
Ion Ratio Lower Upper
129 100
127 78.0 39.3 117.9





#61
1,2-Dibromoethane
Concen: 48.712 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

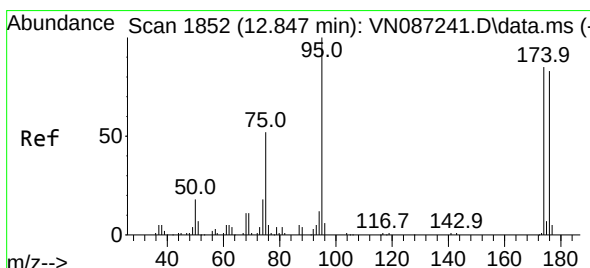
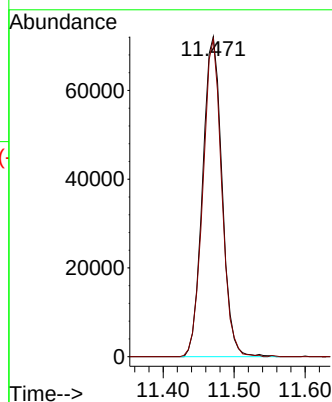
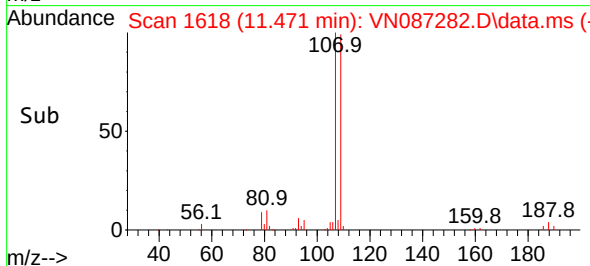
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



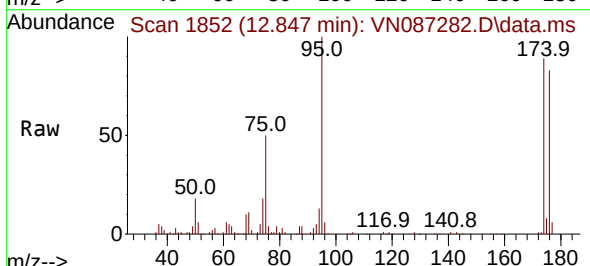
Tgt Ion:107 Resp: 137085
Ion Ratio Lower Upper
107 100
109 96.0 76.0 114.0

Manual Integrations
APPROVED

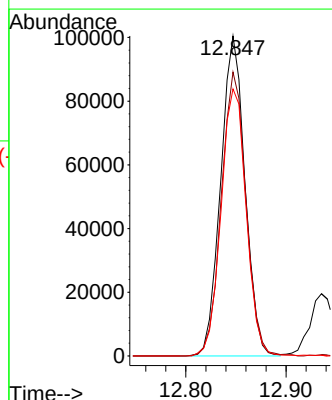
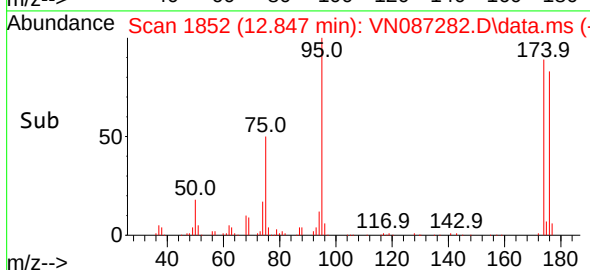
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

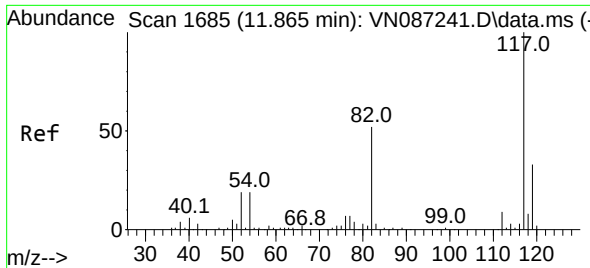


#62
4-Bromofluorobenzene
Concen: 48.521 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48



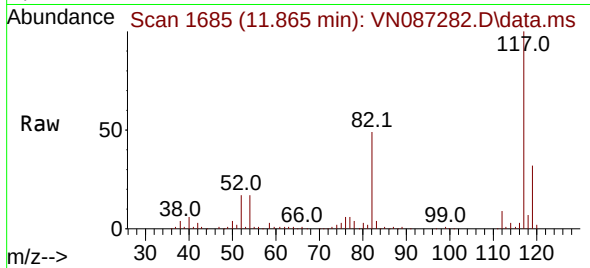
Tgt Ion: 95 Resp: 168668
Ion Ratio Lower Upper
95 100
174 90.2 0.0 169.6
176 86.5 0.0 161.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

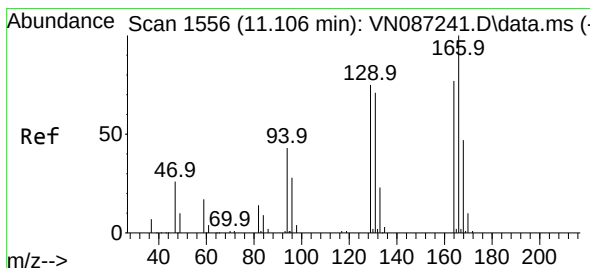
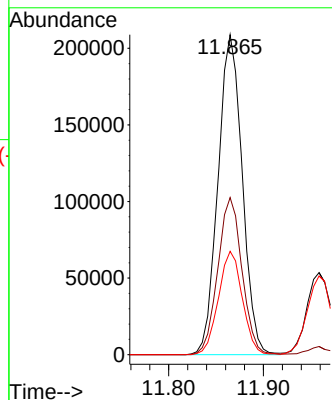
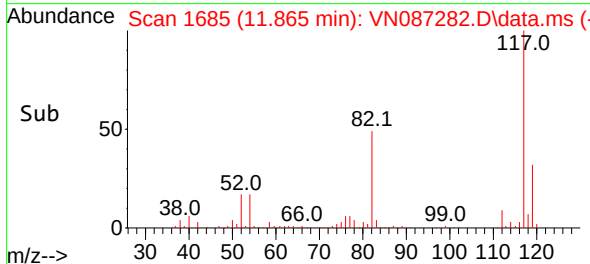
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



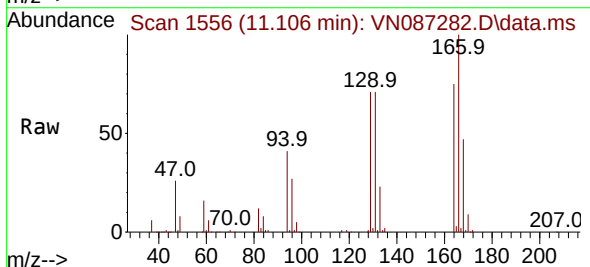
Tgt Ion:117 Resp: 37194
Ion Ratio Lower Upper
117 100
82 49.1 41.9 62.9
119 32.3 26.2 39.4

Manual Integrations
APPROVED

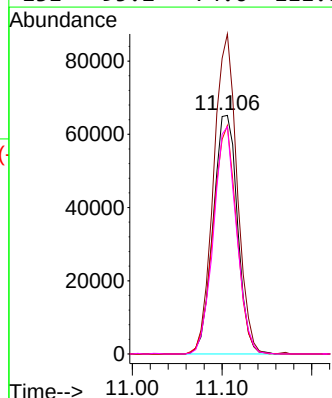
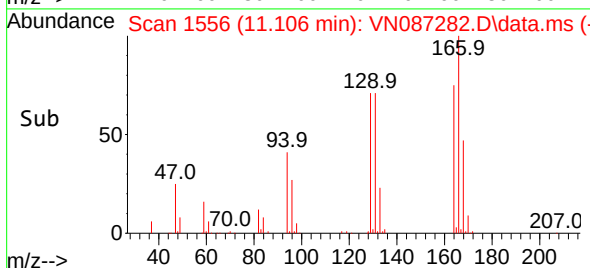
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

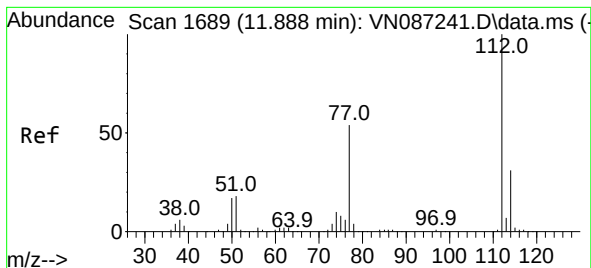


#64
Tetrachloroethene
Concen: 49.479 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48



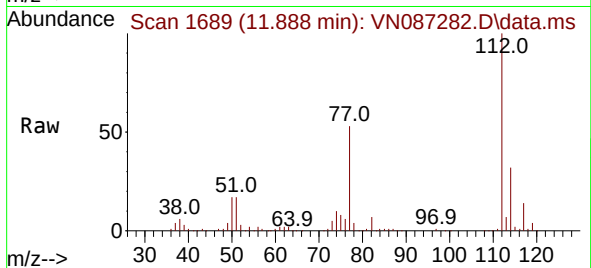
Tgt Ion:164 Resp: 122707
Ion Ratio Lower Upper
164 100
166 134.1 104.3 156.5
129 95.8 78.5 117.7
131 95.2 74.6 111.8





#65
Chlorobenzene
Concen: 47.768 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

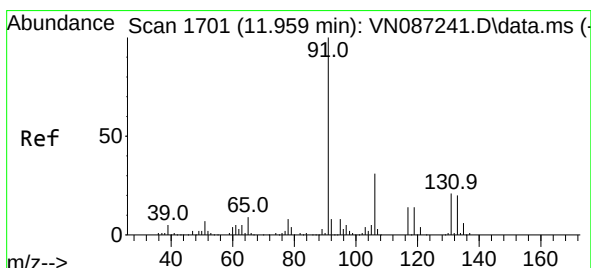
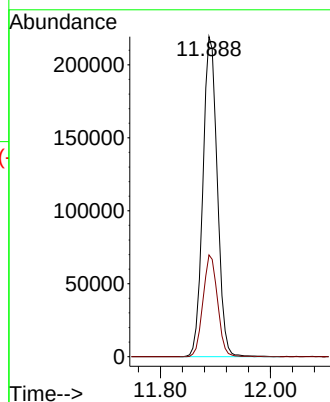
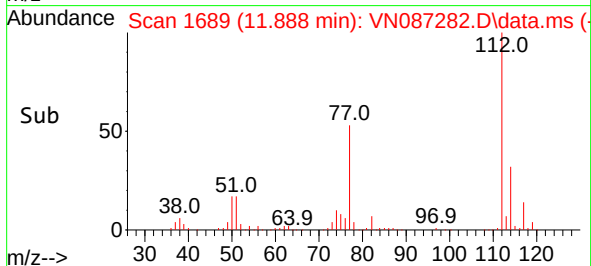
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 39867
Ion Ratio Lower Upper
112 100
114 31.8 24.4 36.6

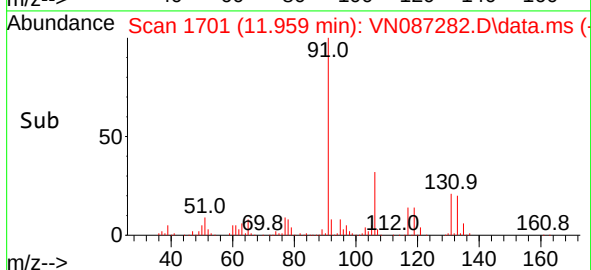
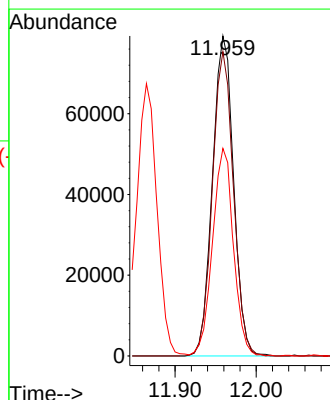
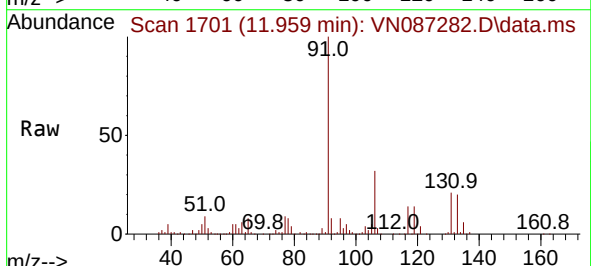
Manual Integrations
APPROVED

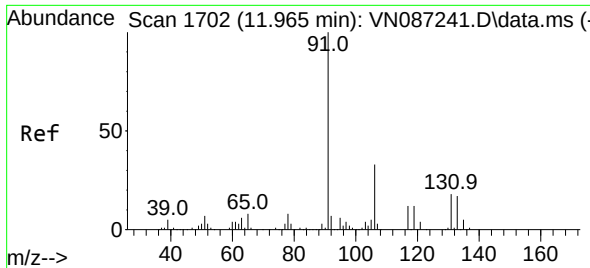
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 49.704 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

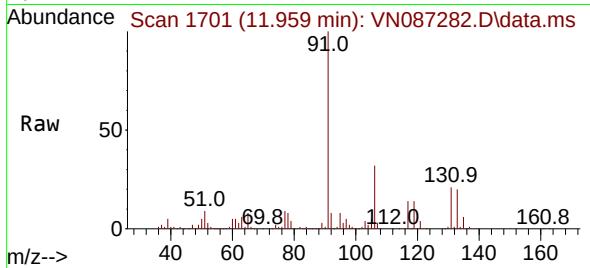
Tgt Ion:131 Resp: 143237
Ion Ratio Lower Upper
131 100
133 94.8 47.2 141.6
119 64.2 32.4 97.2





#67
Ethyl Benzene
Concen: 47.785 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

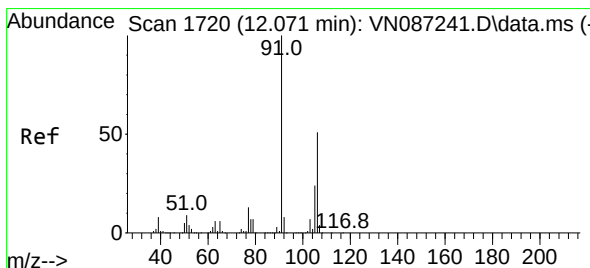
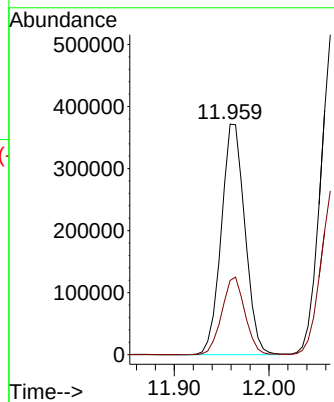
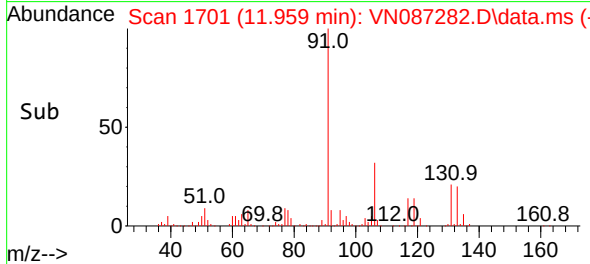
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



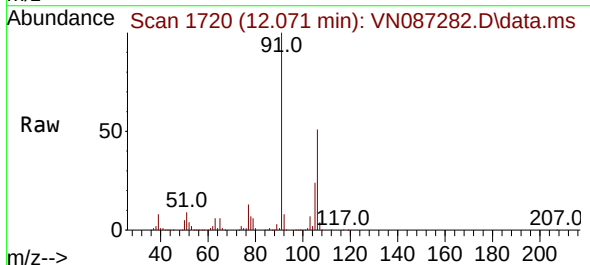
Tgt Ion: 91 Resp: 64533
Ion Ratio Lower Upper
91 100
106 32.2 26.2 39.4

Manual Integrations
APPROVED

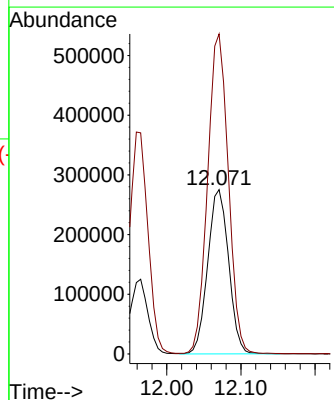
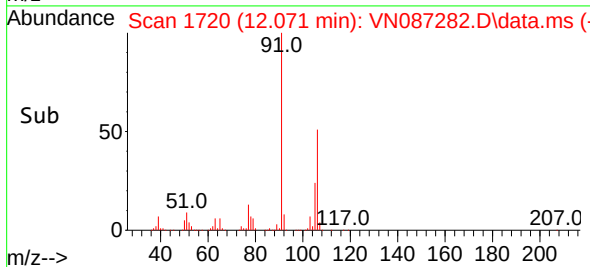
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

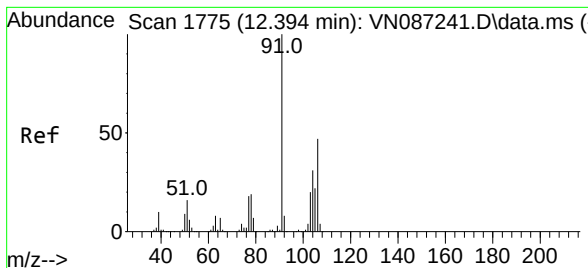


#68
m/p-Xylenes
Concen: 99.875 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48



Tgt Ion:106 Resp: 538895
Ion Ratio Lower Upper
106 100
91 193.2 158.2 237.2





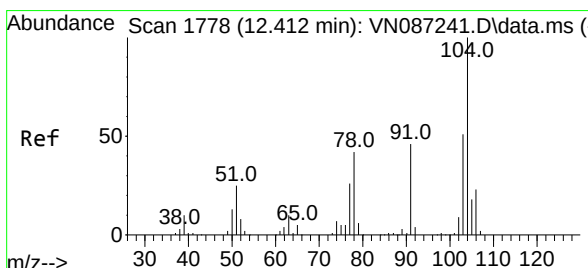
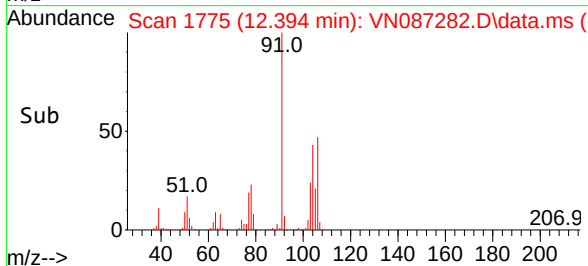
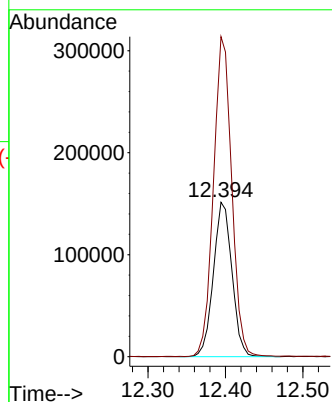
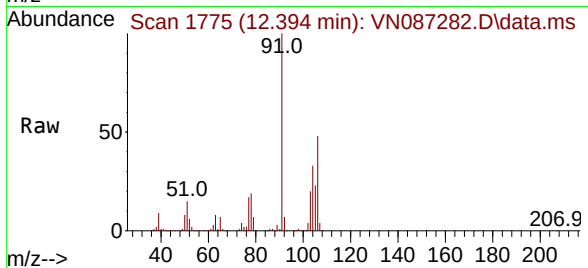
#69
o-Xylene
Concen: 49.913 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 251920
Ion Ratio Lower Upper
106 100
91 204.0 105.4 316.1

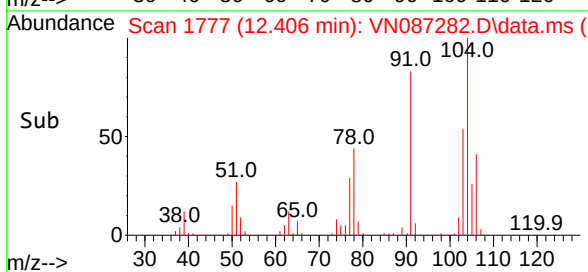
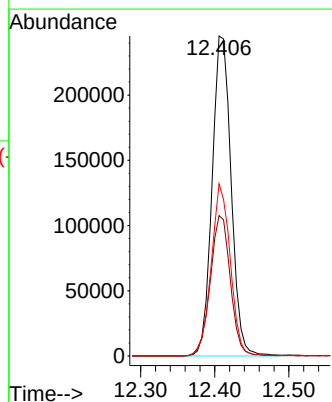
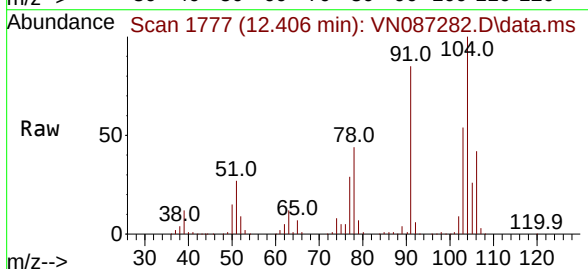
Manual Integrations
APPROVED

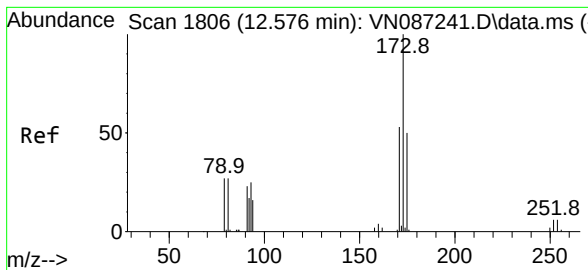
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#70
Styrene
Concen: 51.053 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

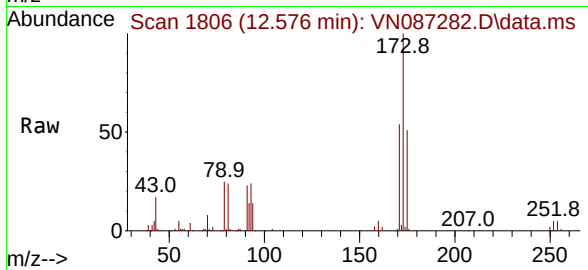
Tgt Ion:104 Resp: 437928
Ion Ratio Lower Upper
104 100
78 46.3 37.6 56.4
103 53.7 44.0 66.0





#71
Bromoform
Concen: 53.431 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

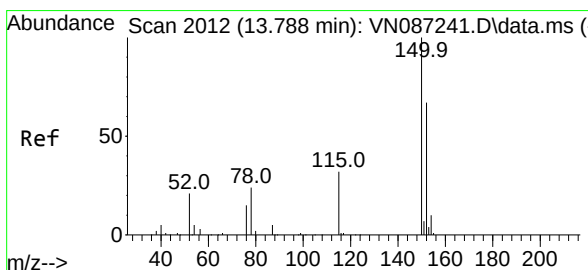
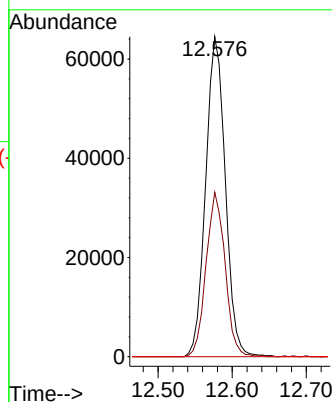
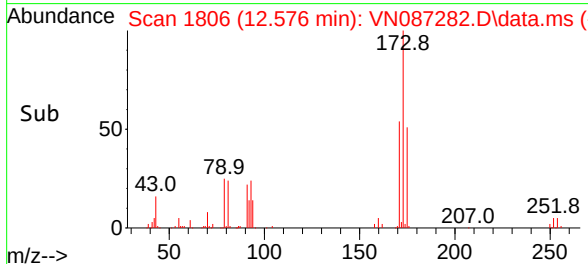
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



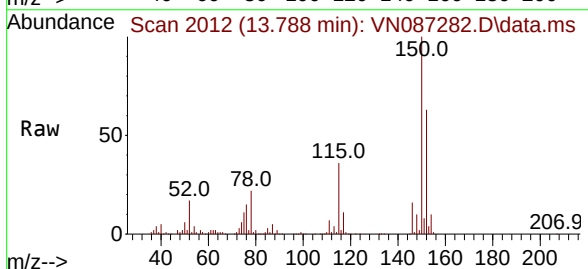
Tgt Ion:173 Resp: 118793
Ion Ratio Lower Upper
173 100
175 49.8 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

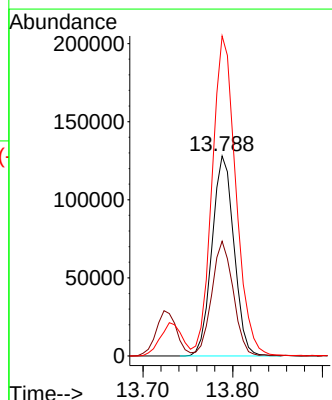
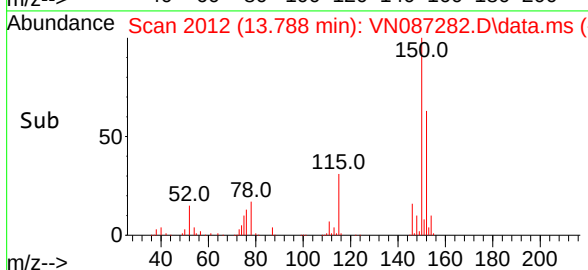
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

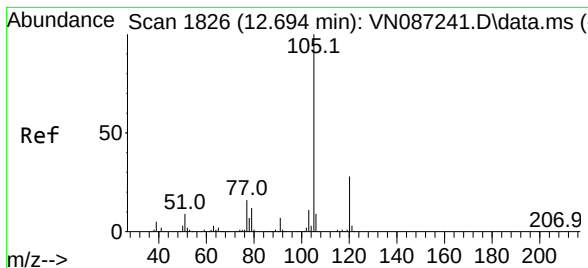


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48



Tgt Ion:152 Resp: 217810
Ion Ratio Lower Upper
152 100
115 55.9 28.3 84.9
150 173.0 0.0 344.6





#73

Isopropylbenzene

Concen: 46.160 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN087282.D

Acq: 07 Jul 2025 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 647819

Ion Ratio Lower Upper

105 100

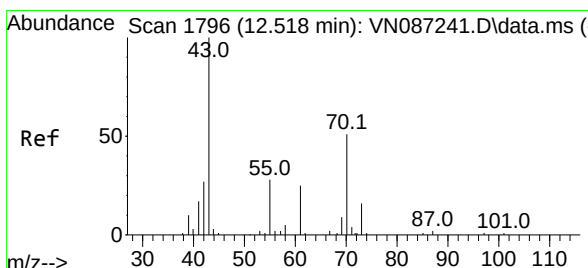
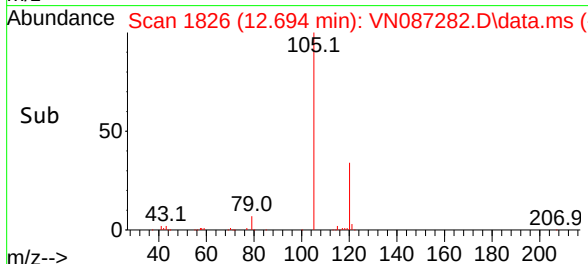
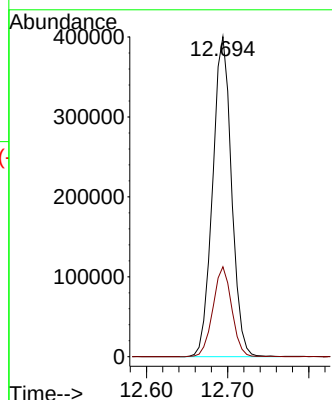
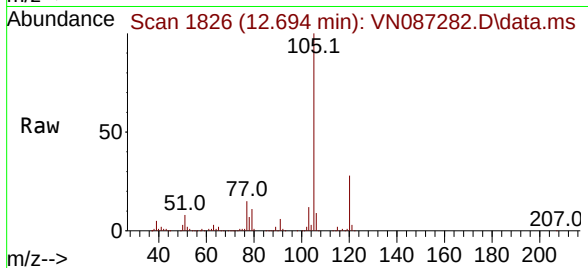
120 27.9 13.9 41.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2025

Supervised By :Mahesh Dadoda 07/08/2025



#74

N-ethyl acetate

Concen: 41.377 ug/l m

RT: 12.512 min Scan# 1795

Delta R.T. -0.006 min

Lab File: VN087282.D

Acq: 07 Jul 2025 09:48

Tgt Ion: 43 Resp: 190961

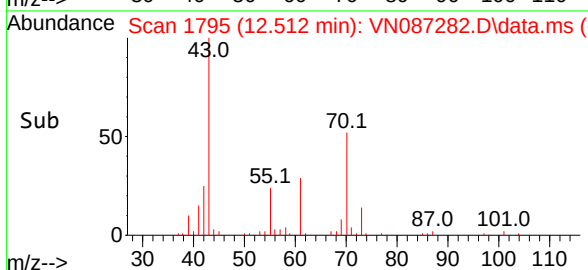
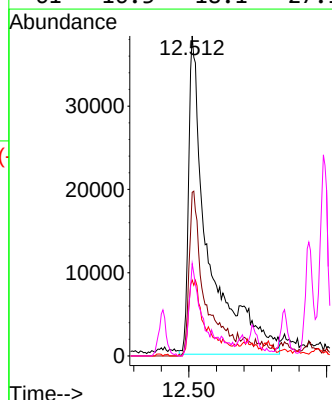
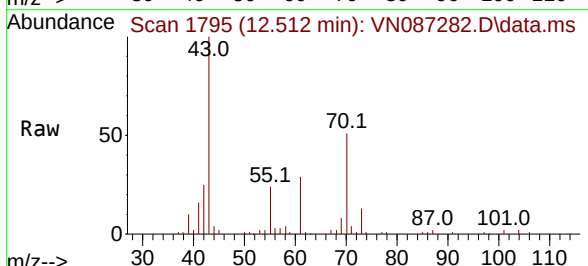
Ion Ratio Lower Upper

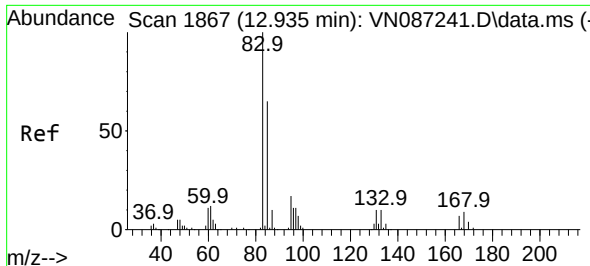
43 100

70 40.6 29.2 43.8

55 18.8 17.0 25.4

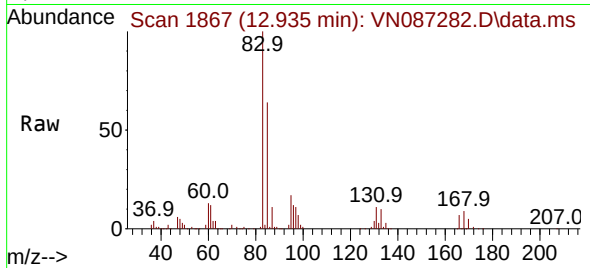
61 16.3 18.1 27.1#





#75
1,1,2,2-Tetrachloroethane
Concen: 41.324 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

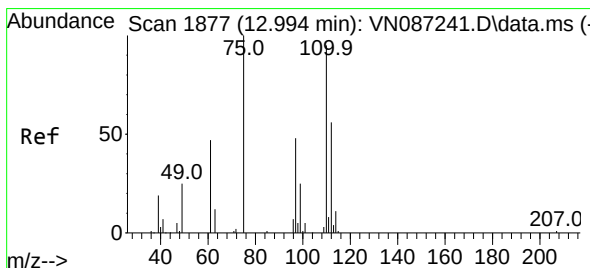
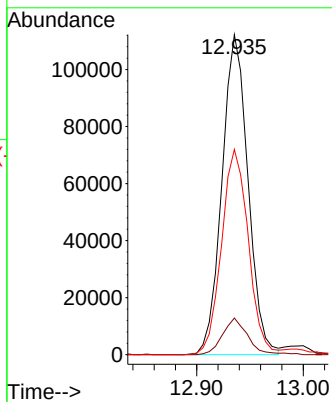
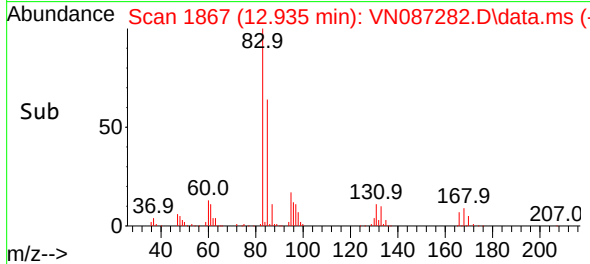
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



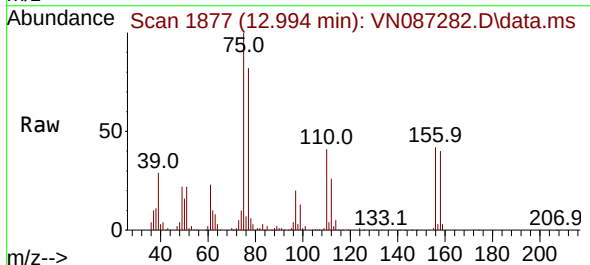
Tgt Ion: 83 Resp: 190764
Ion Ratio Lower Upper
83 100
131 11.1 5.3 15.9
85 65.8 32.2 96.6

Manual Integrations
APPROVED

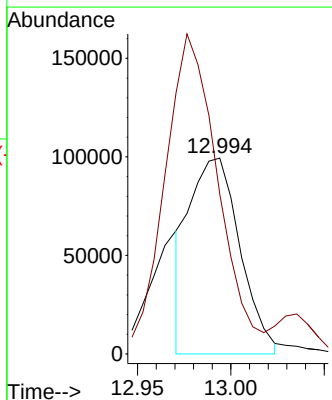
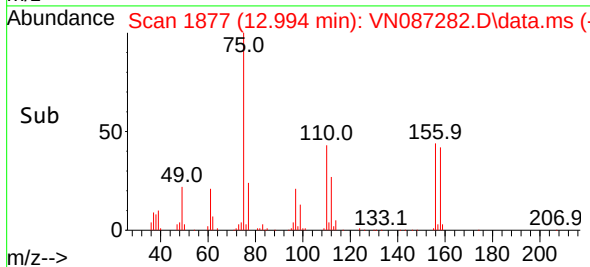
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

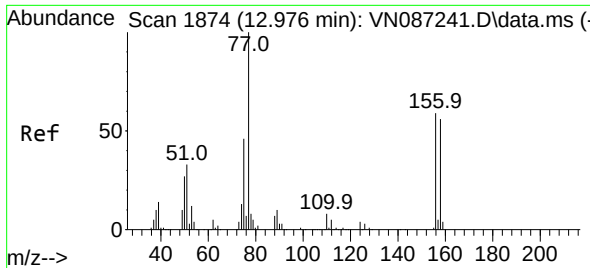


#76
1,2,3-Trichloropropane
Concen: 45.124 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48



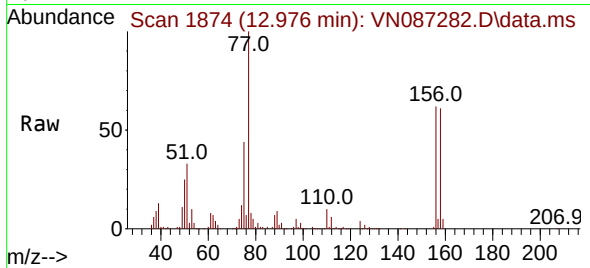
Tgt Ion: 75 Resp: 186943
Ion Ratio Lower Upper
75 100
77 172.8 82.0 245.8





#77
Bromobenzene
Concen: 48.218 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

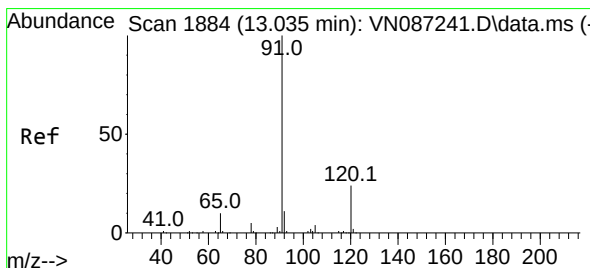
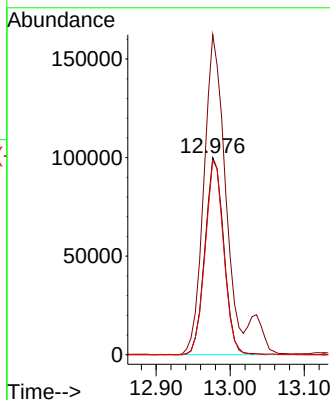
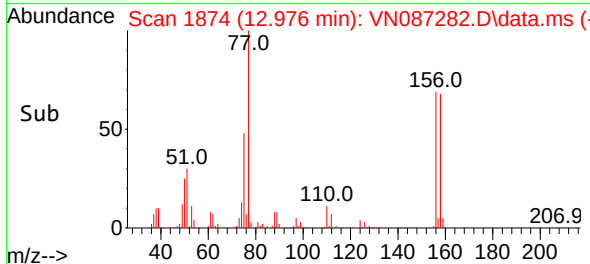
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 176649
Ion Ratio Lower Upper
156 100
77 182.9 98.0 294.1
158 97.2 47.7 143.1

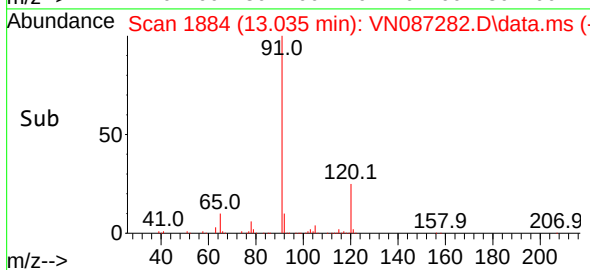
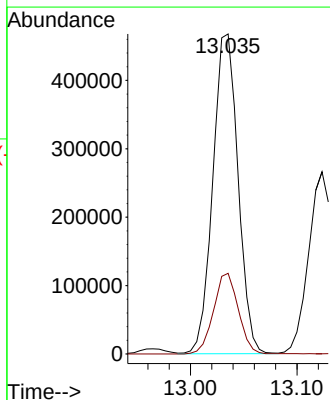
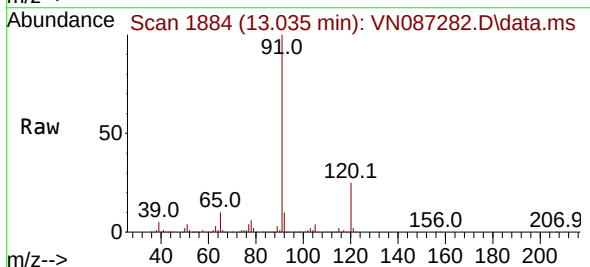
Manual Integrations
APPROVED

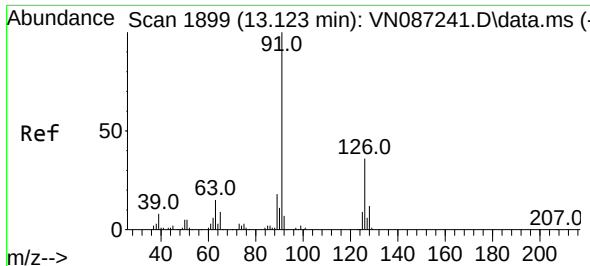
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#78
n-propylbenzene
Concen: 45.325 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

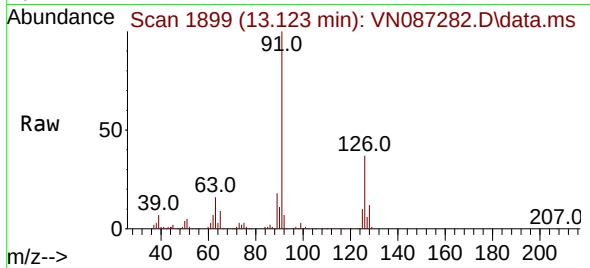
Tgt Ion: 91 Resp: 768377
Ion Ratio Lower Upper
91 100
120 24.7 12.0 36.0





#79
2-Chlorotoluene
Concen: 44.146 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

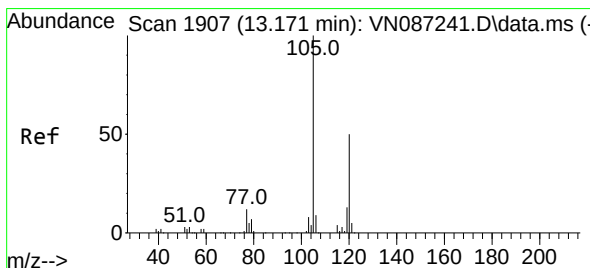
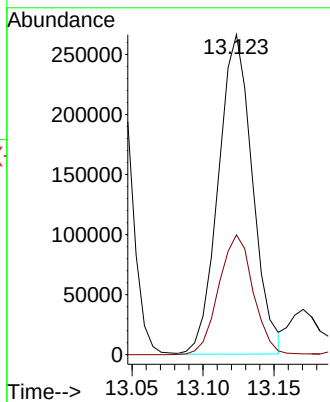
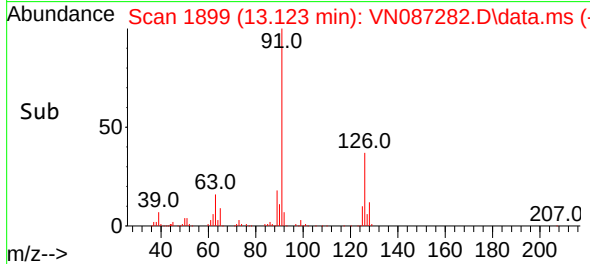
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



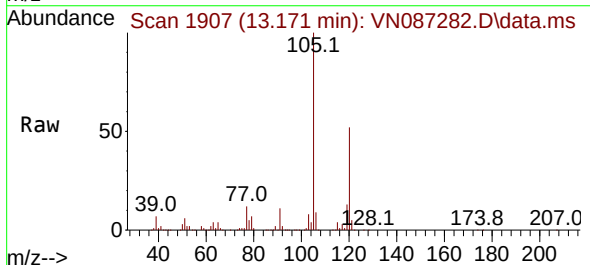
Tgt Ion: 91 Resp: 445398
Ion Ratio Lower Upper
91 100
126 37.8 17.8 53.3

Manual Integrations
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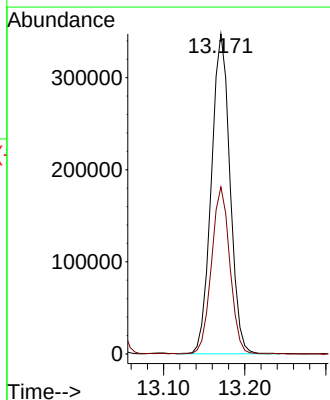
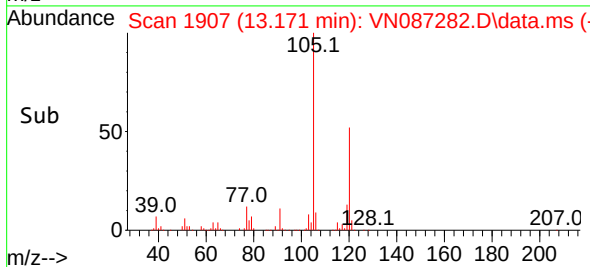
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

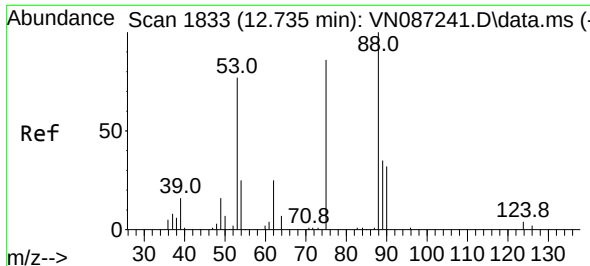


#80
1,3,5-Trimethylbenzene
Concen: 47.256 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48



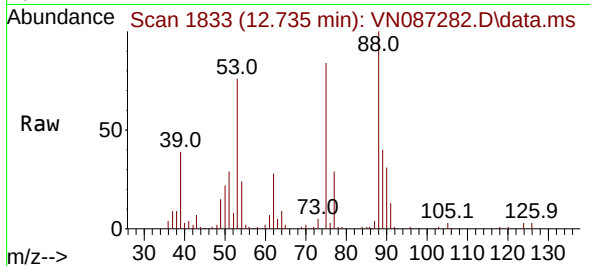
Tgt Ion:105 Resp: 554356
Ion Ratio Lower Upper
105 100
120 51.1 25.3 75.8





#81
trans-1,4-Dichloro-2-butene
Concen: 45.821 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

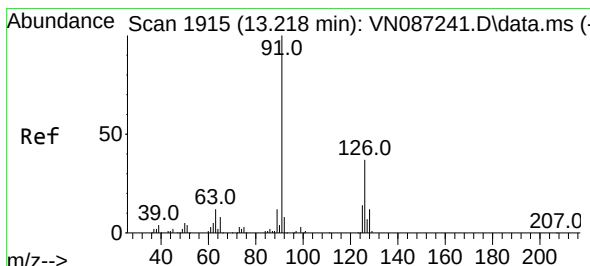
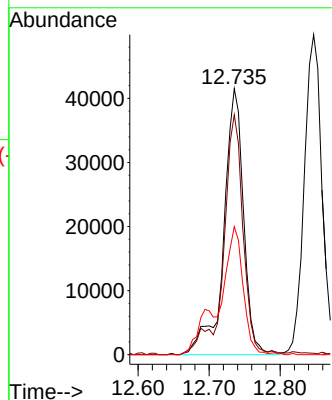
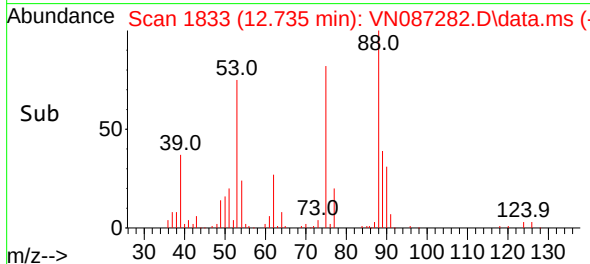
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



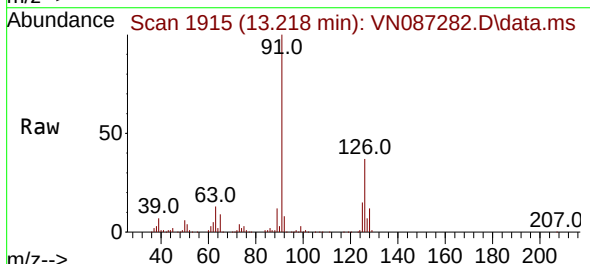
Tgt Ion: 75 Resp: 8081
Ion Ratio Lower Upper
75 100
53 88.3 70.6 105.8
89 45.2 36.1 54.1

Manual Integrations
APPROVED

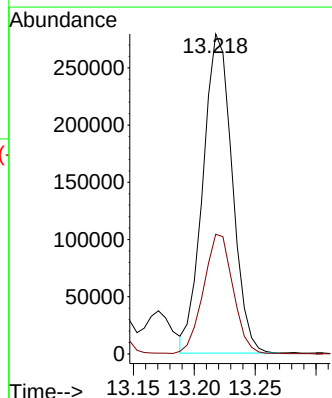
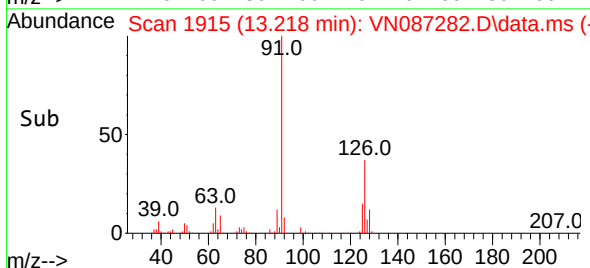
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

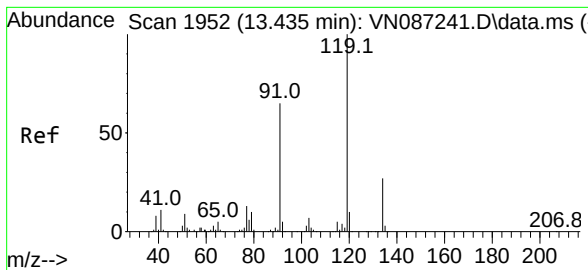


#82
4-Chlorotoluene
Concen: 44.250 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48



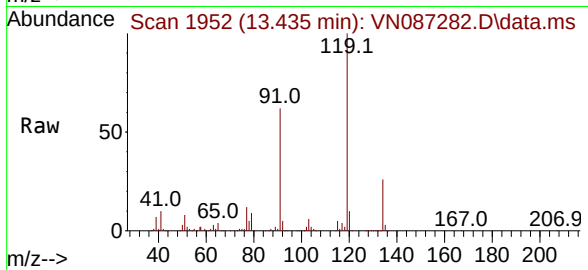
Tgt Ion: 91 Resp: 467338
Ion Ratio Lower Upper
91 100
126 38.2 18.2 54.6





#83
tert-Butylbenzene
Concen: 47.393 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

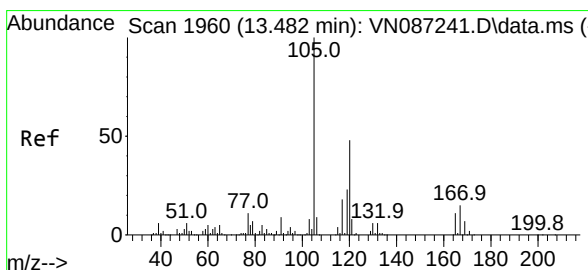
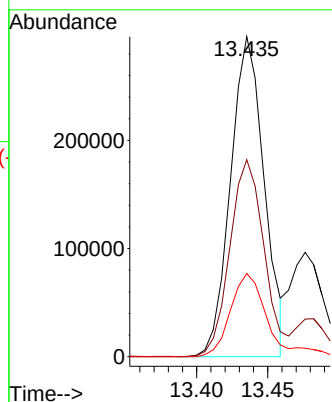
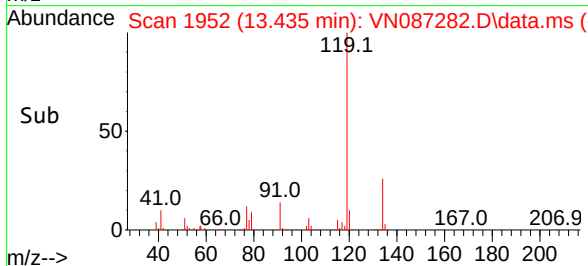
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



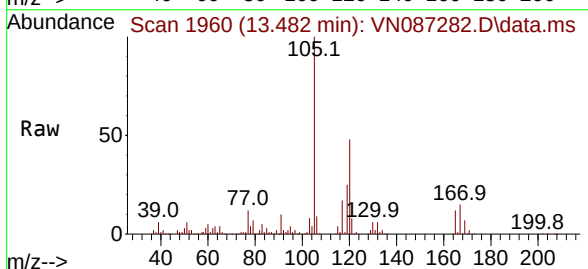
Tgt Ion:119 Resp: 487092
Ion Ratio Lower Upper
119 100
91 63.0 32.5 97.4
134 28.6 14.2 42.8

Manual Integrations
APPROVED

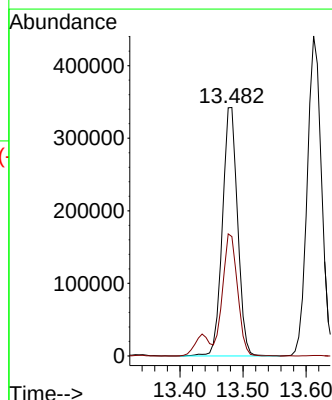
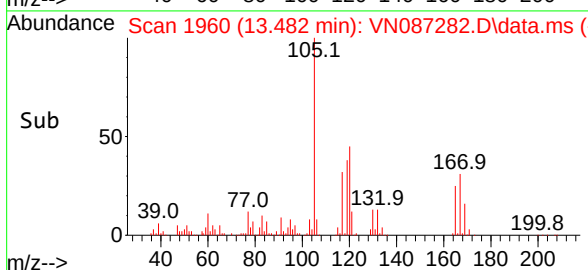
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

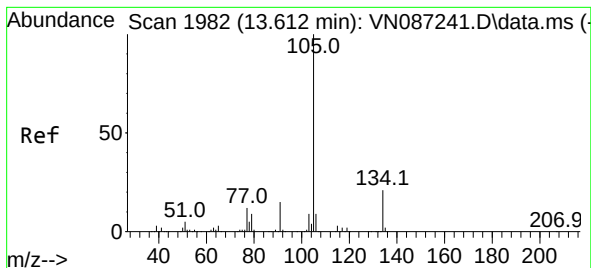


#84
1,2,4-Trimethylbenzene
Concen: 48.624 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48



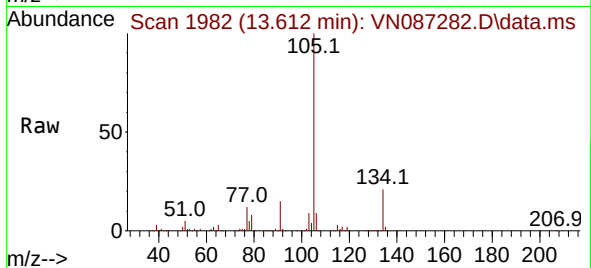
Tgt Ion:105 Resp: 571386
Ion Ratio Lower Upper
105 100
120 47.9 23.3 69.9





#85
 sec-Butylbenzene
 Concen: 47.524 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN087282.D
 Acq: 07 Jul 2025 09:48

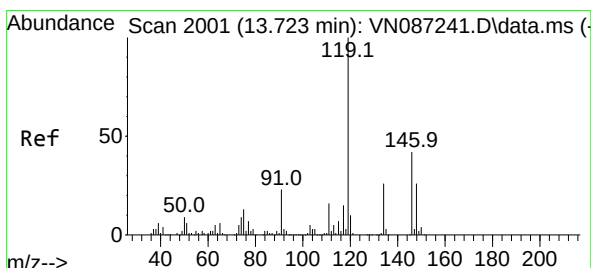
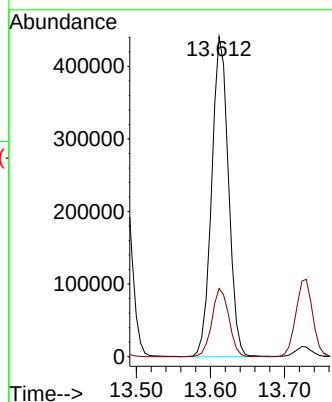
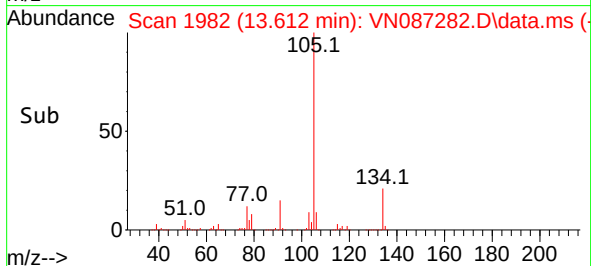
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



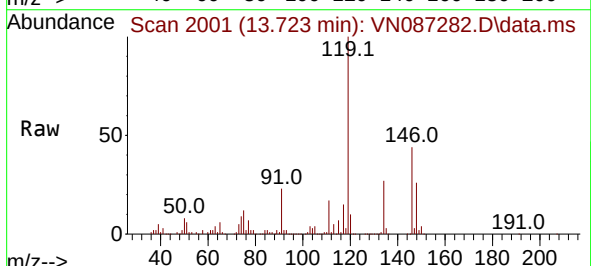
Tgt Ion:105 Resp: 692340
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.4 31.4

Manual Integrations
 APPROVED

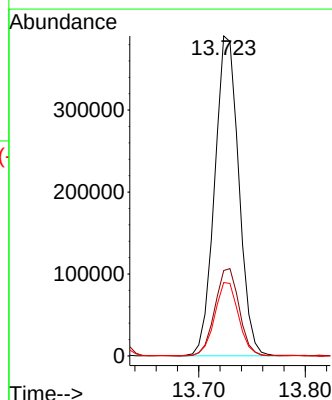
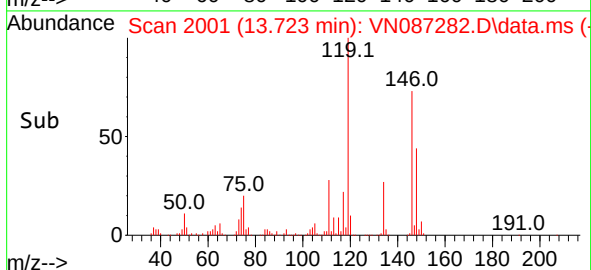
Reviewed By :John Carlone 07/08/2025
 Supervised By :Mahesh Dadoda 07/08/2025

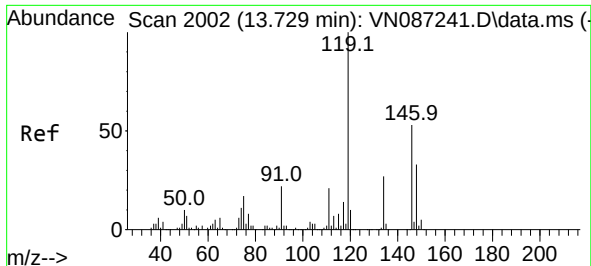


#86
 p-Isopropyltoluene
 Concen: 48.930 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN087282.D
 Acq: 07 Jul 2025 09:48



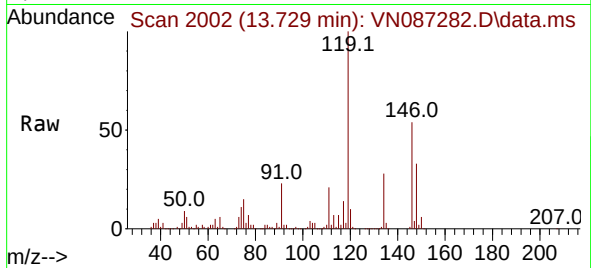
Tgt Ion:119 Resp: 612719
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.3 39.8
 91 22.6 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 47.947 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

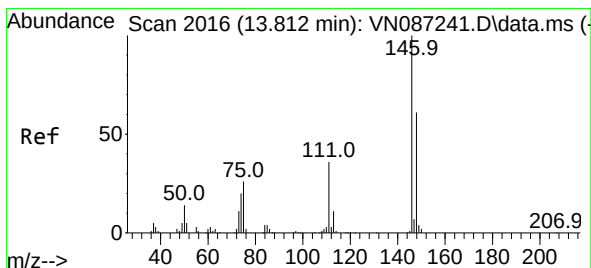
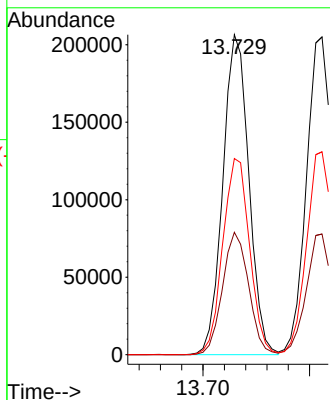
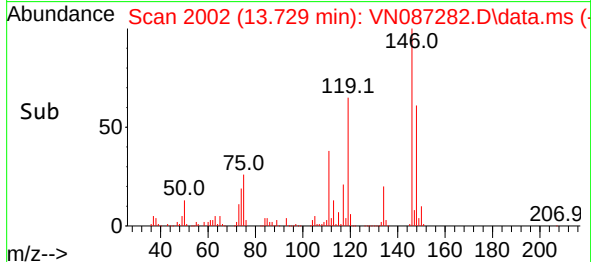
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



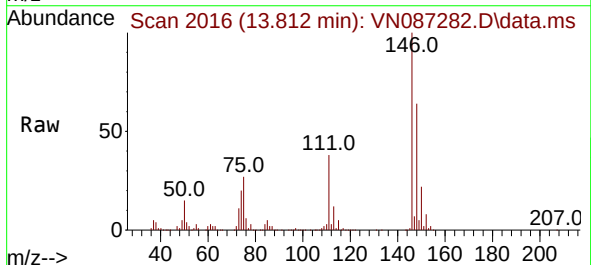
Tgt Ion:146 Resp: 349820
Ion Ratio Lower Upper
146 100
111 38.4 19.8 59.4
148 63.3 32.0 96.0

Manual Integrations
APPROVED

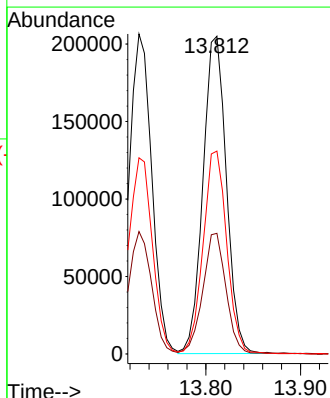
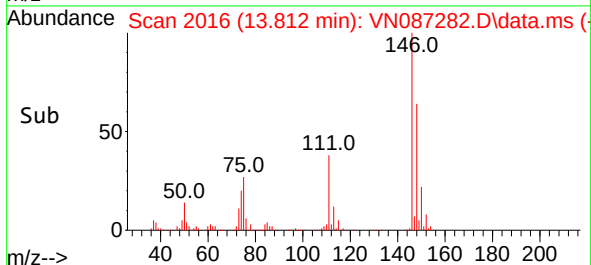
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

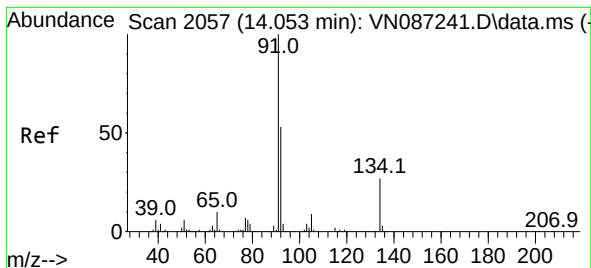


#88
1,4-Dichlorobenzene
Concen: 46.037 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48



Tgt Ion:146 Resp: 350705
Ion Ratio Lower Upper
146 100
111 37.4 19.1 57.5
148 64.6 31.8 95.3





#89

n-Butylbenzene

Concen: 46.244 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN087282.D

Acq: 07 Jul 2025 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

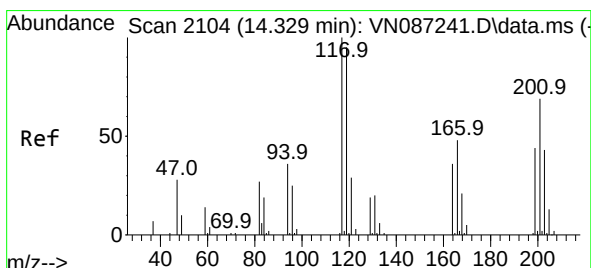
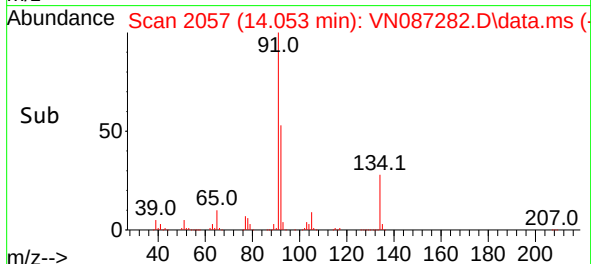
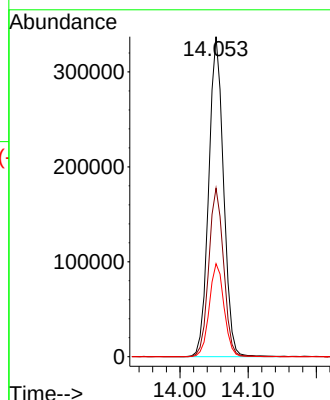
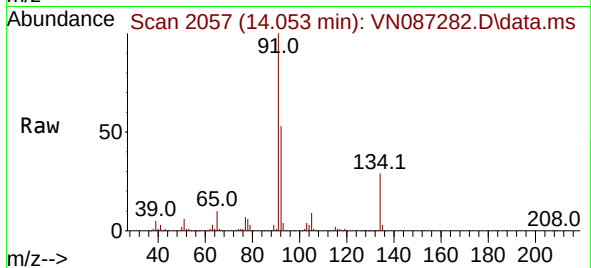
Tgt Ion: 91	Resp: 509850
Ion Ratio	Lower Upper
91	100
92	52.7 26.7 80.0
134	29.0 13.7 41.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2025

Supervised By :Mahesh Dadoda 07/08/2025



#90

Hexachloroethane

Concen: 46.466 ug/l

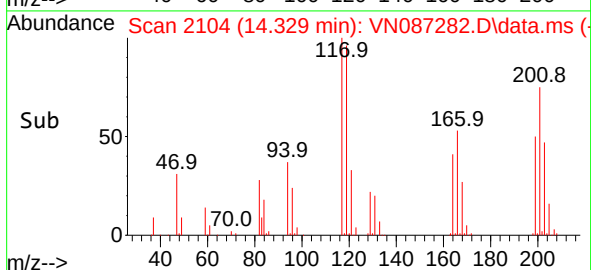
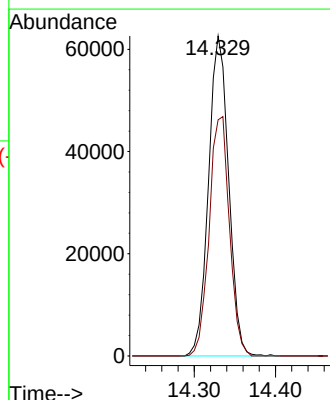
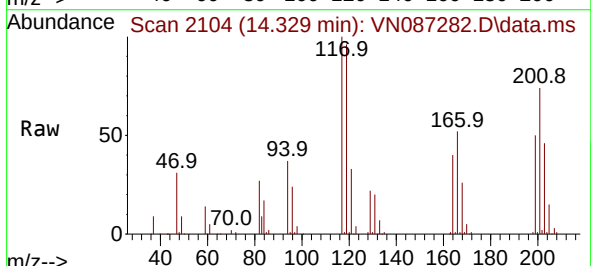
RT: 14.329 min Scan# 2104

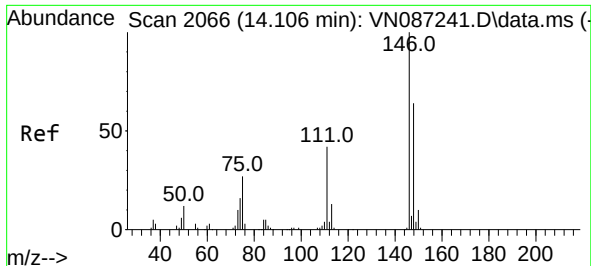
Delta R.T. 0.000 min

Lab File: VN087282.D

Acq: 07 Jul 2025 09:48

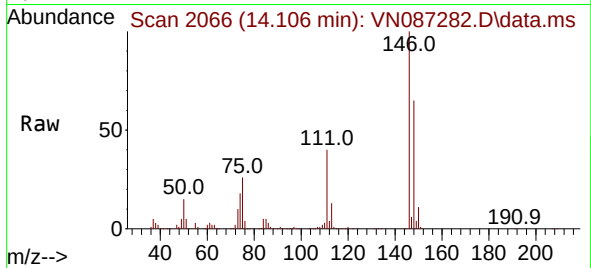
Tgt Ion: 117	Resp: 107702
Ion Ratio	Lower Upper
117	100
201	75.2 35.8 107.4





#91
1,2-Dichlorobenzene
Concen: 48.034 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

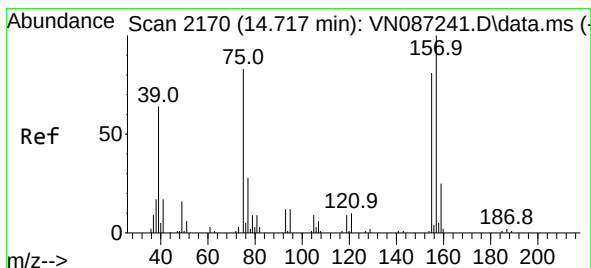
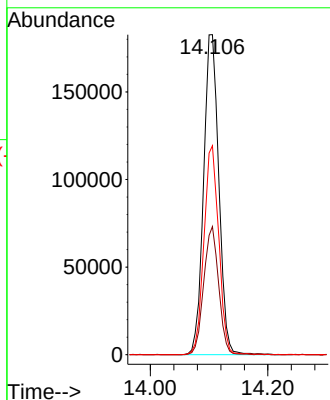
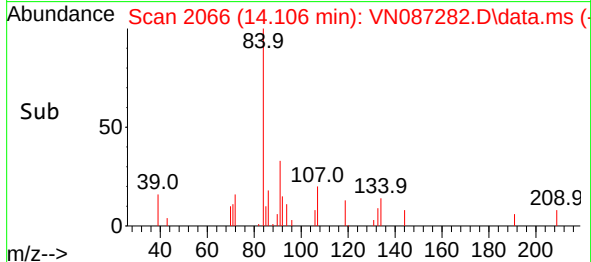
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 327754
Ion Ratio Lower Upper
146 100
111 39.2 20.5 61.6
148 63.6 31.4 94.3

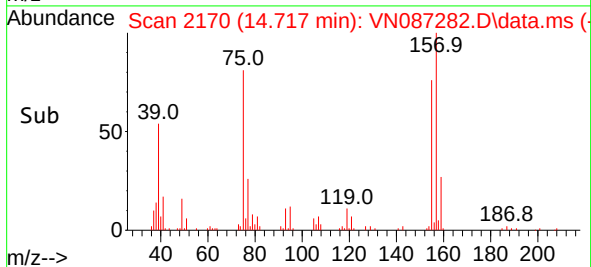
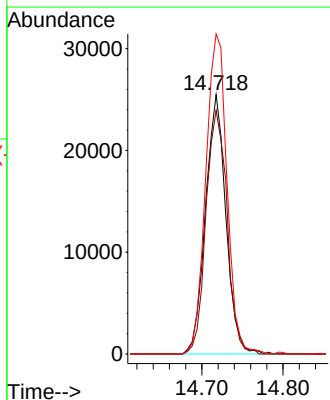
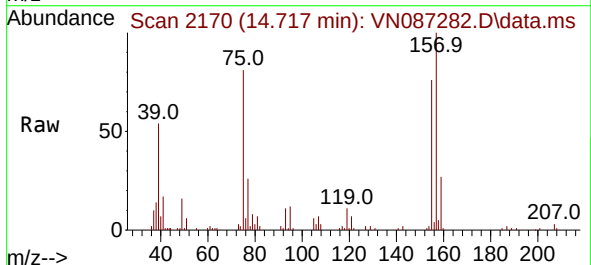
Manual Integrations
APPROVED

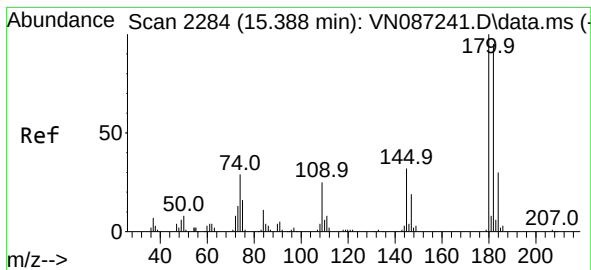
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 40.250 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

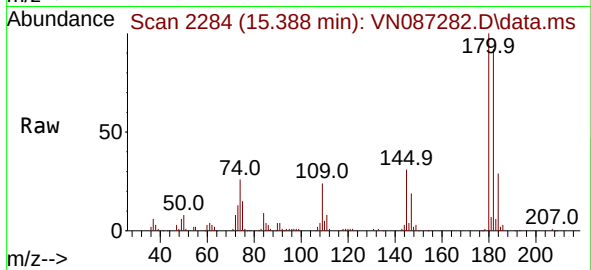
Tgt Ion: 75 Resp: 44652
Ion Ratio Lower Upper
75 100
155 96.2 46.8 140.3
157 127.4 58.1 174.4





#93
1,2,4-Trichlorobenzene
Concen: 46.084 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

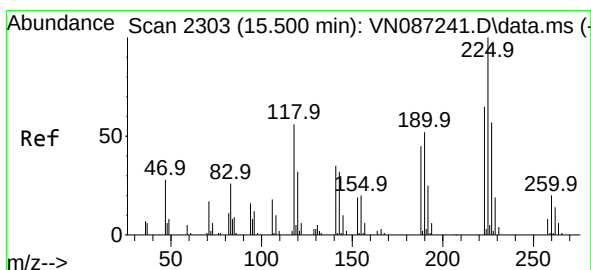
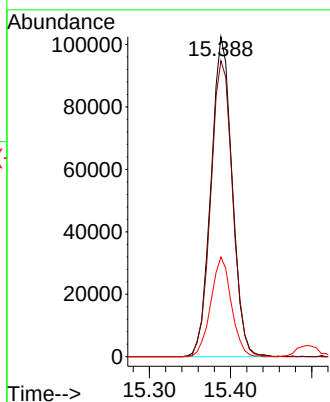
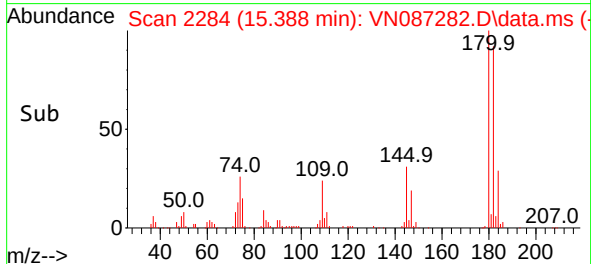
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 185940
Ion Ratio Lower Upper
180 100
182 95.2 48.0 144.0
145 30.2 15.4 46.2

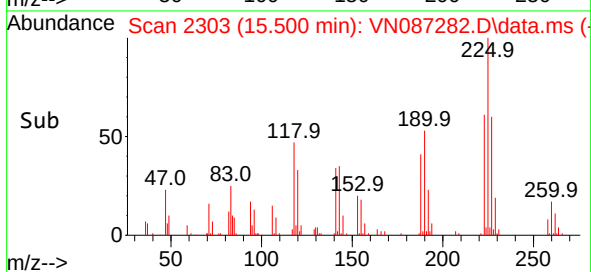
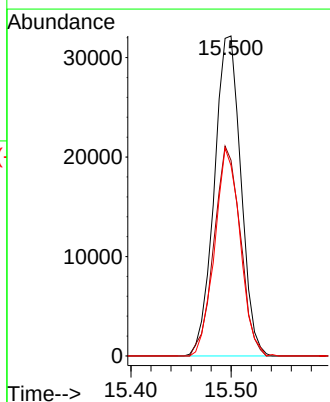
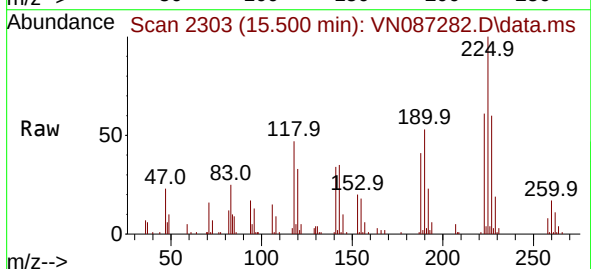
Manual Integrations
APPROVED

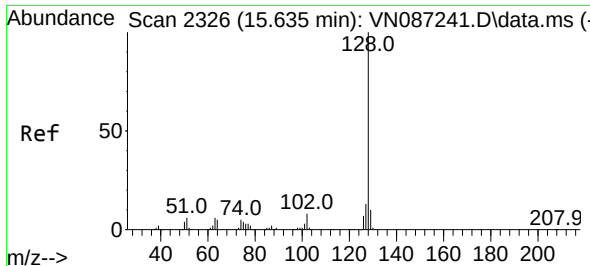
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#94
Hexachlorobutadiene
Concen: 46.213 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

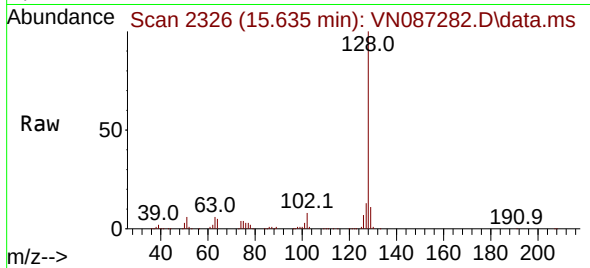
Tgt Ion:225 Resp: 59234
Ion Ratio Lower Upper
225 100
223 64.9 33.5 100.4
227 62.4 30.9 92.7





#95
Naphthalene
Concen: 44.669 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48

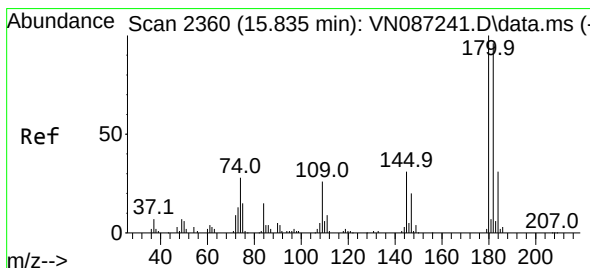
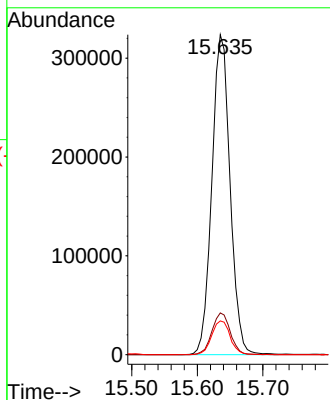
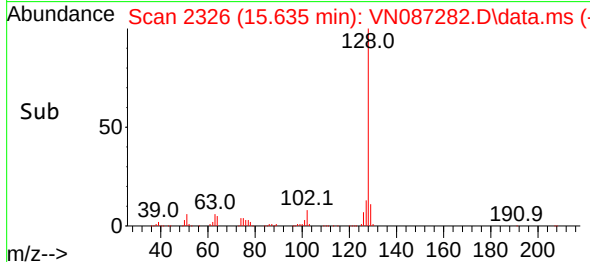
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



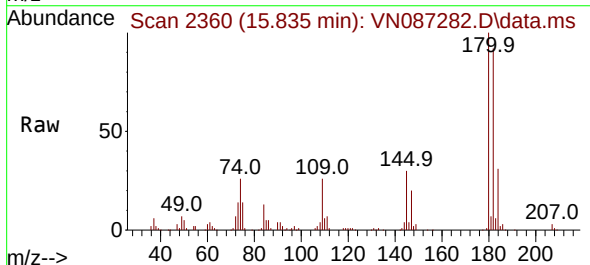
Tgt Ion:128 Resp: 623569
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#96
1,2,3-Trichlorobenzene
Concen: 46.283 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN087282.D
Acq: 07 Jul 2025 09:48



Tgt Ion:180 Resp: 181940
Ion Ratio Lower Upper
180 100
182 94.6 47.7 143.1
145 31.5 15.7 47.1

