

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082525\
 Data File : VX047520.D
 Acq On : 25 Aug 2025 16:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/26/2025
 Supervised By : Mahesh Dadoda 08/26/2025

Quant Time: Aug 26 00:39:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	220804	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	392597	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	371979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	193545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	179975	58.240	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 116.480%			
35) Dibromofluoromethane	5.385	113	134296	52.707	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.420%			
50) Toluene-d8	8.647	98	447973	49.189	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.380%			
62) 4-Bromofluorobenzene	11.079	95	184716	54.963	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	124568	44.256	ug/l	98
3) Chloromethane	1.313	50	112253	44.332	ug/l	99
4) Vinyl Chloride	1.392	62	145856	45.893	ug/l	99
5) Bromomethane	1.624	94	65387	50.935	ug/l	99
6) Chloroethane	1.703	64	89583	46.069	ug/l	95
7) Trichlorofluoromethane	1.904	101	216053	45.958	ug/l	97
8) Diethyl Ether	2.142	74	85805	51.836	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	128164	46.998	ug/l	99
10) Methyl Iodide	2.465	142	158508	33.918	ug/l	97
11) Tert butyl alcohol	2.959	59	76919	286.123	ug/l	98
12) 1,1-Dichloroethene	2.331	96	130777	47.040	ug/l	99
13) Acrolein	2.245	56	153057	269.708	ug/l	99
14) Allyl chloride	2.678	41	242222	50.163	ug/l	99
15) Acrylonitrile	3.075	53	352582	271.417	ug/l	99
16) Acetone	2.392	43	323609	278.600	ug/l	99
17) Carbon Disulfide	2.526	76	348629	41.557	ug/l	100
18) Methyl Acetate	2.709	43	185135	61.506	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	452356	53.485	ug/l	99
20) Methylene Chloride	2.800	84	158586	51.559	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	141232	47.864	ug/l	100
22) Diisopropyl ether	3.764	45	517847	54.255	ug/l	89
23) Vinyl Acetate	3.727	43	2080645	265.955	ug/l	99
24) 1,1-Dichloroethane	3.617	63	276962	51.337	ug/l	99
25) 2-Butanone	4.562	43	433239	284.789	ug/l	98
26) 2,2-Dichloropropane	4.483	77	205244	50.405	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	174523	50.781	ug/l	98
28) Bromochloromethane	4.904	49	125600	55.947	ug/l	98
29) Tetrahydrofuran	5.013	42	264424	268.928	ug/l	98
30) Chloroform	5.099	83	280580	50.960	ug/l	98
31) Cyclohexane	5.477	56	213489	42.928	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	227507	48.006	ug/l	99
36) 1,1-Dichloropropene	5.696	75	180860	44.965	ug/l	99
37) Ethyl Acetate	4.715	43	184552	44.197	ug/l	96
38) Carbon Tetrachloride	5.678	117	196010	44.595	ug/l	99
39) Methylcyclohexane	7.385	83	204540	40.769	ug/l	97
40) Benzene	6.044	78	577869	47.999	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	87746	49.832	ug/l	97
42) 1,2-Dichloroethane	6.086	62	208776	48.958	ug/l	99
43) Isopropyl Acetate	6.342	43	297640	49.617	ug/l	99
44) Trichloroethene	7.129	130	140242	45.493	ug/l	96
45) 1,2-Dichloropropane	7.427	63	148806	49.338	ug/l	99
46) Dibromomethane	7.580	93	108161	49.397	ug/l	97
47) Bromodichloromethane	7.818	83	224678	49.496	ug/l	97
48) Methyl methacrylate	7.690	41	156876	50.382	ug/l	99
49) 1,4-Dioxane	7.677	88	35806	1182.916	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	877438	254.182	ug/l	99
52) Toluene	8.714	92	349569	46.989	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	205654	51.910	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	227612	50.758	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	142577	50.478	ug/l	99
56) Ethyl methacrylate	9.116	69	210777	50.614	ug/l	99
57) 1,3-Dichloropropane	9.305	76	237286	49.301	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	461585	232.721	ug/l	99
59) 2-Hexanone	9.427	43	600041	251.291	ug/l	99
60) Dibromochloromethane	9.519	129	167378	49.863	ug/l	100
61) 1,2-Dibromoethane	9.604	107	142118	48.793	ug/l	99
64) Tetrachloroethene	9.269	164	111051	41.274	ug/l	97
65) Chlorobenzene	10.073	112	392048	44.351	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	139336	46.629	ug/l	100
67) Ethyl Benzene	10.189	91	675119	44.374	ug/l	99
68) m/p-Xylenes	10.299	106	505402	89.088	ug/l	98
69) o-Xylene	10.640	106	247833	45.396	ug/l	100
70) Styrene	10.653	104	432156	46.848	ug/l	100
71) Bromoform	10.799	173	107753	47.999	ug/l #	98
73) Isopropylbenzene	10.957	105	626471	41.363	ug/l	99
74) N-amyl acetate	10.842	43	254492	44.248	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	198493	44.636	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	158344m	44.606	ug/l	
77) Bromobenzene	11.195	156	160304	43.344	ug/l	99
78) n-propylbenzene	11.299	91	752921	41.624	ug/l	100
79) 2-Chlorotoluene	11.360	91	454944	41.605	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	525246	42.149	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	29550	38.357	ug/l	98
82) 4-Chlorotoluene	11.451	91	535987	41.582	ug/l	99
83) tert-Butylbenzene	11.713	119	531807	42.775	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	533330	42.796	ug/l	99
85) sec-Butylbenzene	11.890	105	637815	41.390	ug/l	100
86) p-Isopropyltoluene	12.006	119	541390	41.518	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	296081	41.905	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	297694	40.966	ug/l	100
89) n-Butylbenzene	12.329	91	502621	41.441	ug/l	99
90) Hexachloroethane	12.536	117	94796	41.438	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	286242	42.682	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	37060	43.094	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	188073	41.832	ug/l	98
94) Hexachlorobutadiene	13.719	225	61393	38.363	ug/l	96
95) Naphthalene	13.774	128	564316	43.922	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	179511	42.359	ug/l	98

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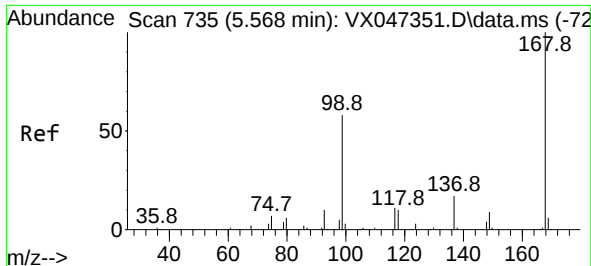
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

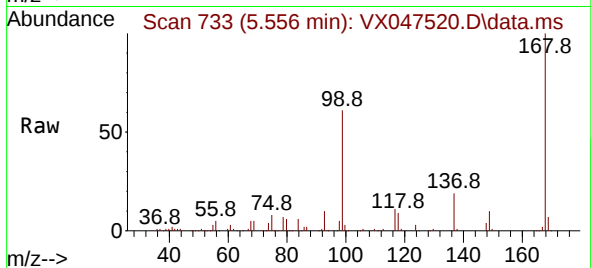
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

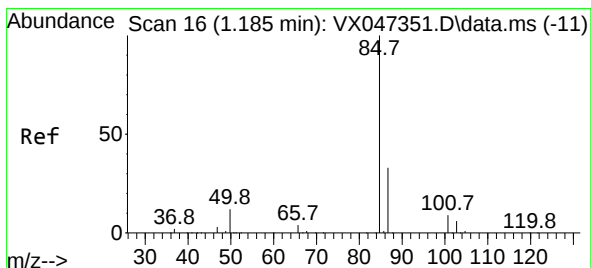
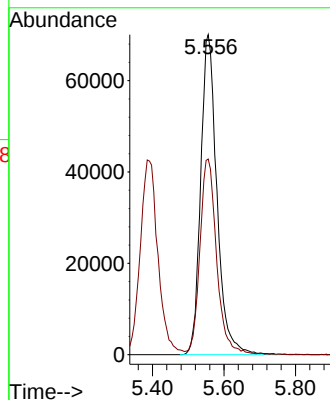
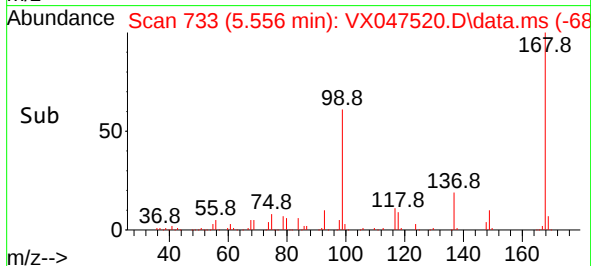
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 220804
Ion Ratio Lower Upper
168 100
99 61.0 47.9 71.9

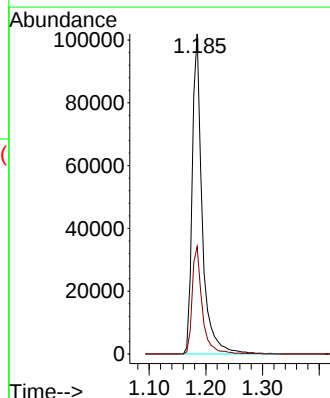
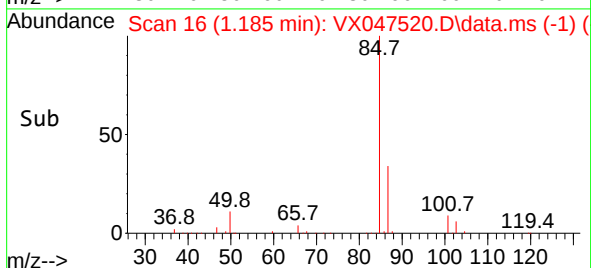
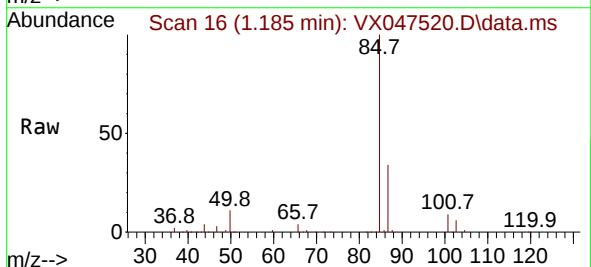
Manual Integrations
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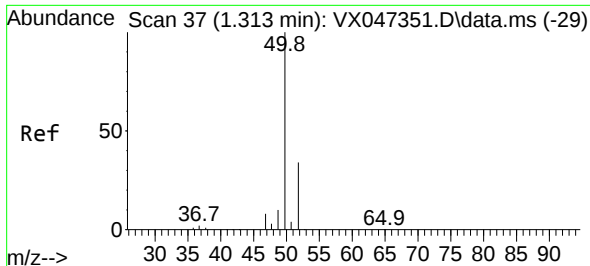
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#2
Dichlorodifluoromethane
Concen: 44.256 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

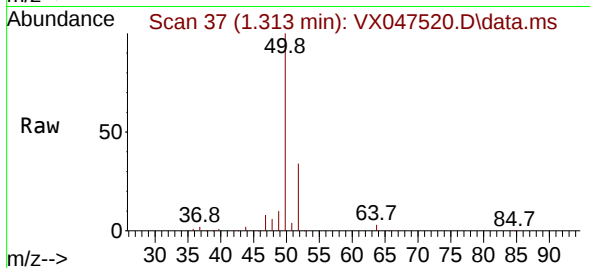
Tgt Ion: 85 Resp: 124568
Ion Ratio Lower Upper
85 100
87 33.6 16.4 49.1





#3
Chloromethane
Concen: 44.332 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

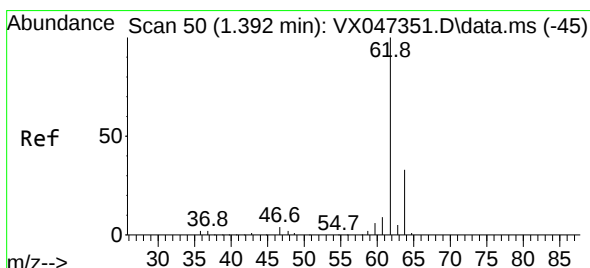
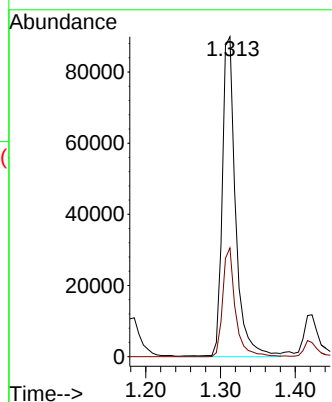
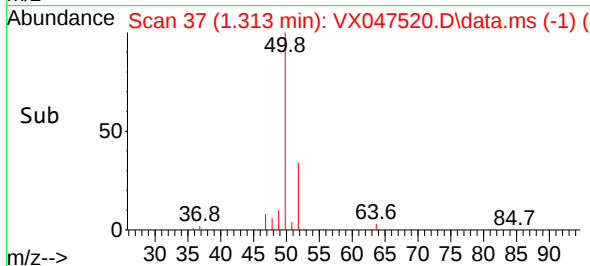
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 11225
Ion Ratio Lower Upper
50 100
52 34.1 27.0 40.4

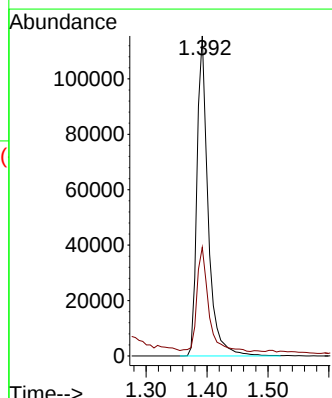
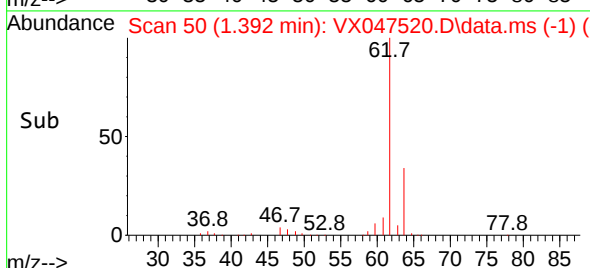
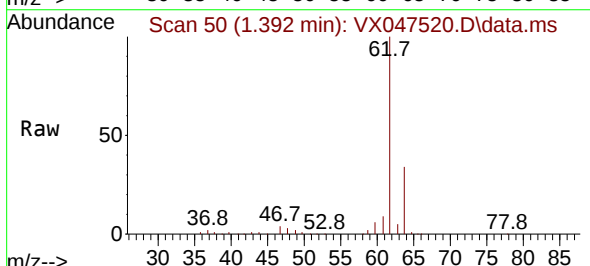
Manual Integrations
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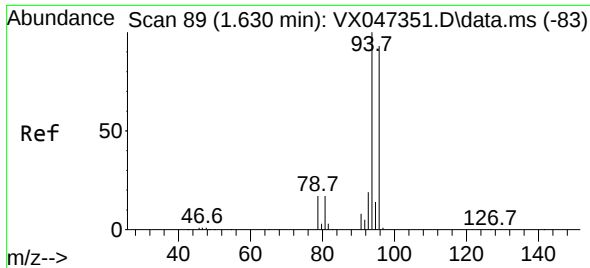
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#4
Vinyl Chloride
Concen: 45.893 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

Tgt Ion: 62 Resp: 145856
Ion Ratio Lower Upper
62 100
64 32.5 26.5 39.7





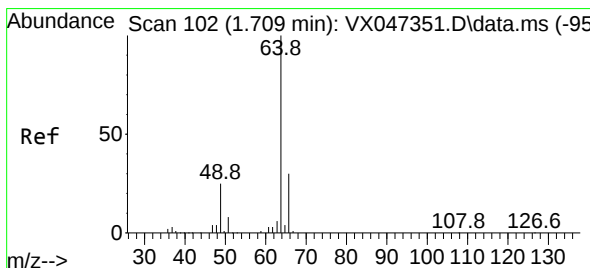
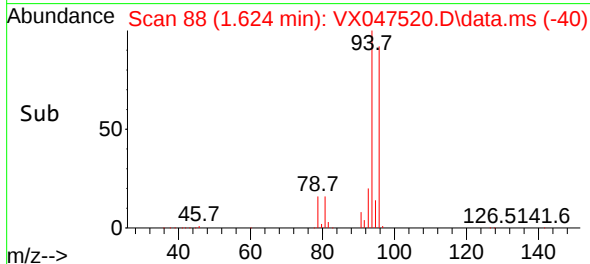
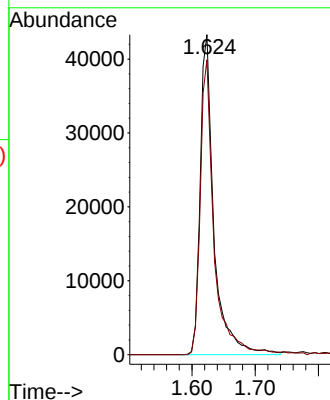
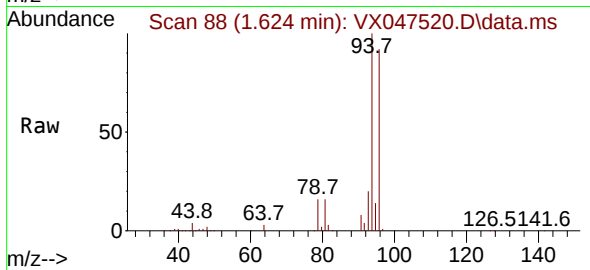
#5
Bromomethane
Concen: 50.935 ug/l
RT: 1.624 min Scan# 89
Delta R.T. -0.006 min
Lab File: VX047520.D
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Tgt Ion: 94 Resp: 6538
Ion Ratio Lower Upper
94 100
96 92.2 74.7 112.1

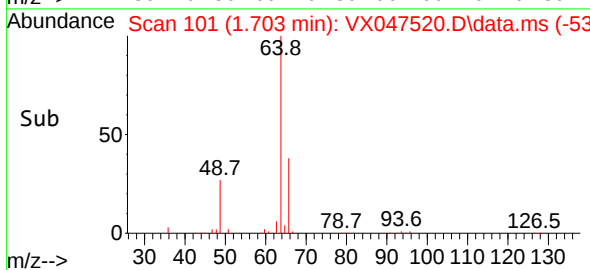
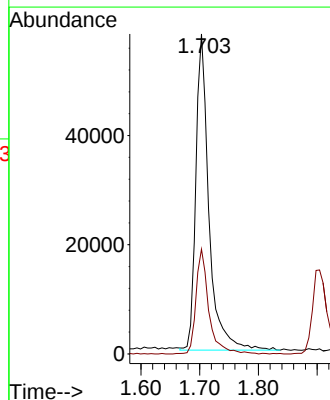
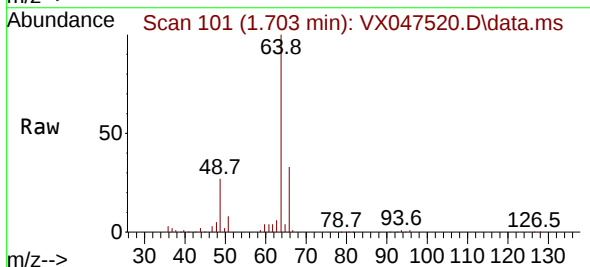
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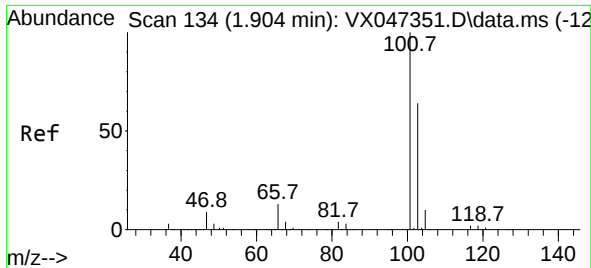
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#6
Chloroethane
Concen: 46.069 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

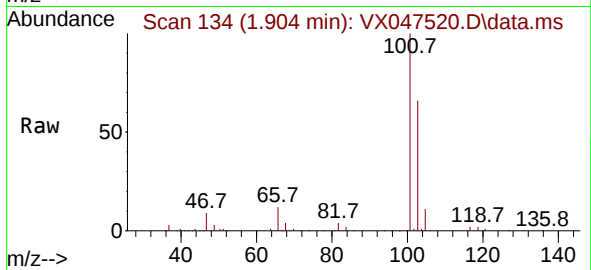
Tgt Ion: 64 Resp: 89583
Ion Ratio Lower Upper
64 100
66 33.0 24.4 36.6





#7
Trichlorofluoromethane
Concen: 45.958 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

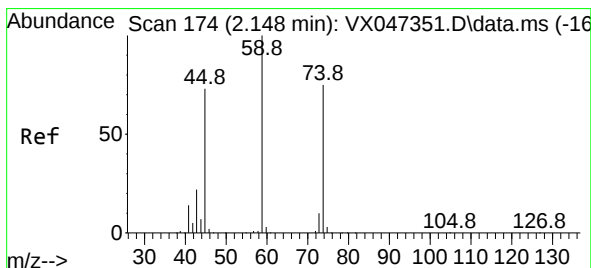
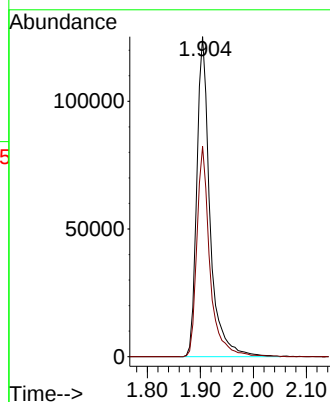
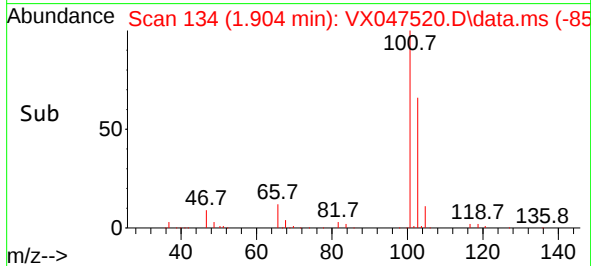
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 21605
Ion Ratio Lower Upper
101 100
103 65.7 50.9 76.3

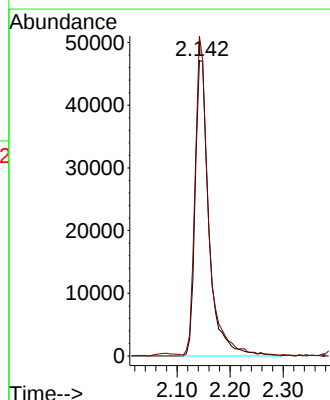
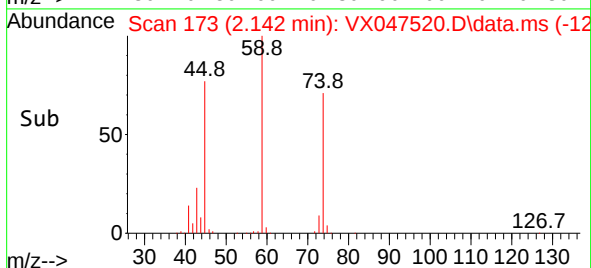
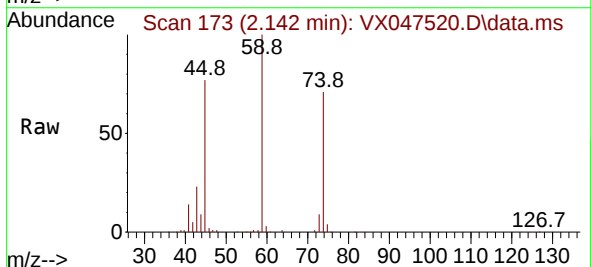
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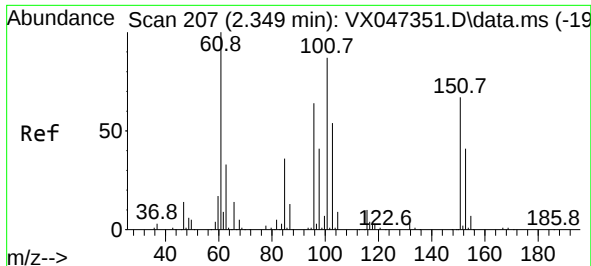
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#8
Diethyl Ether
Concen: 51.836 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.006 min
Lab File: VX047520.D
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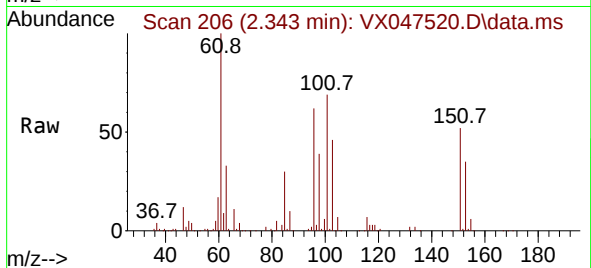
Tgt Ion: 74 Resp: 85805
Ion Ratio Lower Upper
74 100
45 103.9 51.3 154.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.998 ug/l
RT: 2.343 min Scan# 207
Delta R.T. -0.006 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

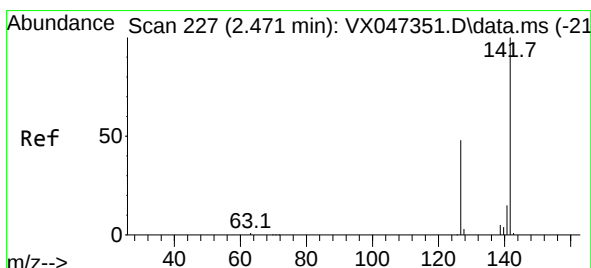
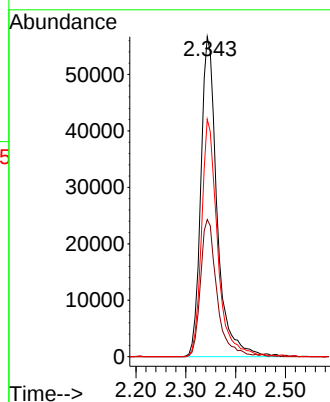
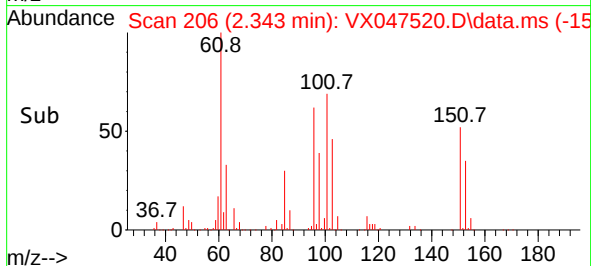
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 128164
Ion Ratio Lower Upper
101 100
85 43.7 34.3 51.5
151 73.1 59.2 88.8

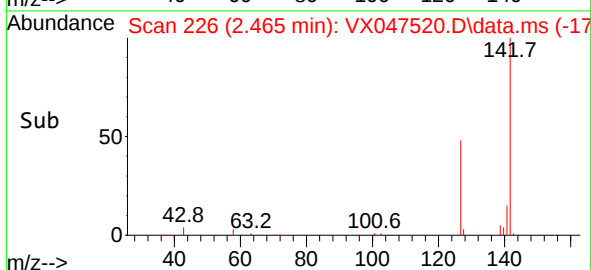
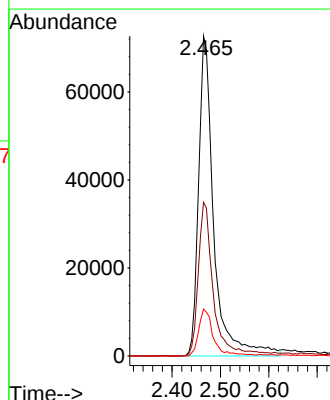
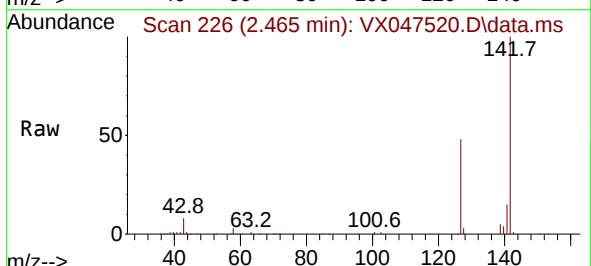
Manual Integrations
APPROVED

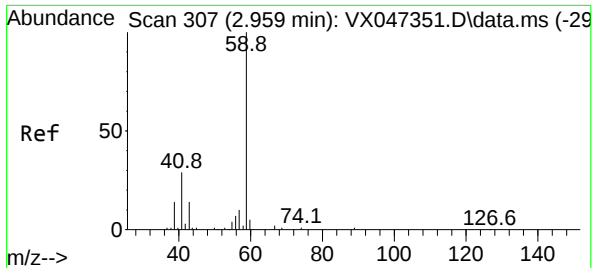
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#10
Methyl Iodide
Concen: 33.918 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

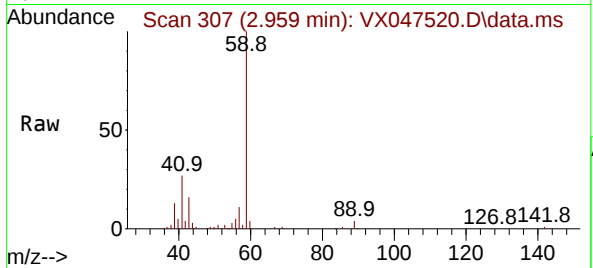
Tgt Ion:142 Resp: 158508
Ion Ratio Lower Upper
142 100
127 47.7 36.1 54.1
141 14.2 11.1 16.7





#11
Tert butyl alcohol
Concen: 286.123 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

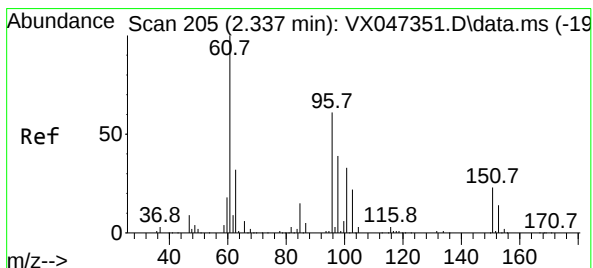
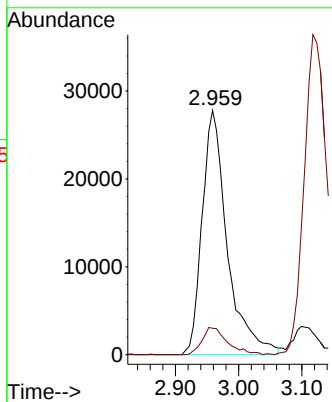
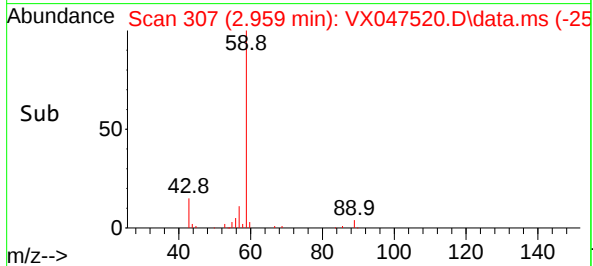
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



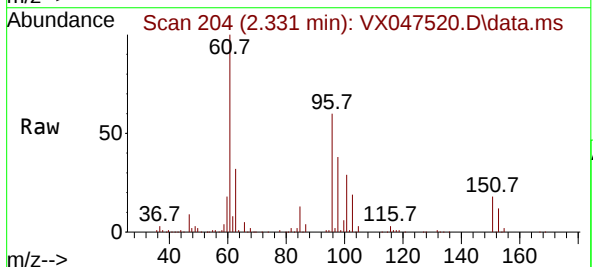
Tgt Ion: 59 Resp: 76919
Ion Ratio Lower Upper
59 100
57 11.3 8.3 12.5

Manual Integrations
APPROVED

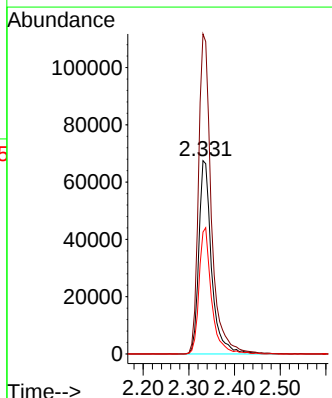
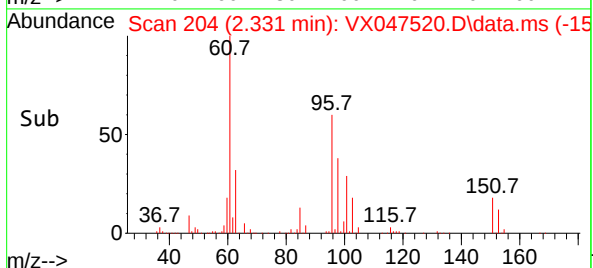
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

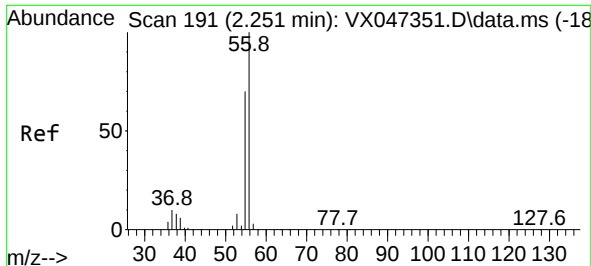


#12
1,1-Dichloroethene
Concen: 47.040 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13



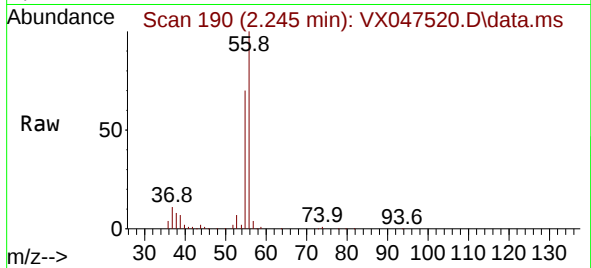
Tgt Ion: 96 Resp: 130777
Ion Ratio Lower Upper
96 100
61 165.6 132.2 198.2
98 63.1 51.2 76.8





#13
Acrolein
Concen: 269.708 ug/l
RT: 2.245 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

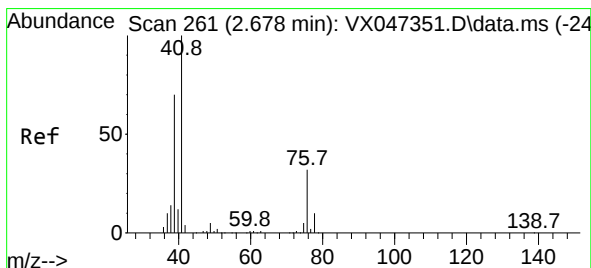
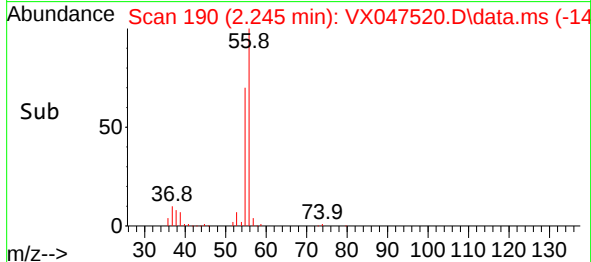
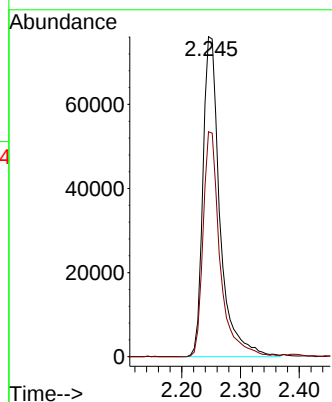
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 15305
Ion Ratio Lower Upper
56 100
55 70.0 55.5 83.3

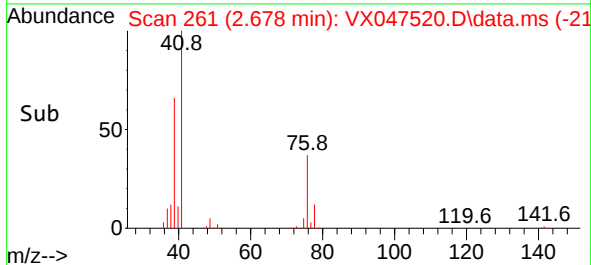
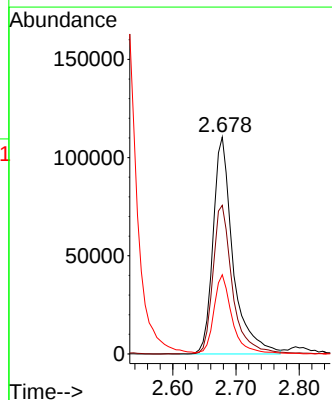
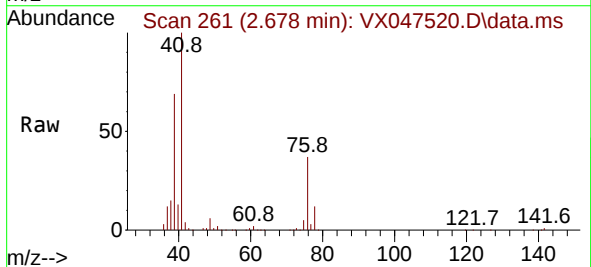
Manual Integrations
APPROVED

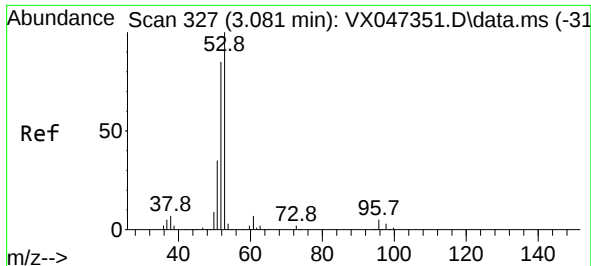
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#14
Allyl chloride
Concen: 50.163 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

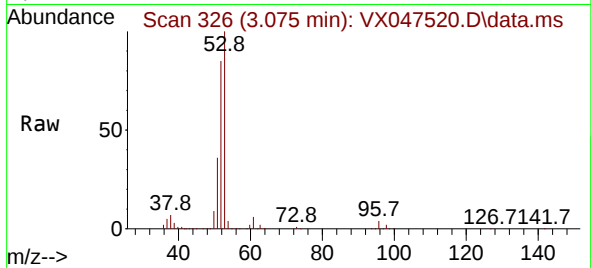
Tgt Ion: 41 Resp: 242222
Ion Ratio Lower Upper
41 100
39 67.4 54.6 81.8
76 33.6 27.6 41.4





#15
Acrylonitrile
Concen: 271.417 ug/l
RT: 3.075 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

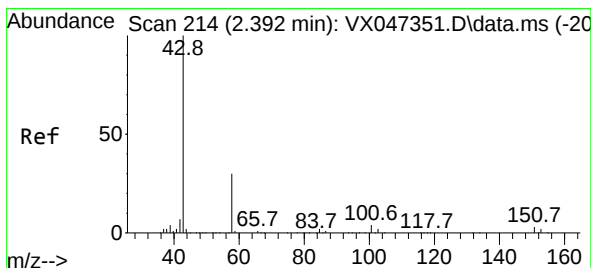
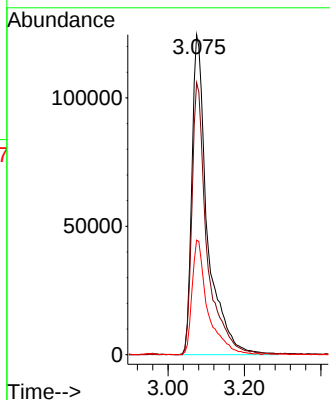
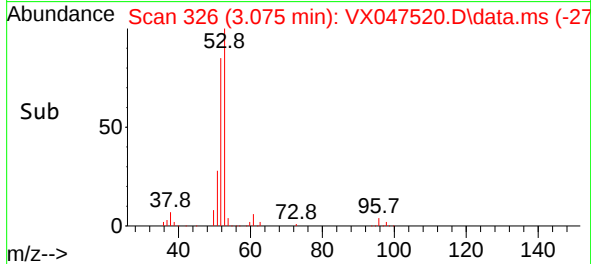
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 35258
Ion Ratio Lower Upper
53 100
52 82.3 65.8 98.6
51 36.3 28.2 42.2

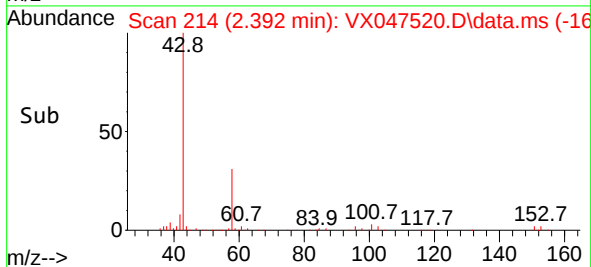
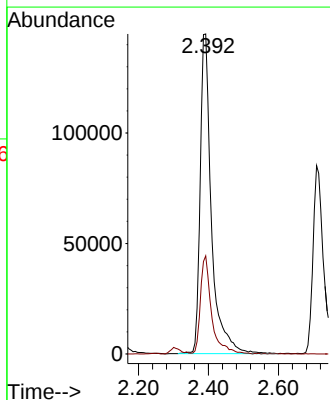
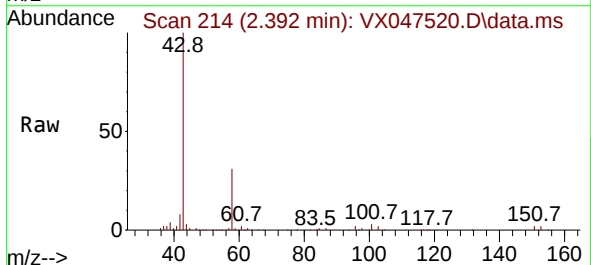
Manual Integrations
APPROVED

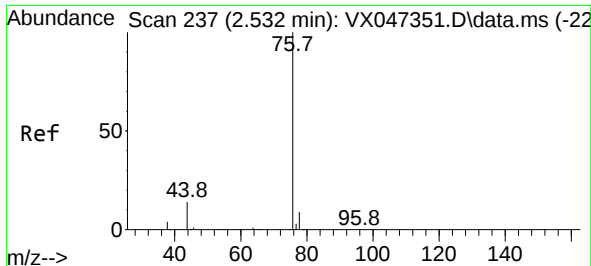
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#16
Acetone
Concen: 278.600 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

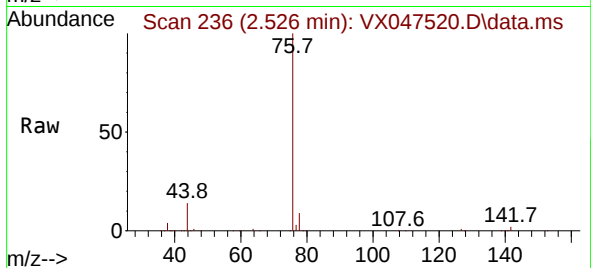
Tgt Ion: 43 Resp: 323609
Ion Ratio Lower Upper
43 100
58 30.6 24.8 37.2





#17
Carbon Disulfide
Concen: 41.557 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

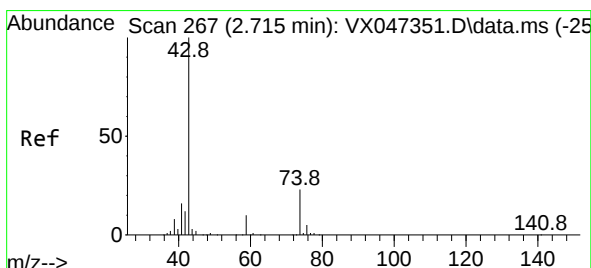
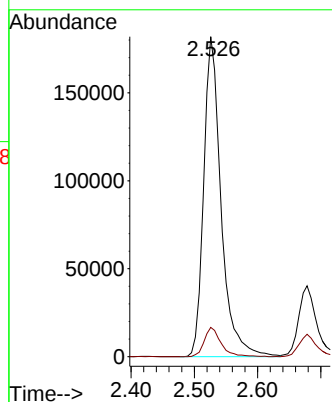
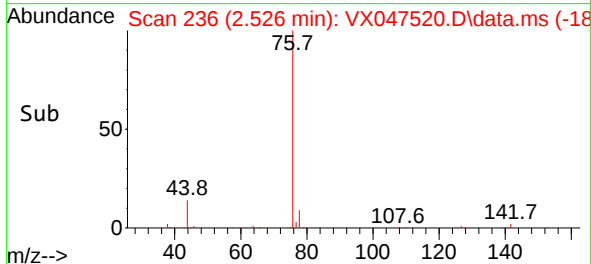
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 348629
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

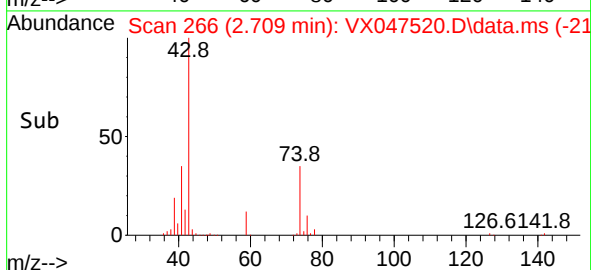
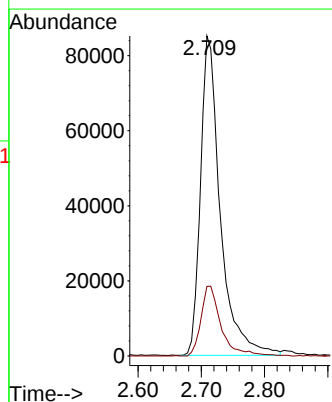
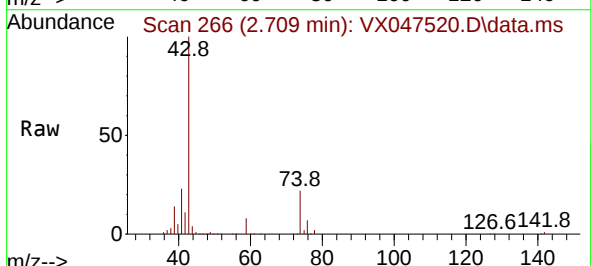
Manual Integrations
APPROVED

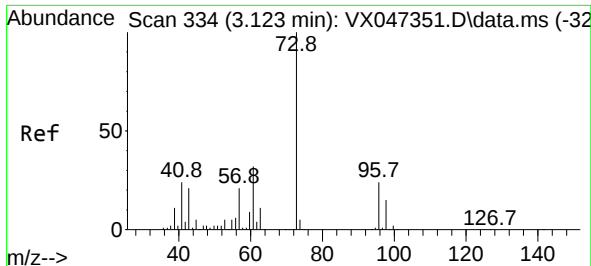
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#18
Methyl Acetate
Concen: 61.506 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

Tgt Ion: 43 Resp: 185135
Ion Ratio Lower Upper
43 100
74 22.3 18.4 27.6





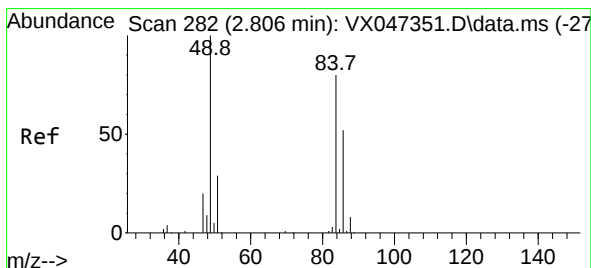
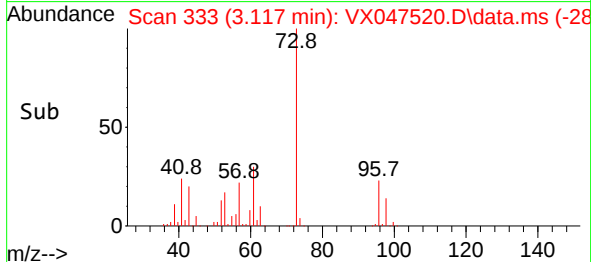
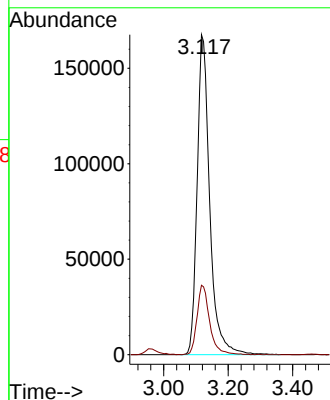
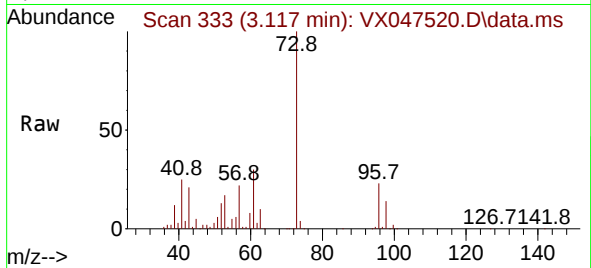
#19
Methyl tert-butyl Ether
Concen: 53.485 ug/l
RT: 3.117 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 452350
Ion Ratio Lower Upper
73 100
57 21.7 17.0 25.6

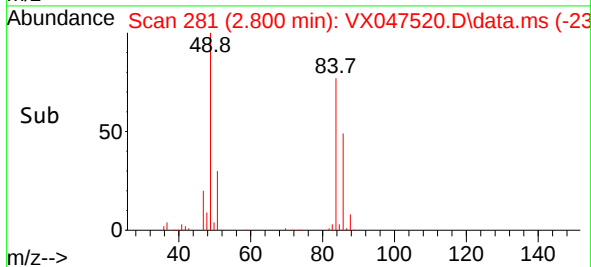
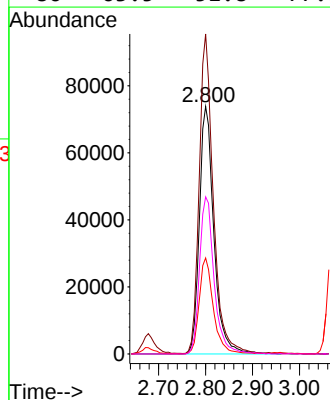
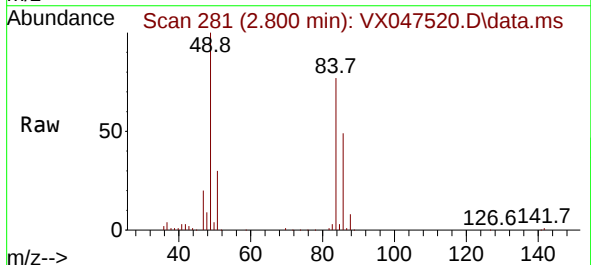
Manual Integrations
APPROVED

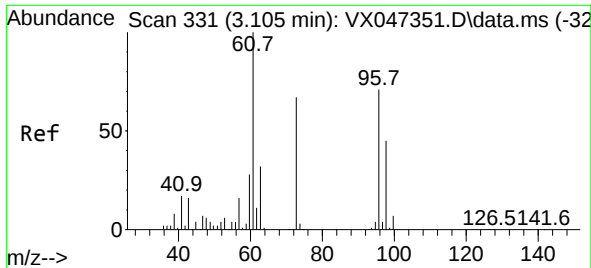
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#20
Methylene Chloride
Concen: 51.559 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

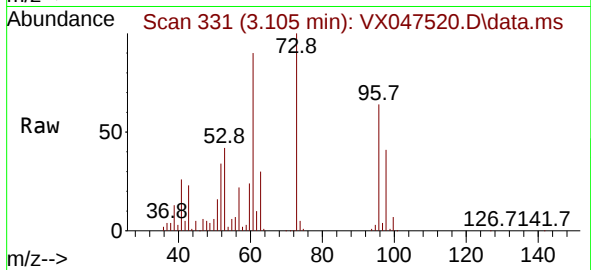
Tgt Ion: 84 Resp: 158586
Ion Ratio Lower Upper
84 100
49 129.0 100.1 150.1
51 38.8 29.5 44.3
86 63.5 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 47.864 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

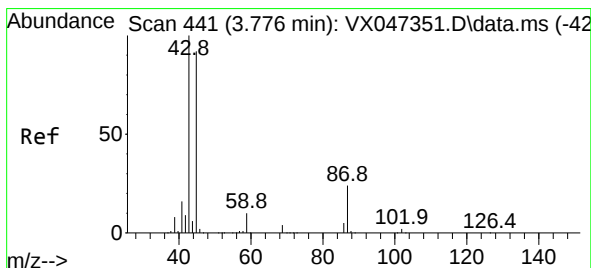
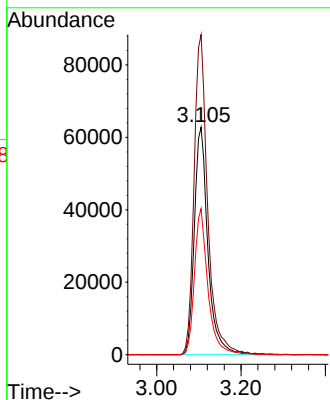
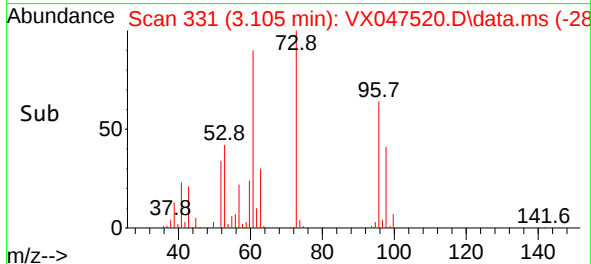
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



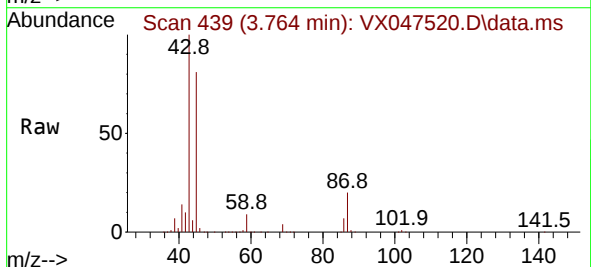
Tgt Ion: 96 Resp: 141232
Ion Ratio Lower Upper
96 100
61 140.6 112.6 169.0
98 64.2 50.9 76.3

Manual Integrations
APPROVED

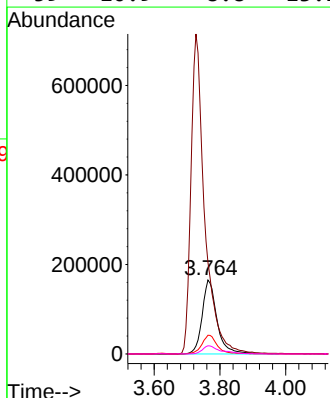
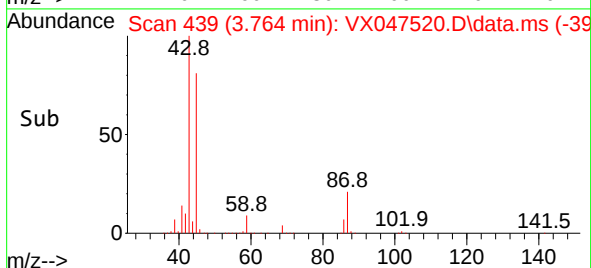
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

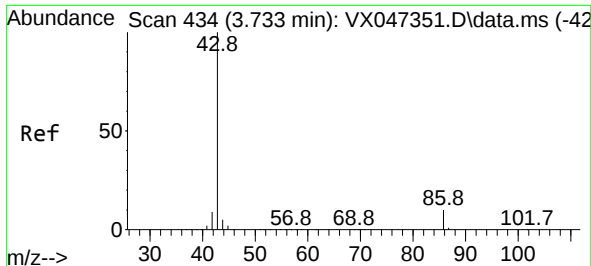


#22
Diisopropyl ether
Concen: 54.255 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.012 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13



Tgt Ion: 45 Resp: 517847
Ion Ratio Lower Upper
45 100
43 123.7 86.8 130.2
87 25.3 20.4 30.6
59 10.9 8.8 13.2





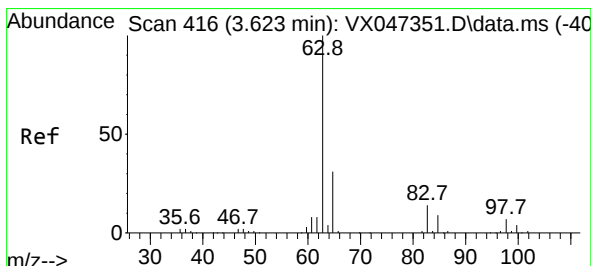
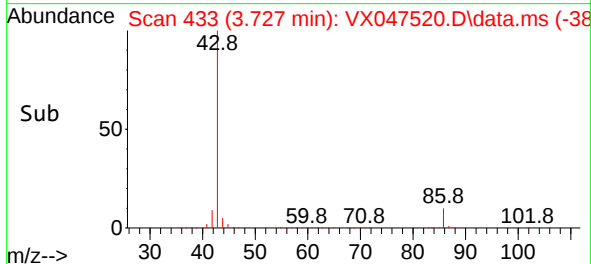
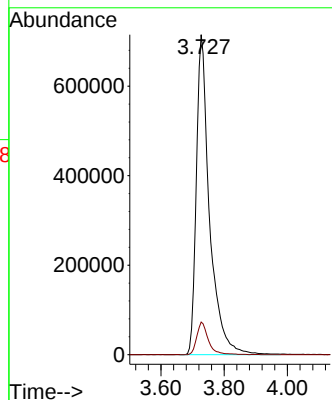
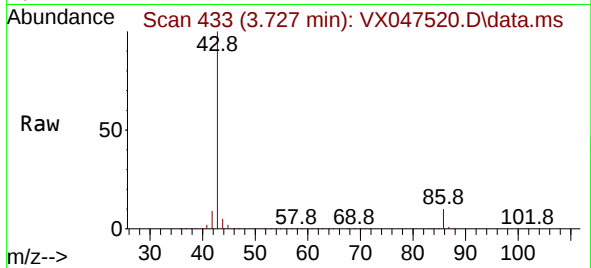
#23
 Vinyl Acetate
 Concen: 265.955 ug/l
 RT: 3.727 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047520.D
 Acq: 25 Aug 2025 16:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 208064
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.9 11.9

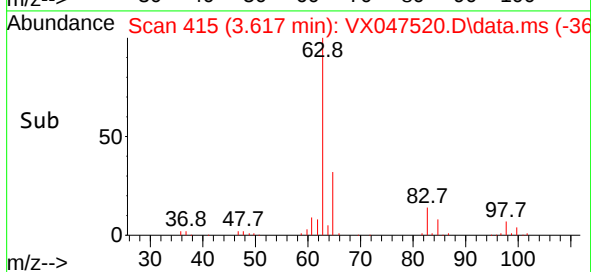
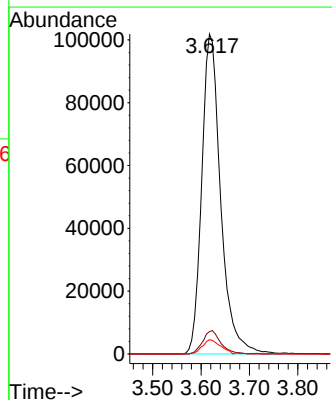
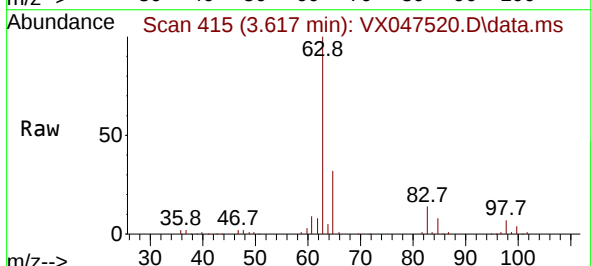
Manual Integrations
 APPROVED

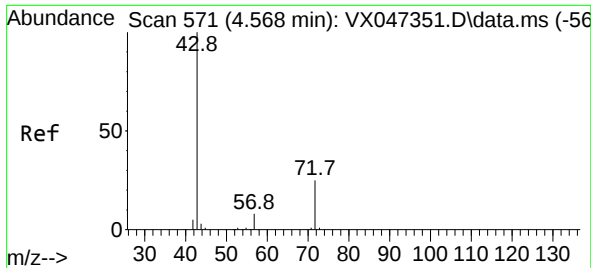
Reviewed By :John Carlone 08/26/2025
 Supervised By :Mahesh Dadoda 08/26/2025



#24
 1,1-Dichloroethane
 Concen: 51.337 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047520.D
 Acq: 25 Aug 2025 16:13

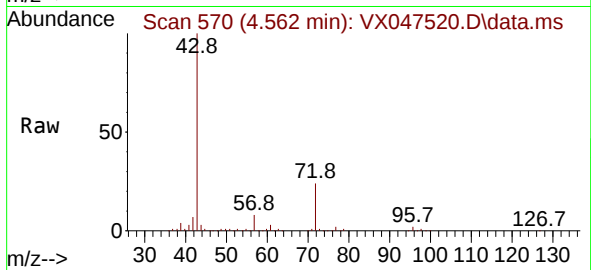
Tgt Ion: 63 Resp: 276962
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.9
 100 4.4 2.1 6.3





#25
2-Butanone
Concen: 284.789 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

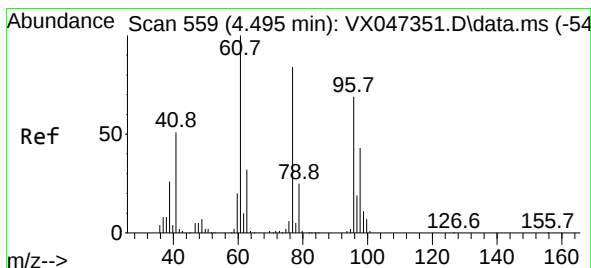
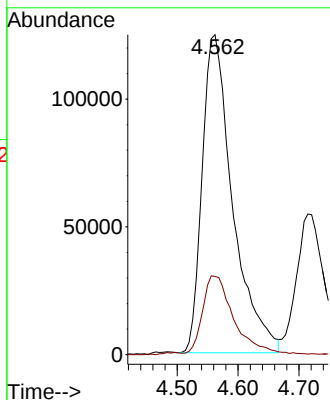
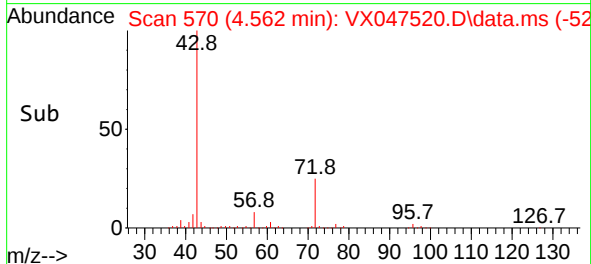
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 433239
Ion Ratio Lower Upper
43 100
72 24.0 19.8 29.8

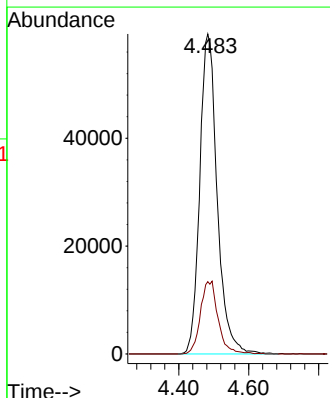
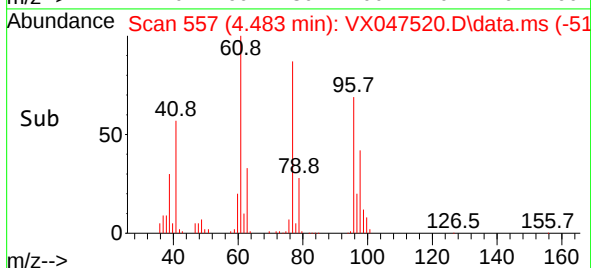
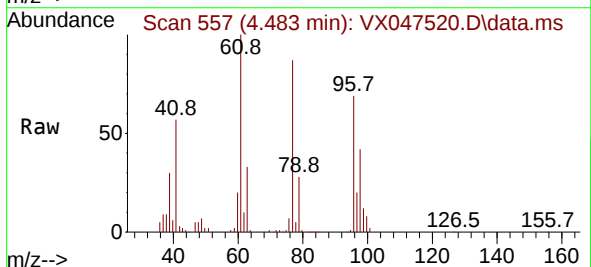
Manual Integrations
APPROVED

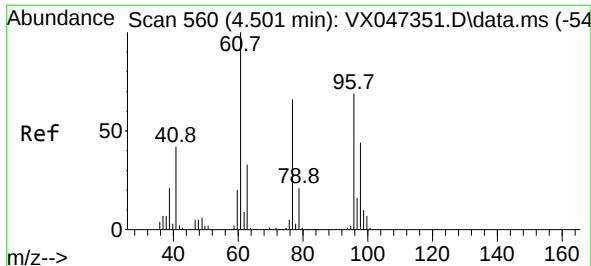
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#26
2,2-Dichloropropane
Concen: 50.405 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

Tgt Ion: 77 Resp: 205244
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 50.781 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX047520.D

Acq: 25 Aug 2025 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 17452

Ion Ratio Lower Upper

96 100

61 146.0 0.0 296.6

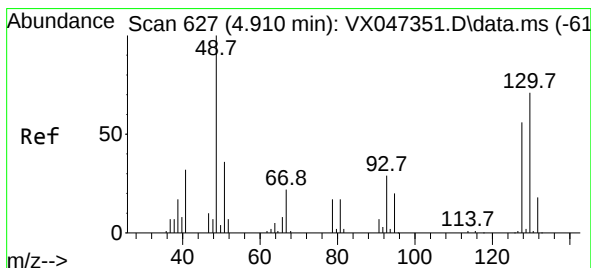
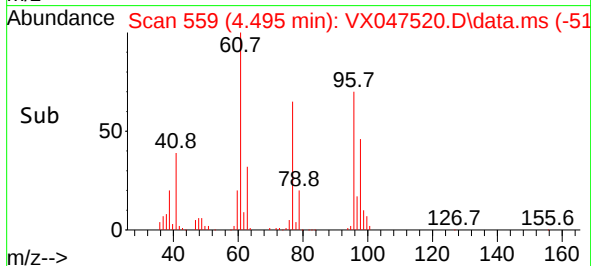
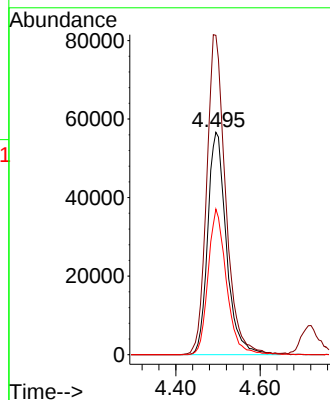
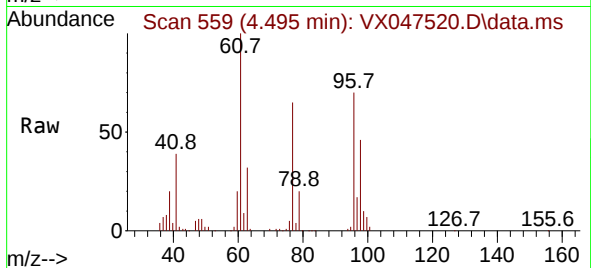
98 64.3 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#28

Bromochloromethane

Concen: 55.947 ug/l

RT: 4.904 min Scan# 626

Delta R.T. -0.006 min

Lab File: VX047520.D

Acq: 25 Aug 2025 16:13

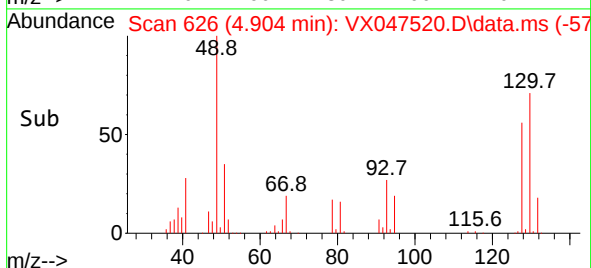
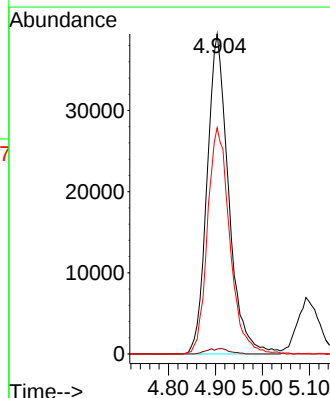
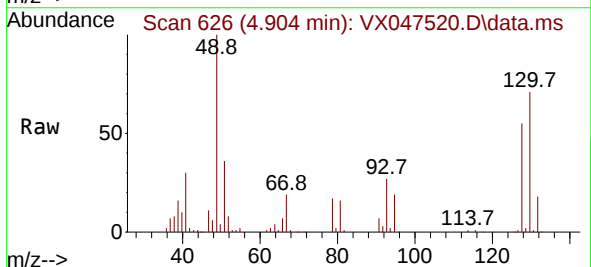
Tgt Ion: 49 Resp: 125600

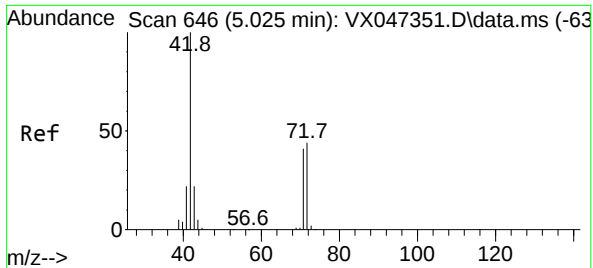
Ion Ratio Lower Upper

49 100

129 0.7 0.0 4.0

130 73.0 59.8 89.6





#29

Tetrahydrofuran

Concen: 268.928 ug/l

RT: 5.013 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX047520.D

Acq: 25 Aug 2025 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

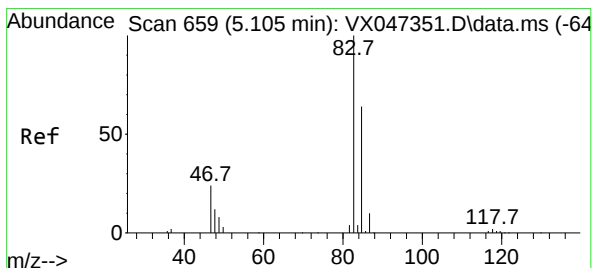
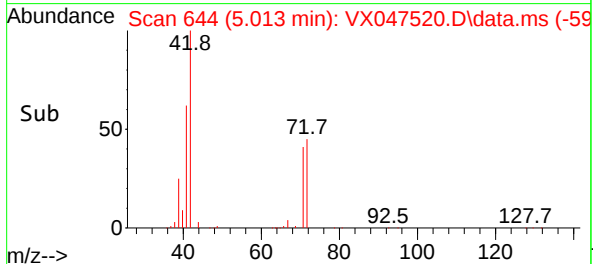
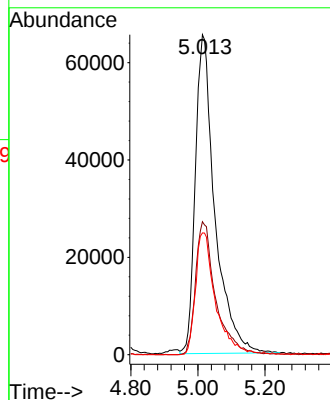
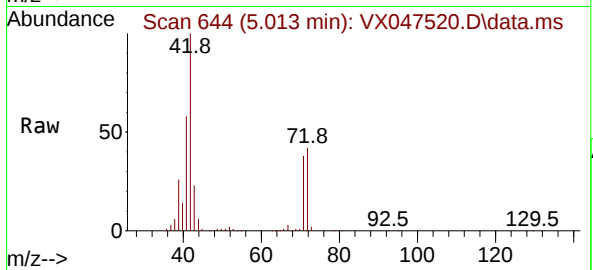
Tgt Ion: 42 Resp: 264424
 Ion Ratio Lower Upper
 42 100
 72 42.8 34.6 51.8
 71 39.2 32.6 49.0

Manual Integrations

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Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#30

Chloroform

Concen: 50.960 ug/l

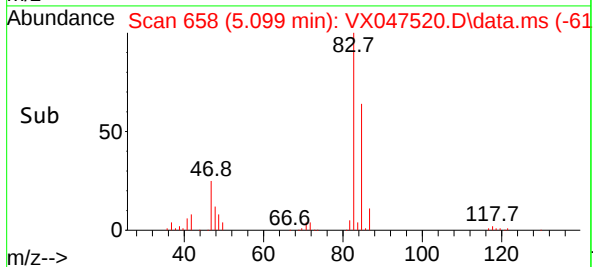
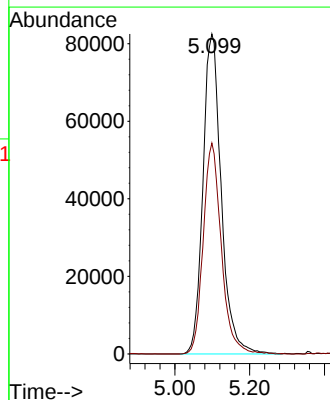
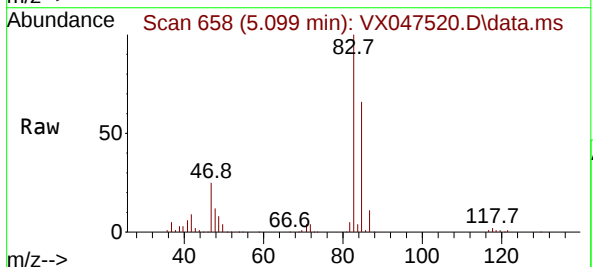
RT: 5.099 min Scan# 658

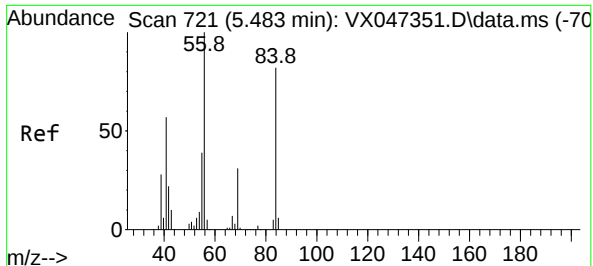
Delta R.T. -0.006 min

Lab File: VX047520.D

Acq: 25 Aug 2025 16:13

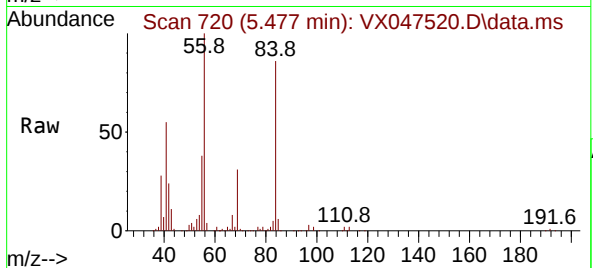
Tgt Ion: 83 Resp: 280580
 Ion Ratio Lower Upper
 83 100
 85 65.9 51.2 76.8





#31
Cyclohexane
Concen: 42.928 ug/l
RT: 5.477 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

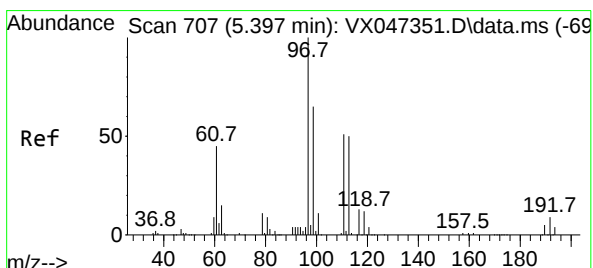
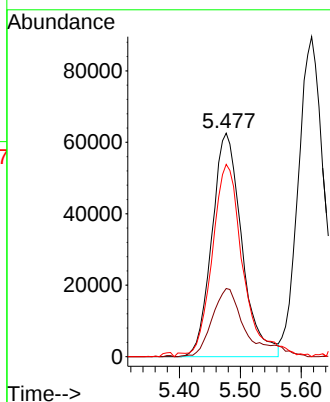
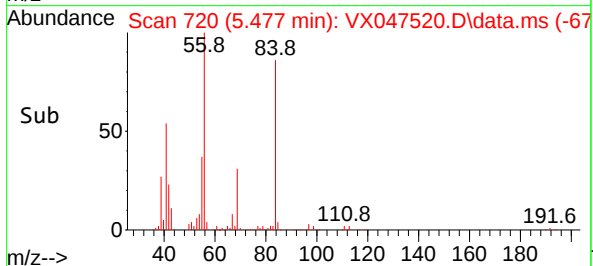
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 213489
Ion Ratio Lower Upper
56 100
69 30.1 24.3 36.5
84 84.3 65.3 97.9

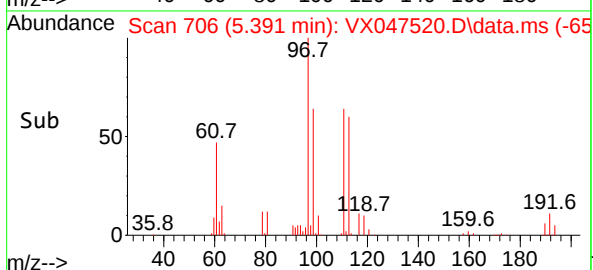
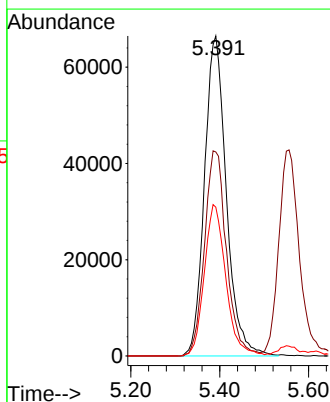
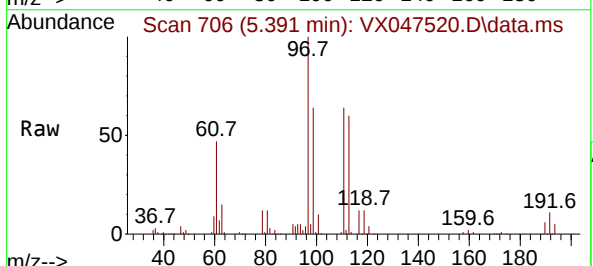
Manual Integrations
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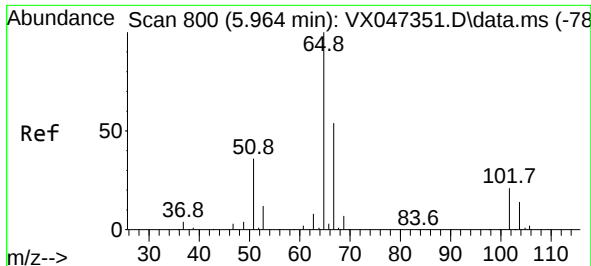
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#32
1,1,1-Trichloroethane
Concen: 48.006 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

Tgt Ion: 97 Resp: 227507
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 46.6 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 58.240 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX047520.D

Acq: 25 Aug 2025 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 179979

Ion Ratio Lower Upper

65 100

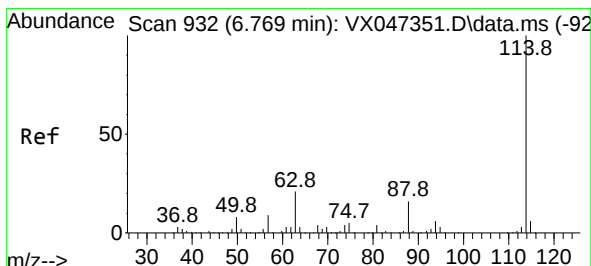
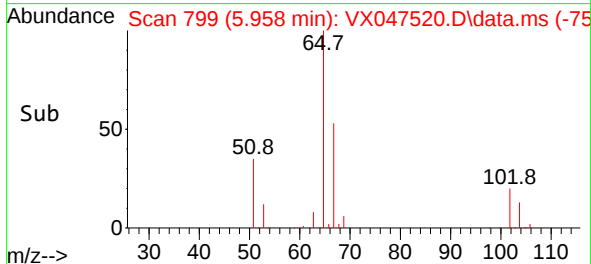
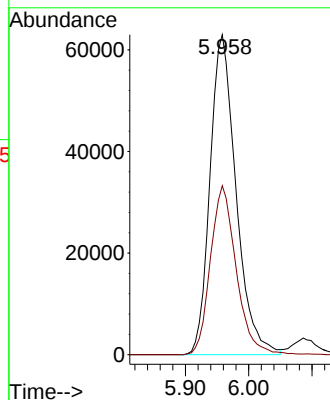
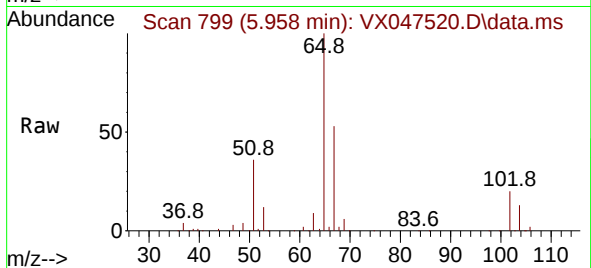
67 52.4 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047520.D

Acq: 25 Aug 2025 16:13

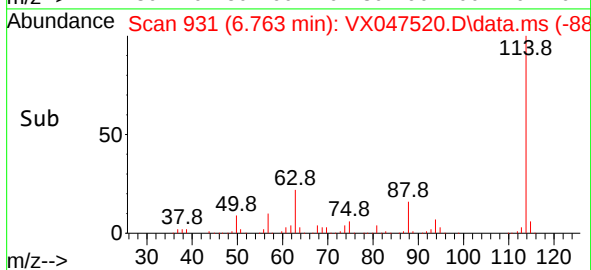
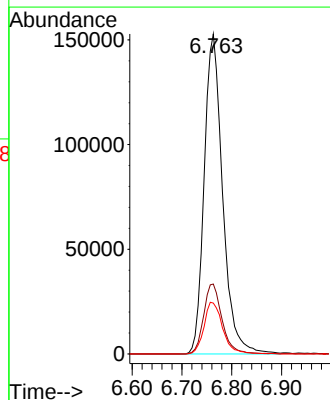
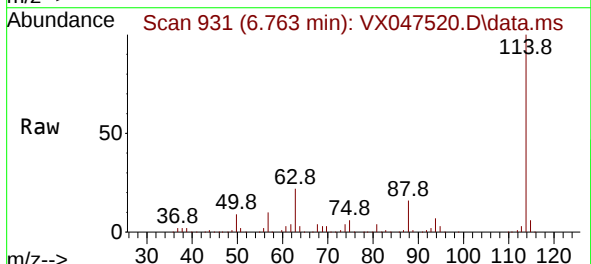
Tgt Ion:114 Resp: 392597

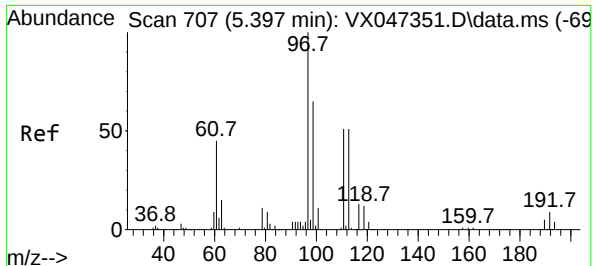
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.4

88 15.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.707 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.012 min

Lab File: VX047520.D

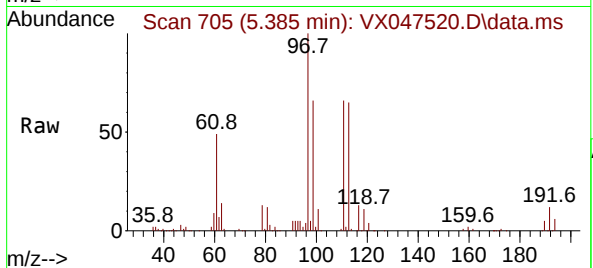
Acq: 25 Aug 2025 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



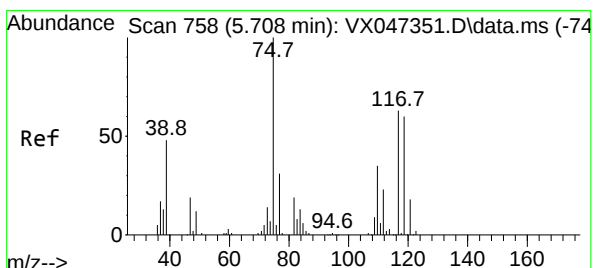
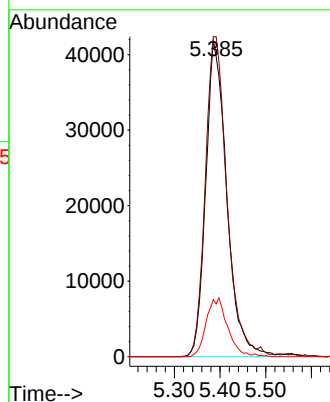
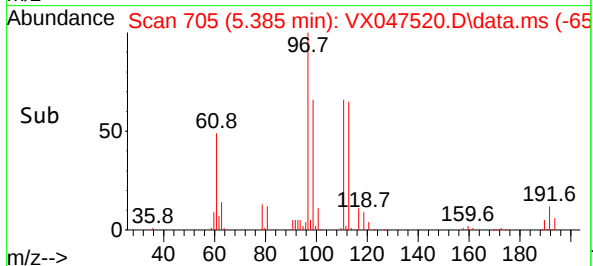
Tgt Ion:	113	Resp:	134290
Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.4	122.2
192	18.9	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#36

1,1-Dichloropropene

Concen: 44.965 ug/l

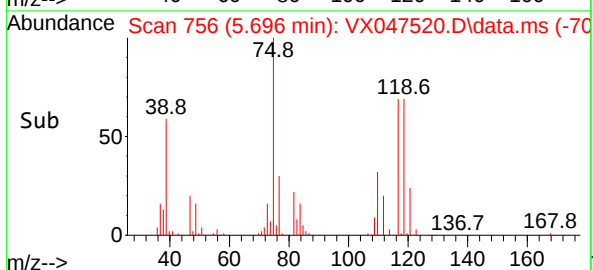
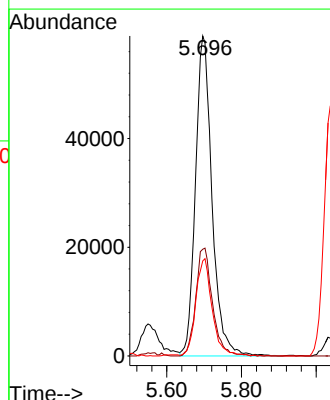
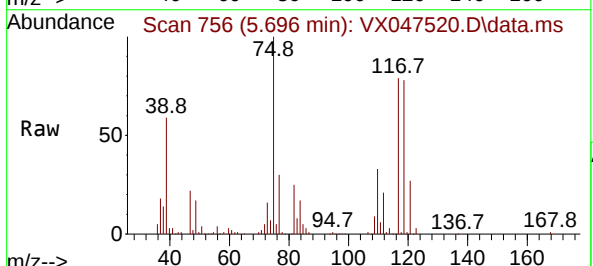
RT: 5.696 min Scan# 756

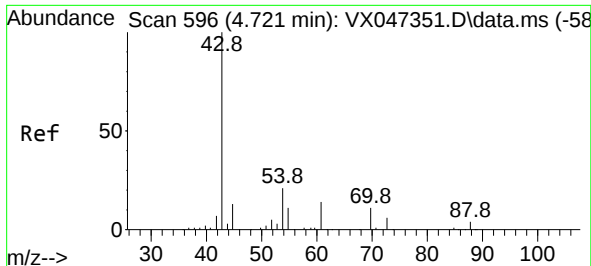
Delta R.T. -0.012 min

Lab File: VX047520.D

Acq: 25 Aug 2025 16:13

Tgt Ion:	75	Resp:	180860
Ion	Ratio	Lower	Upper
75	100		
110	34.1	17.4	52.2
77	30.2	24.4	36.6





#37

Ethyl Acetate

Concen: 44.197 ug/l

RT: 4.715 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX047520.D

Acq: 25 Aug 2025 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 18455

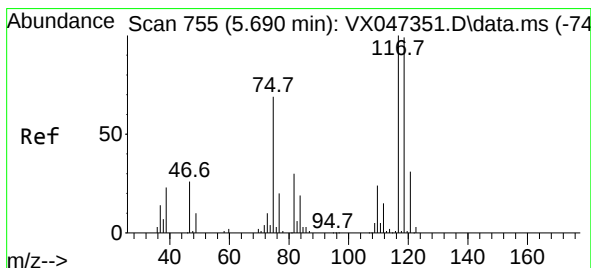
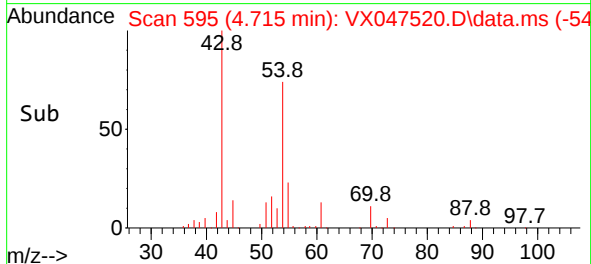
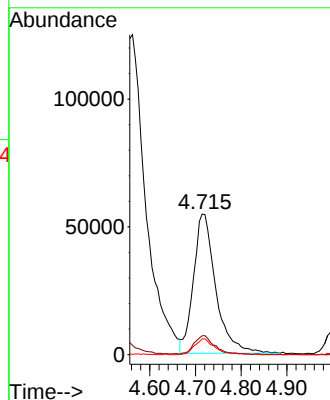
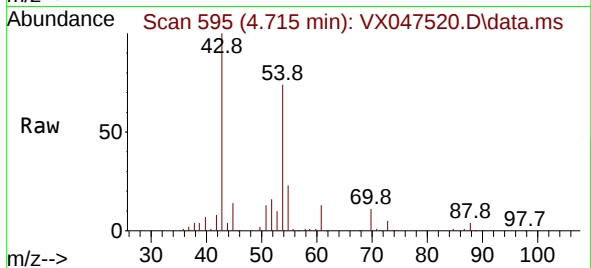
Ion	Ratio	Lower	Upper
43	100		
61	12.9	9.4	14.2
70	10.4	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#38

Carbon Tetrachloride

Concen: 44.595 ug/l

RT: 5.678 min Scan# 753

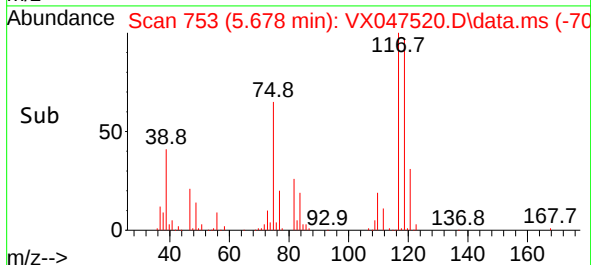
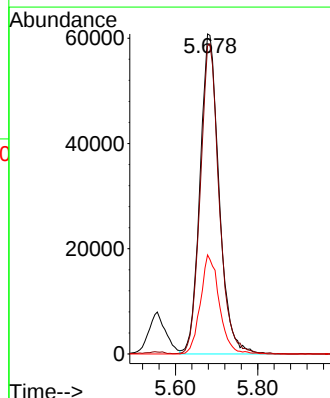
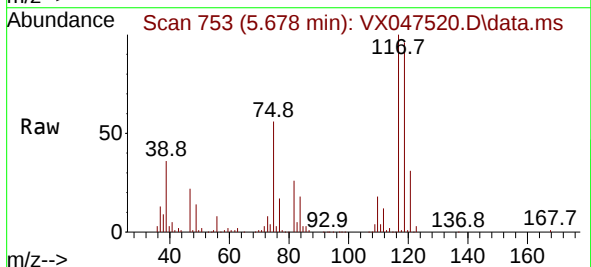
Delta R.T. -0.012 min

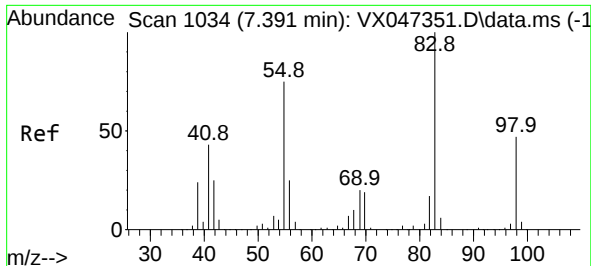
Lab File: VX047520.D

Acq: 25 Aug 2025 16:13

Tgt Ion:117 Resp: 196010

Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.5	117.7
121	30.9	24.7	37.1





#39

Methylcyclohexane

Concen: 40.769 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX047520.D

Acq: 25 Aug 2025 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 204540

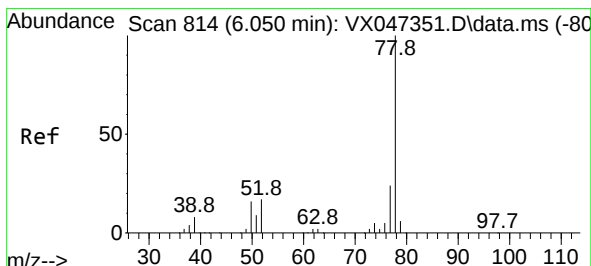
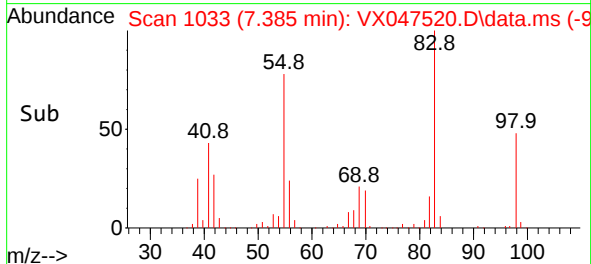
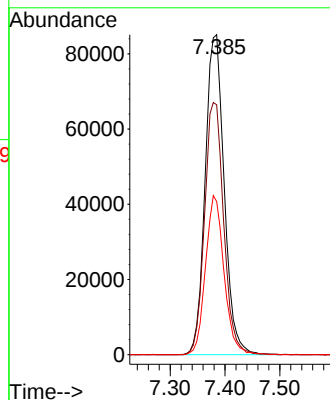
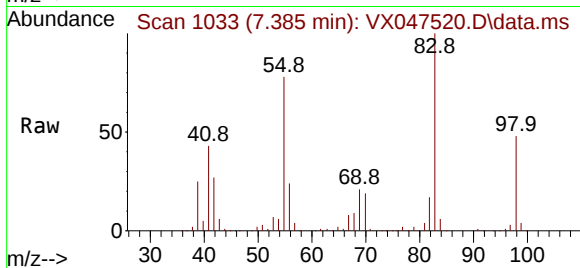
Ion	Ratio	Lower	Upper
83	100		
55	78.1	60.0	90.0
98	47.9	37.2	55.8

Manual Integrations

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Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#40

Benzene

Concen: 47.999 ug/l

RT: 6.044 min Scan# 813

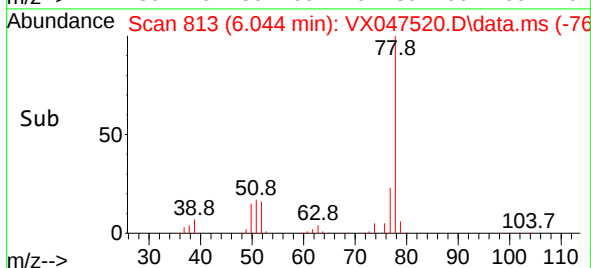
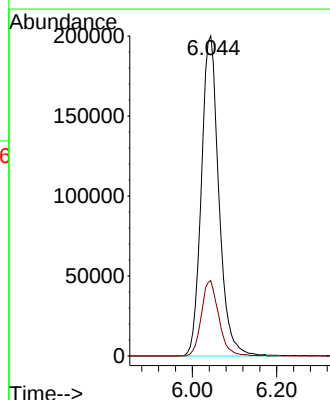
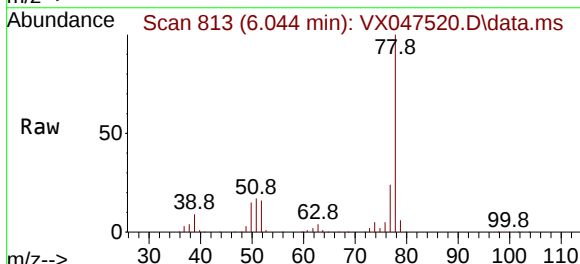
Delta R.T. -0.006 min

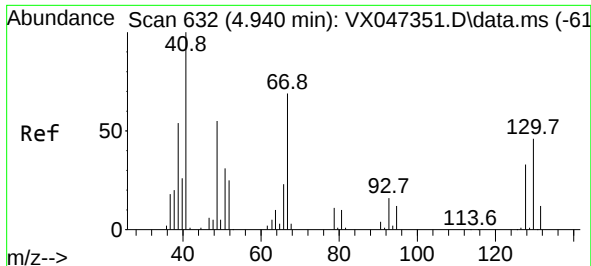
Lab File: VX047520.D

Acq: 25 Aug 2025 16:13

Tgt Ion: 78 Resp: 577869

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4





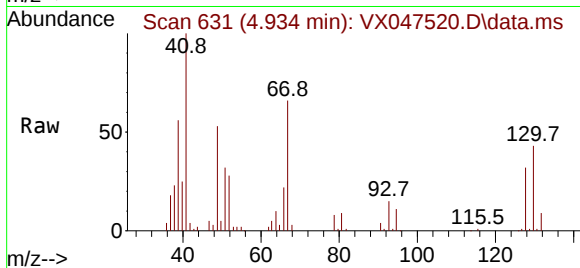
#41
Methacrylonitrile
Concen: 49.832 ug/l
RT: 4.934 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



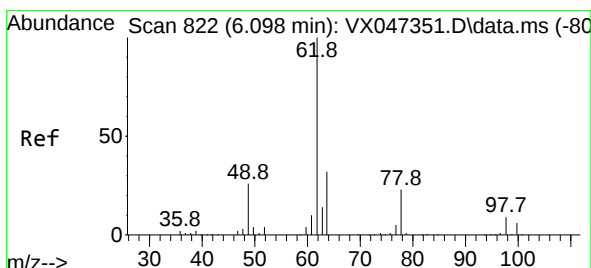
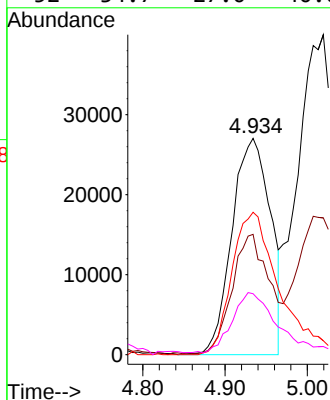
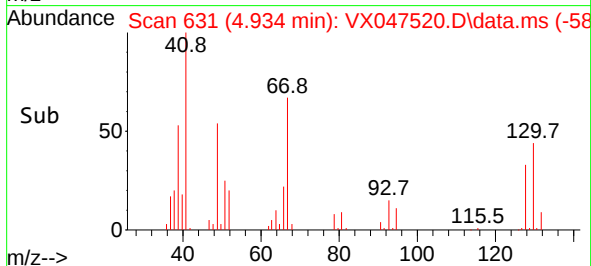
Tgt Ion: 41 Resp: 87740
Ion Ratio Lower Upper
41 100
39 54.9 45.4 68.2
67 83.0 64.0 96.0
52 34.7 27.0 40.6

Manual Integrations

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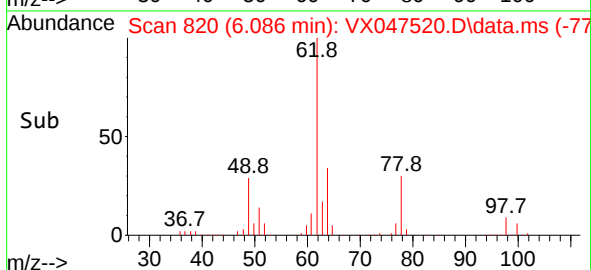
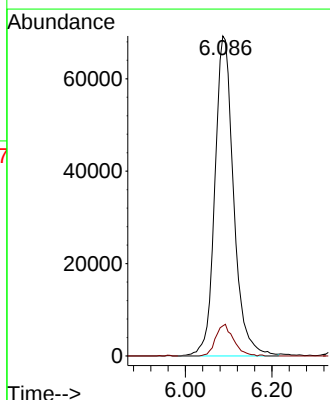
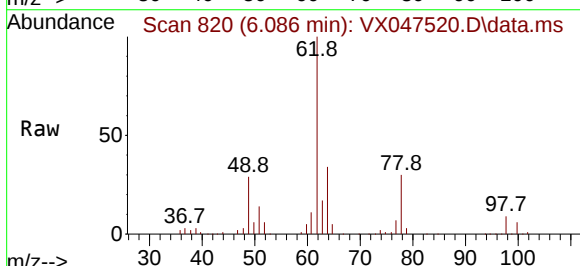
Reviewed By :John Carlone 08/26/2025

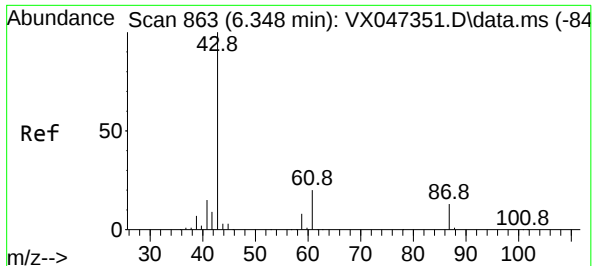
Supervised By :Mahesh Dadoda 08/26/2025



#42
1,2-Dichloroethane
Concen: 48.958 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

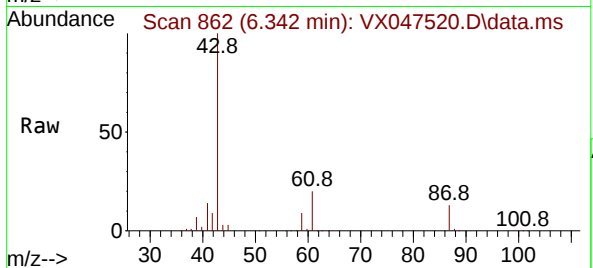
Tgt Ion: 62 Resp: 208776
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.0





#43
Isopropyl Acetate
Concen: 49.617 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

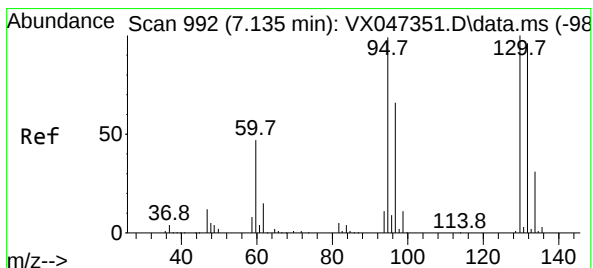
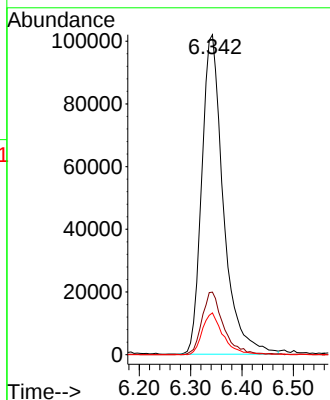
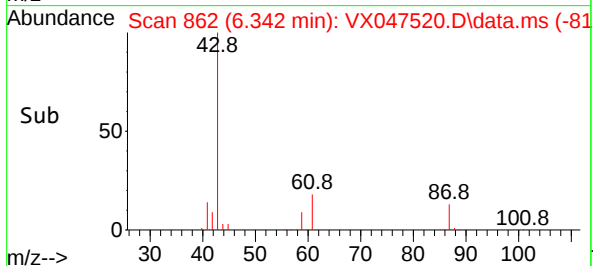
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



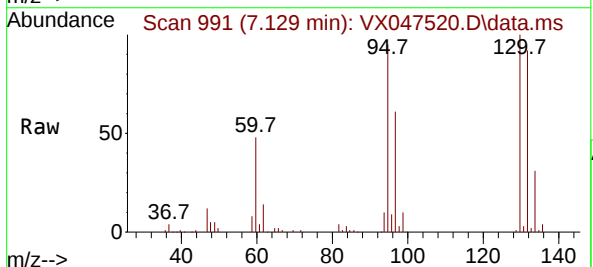
Tgt Ion: 43 Resp: 297640
Ion Ratio Lower Upper
43 100
61 19.6 15.4 23.0
87 12.7 10.2 15.4

Manual Integrations
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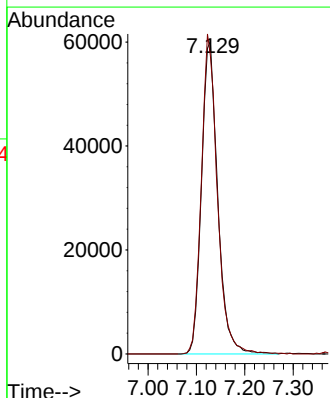
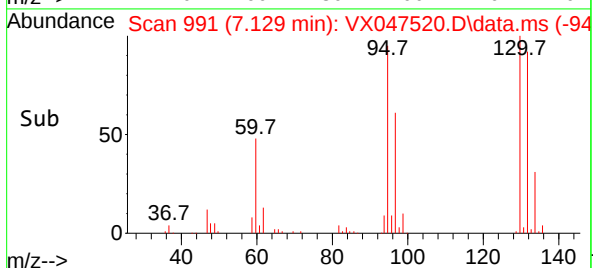
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

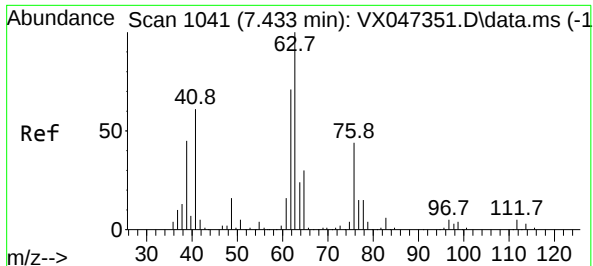


#44
Trichloroethene
Concen: 45.493 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13



Tgt Ion:130 Resp: 140242
Ion Ratio Lower Upper
130 100
95 95.5 0.0 198.6





#45

1,2-Dichloropropane

Concen: 49.338 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX047520.D

Acq: 25 Aug 2025 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 148800

Ion Ratio Lower Upper

63 100

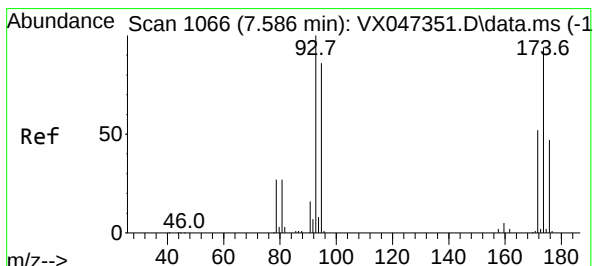
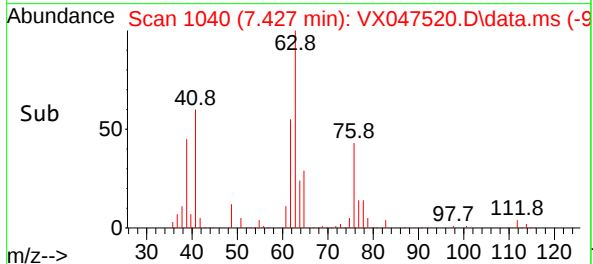
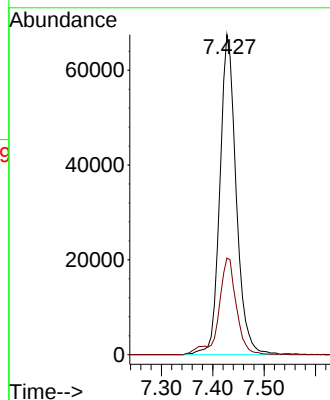
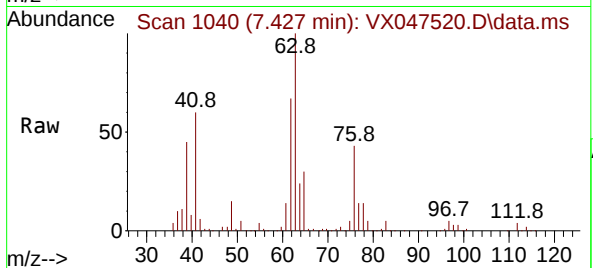
65 30.2 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#46

Dibromomethane

Concen: 49.397 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047520.D

Acq: 25 Aug 2025 16:13

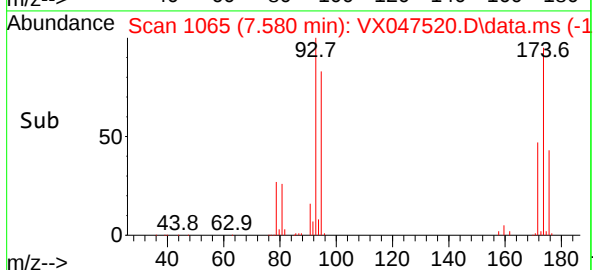
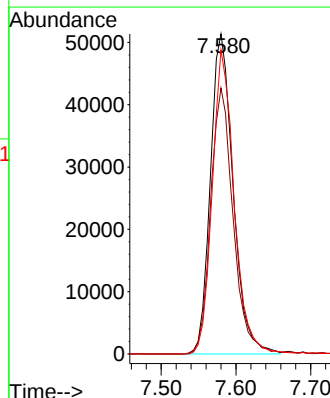
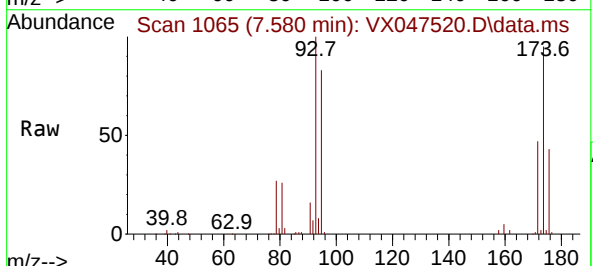
Tgt Ion: 93 Resp: 108161

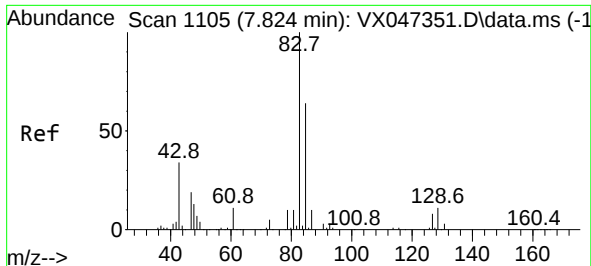
Ion Ratio Lower Upper

93 100

95 82.6 68.0 102.0

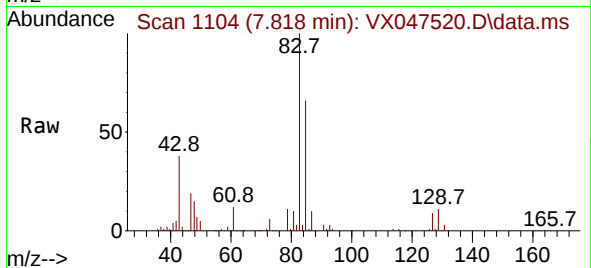
174 92.0 75.8 113.6





#47
Bromodichloromethane
Concen: 49.496 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

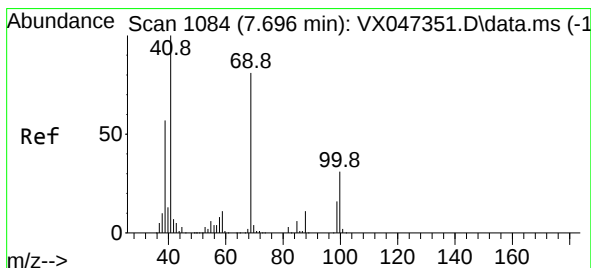
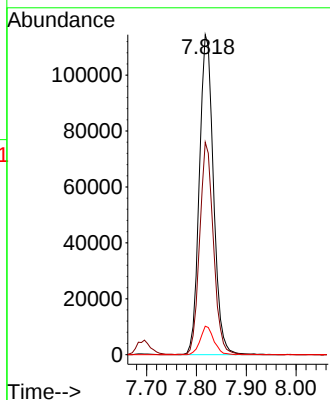
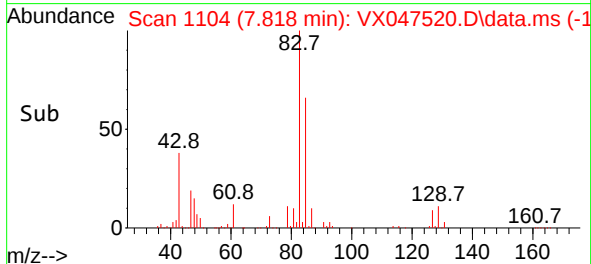
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 224678
Ion Ratio Lower Upper
83 100
85 66.4 51.0 76.6
127 8.9 7.0 10.4

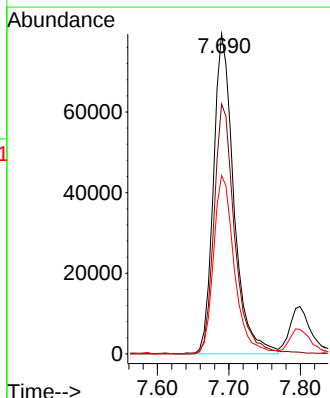
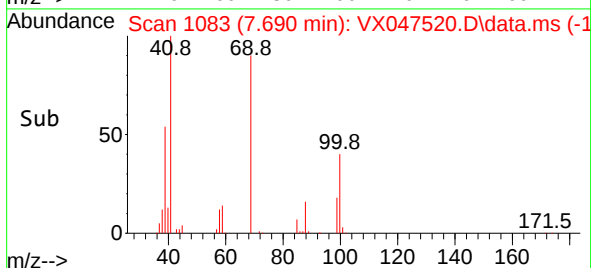
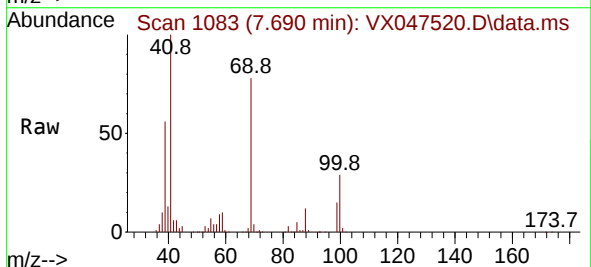
Manual Integrations
APPROVED

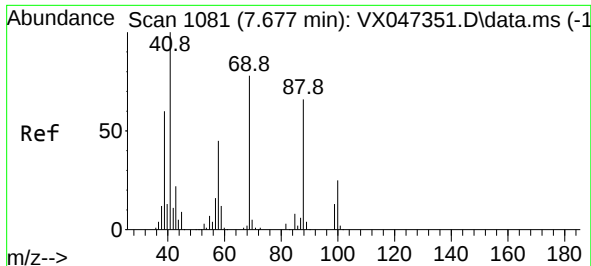
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#48
Methyl methacrylate
Concen: 50.382 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

Tgt Ion: 41 Resp: 156876
Ion Ratio Lower Upper
41 100
69 79.5 65.0 97.4
39 56.9 45.7 68.5





#49

1,4-Dioxane

Concen: 1182.916 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.000 min

Lab File: VX047520.D

Acq: 25 Aug 2025 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 35800

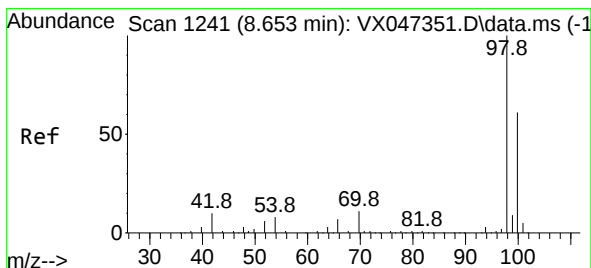
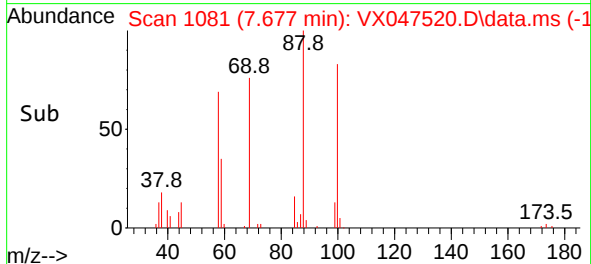
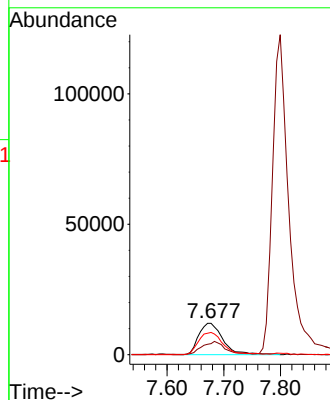
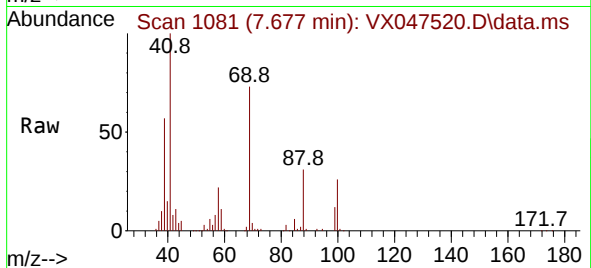
Ion	Ratio	Lower	Upper
88	100		
43	38.7	32.4	48.6
58	71.7	56.9	85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#50

Toluene-d8

Concen: 49.189 ug/l

RT: 8.647 min Scan# 1240

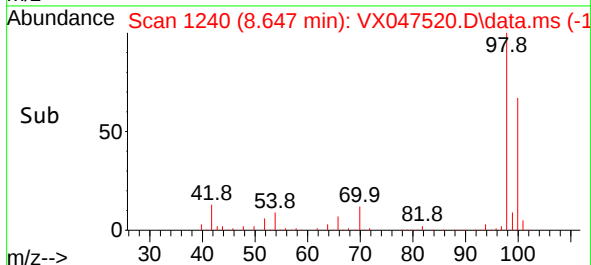
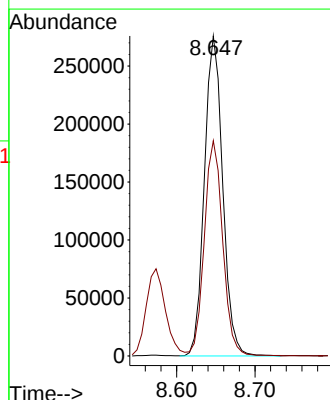
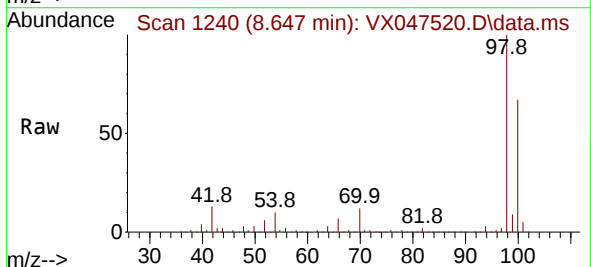
Delta R.T. -0.006 min

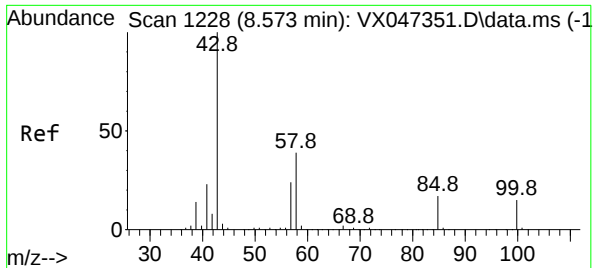
Lab File: VX047520.D

Acq: 25 Aug 2025 16:13

Tgt Ion: 98 Resp: 447973

Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.9	80.9





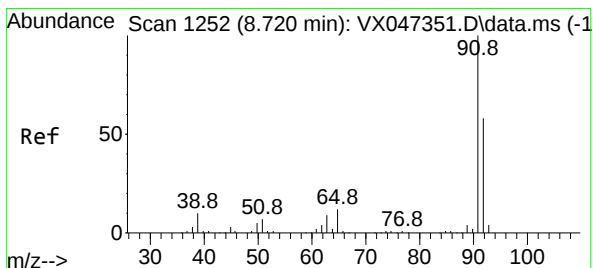
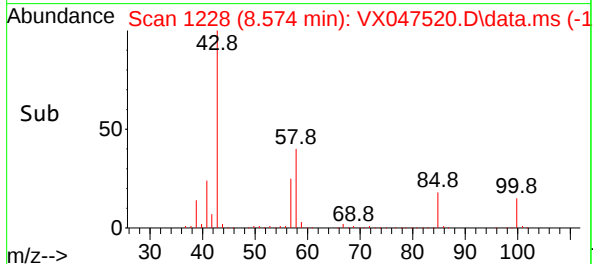
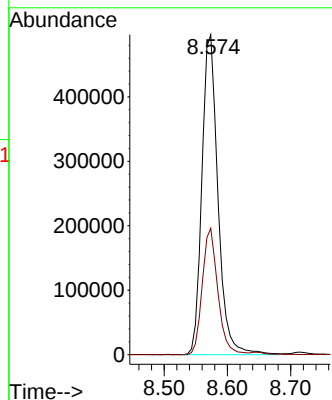
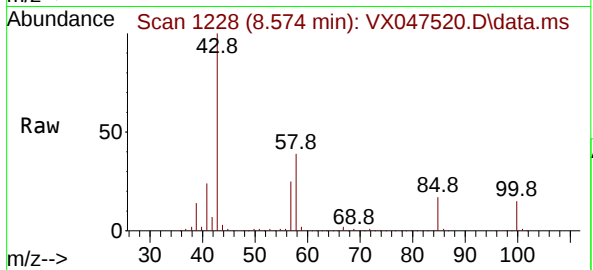
#51
4-Methyl-2-Pentanone
Concen: 254.182 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 877438
Ion Ratio Lower Upper
43 100
58 38.3 31.2 46.8

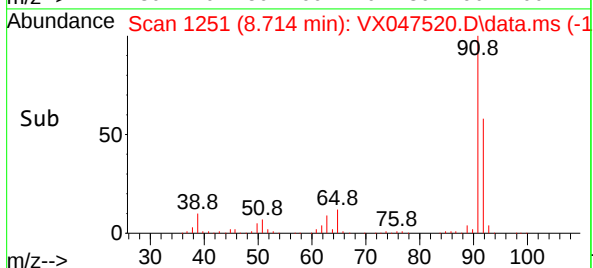
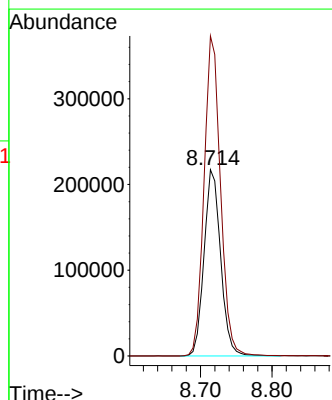
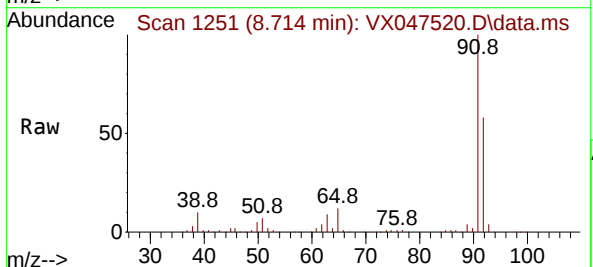
Manual Integrations
APPROVED

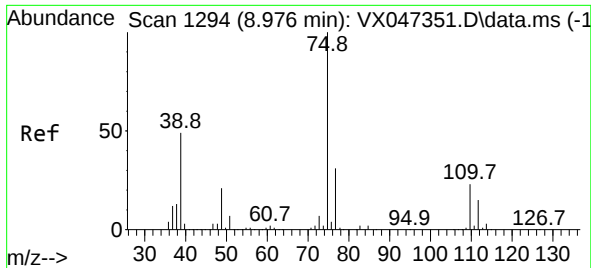
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#52
Toluene
Concen: 46.989 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

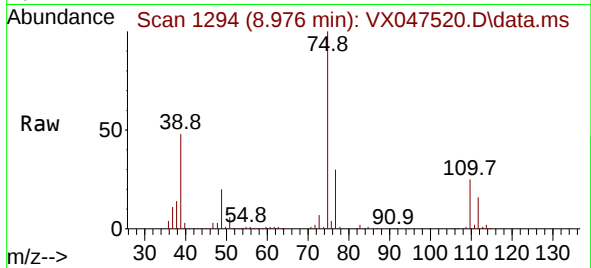
Tgt Ion: 92 Resp: 349569
Ion Ratio Lower Upper
92 100
91 170.6 136.3 204.5





#53
t-1,3-Dichloropropene
Concen: 51.910 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

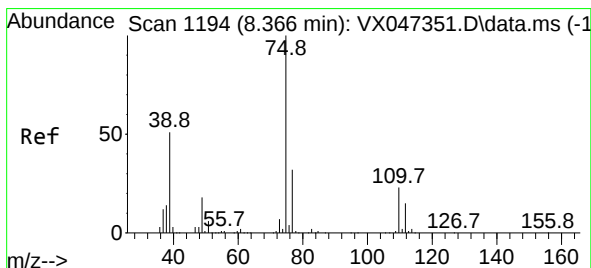
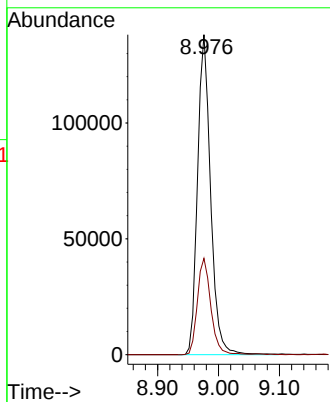
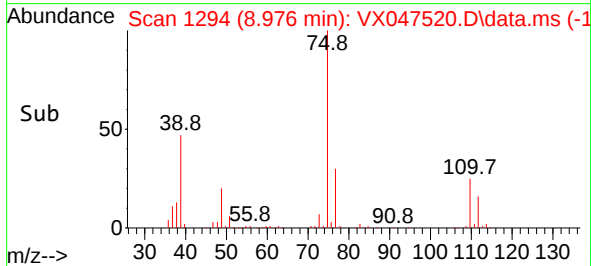
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 205654
Ion Ratio Lower Upper
75 100
77 30.1 24.7 37.1

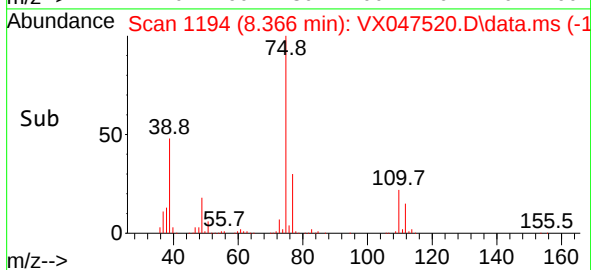
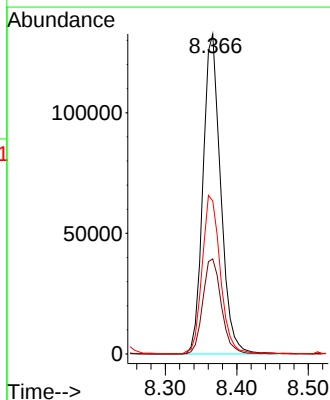
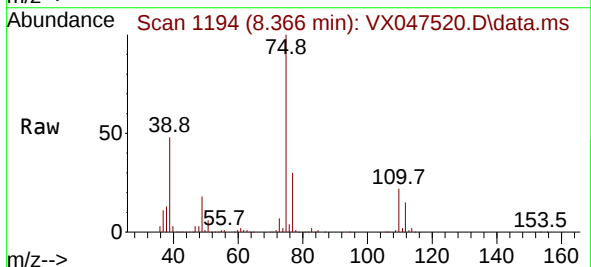
Manual Integrations
APPROVED

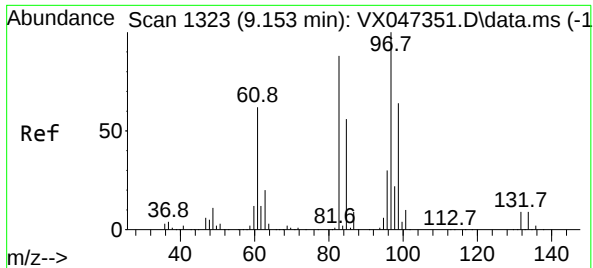
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#54
cis-1,3-Dichloropropene
Concen: 50.758 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

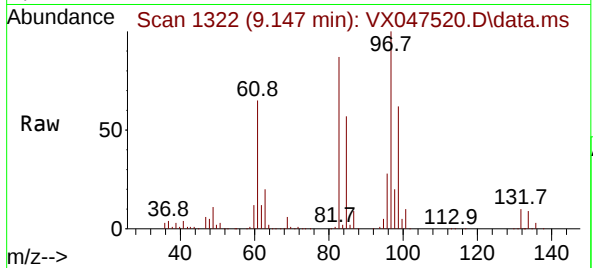
Tgt Ion: 75 Resp: 227612
Ion Ratio Lower Upper
75 100
77 29.7 25.6 38.4
39 47.7 40.9 61.3





#55
1,1,2-Trichloroethane
Concen: 50.478 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

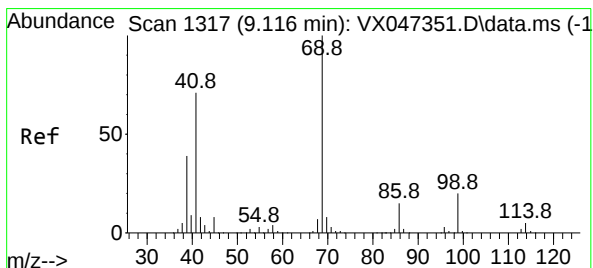
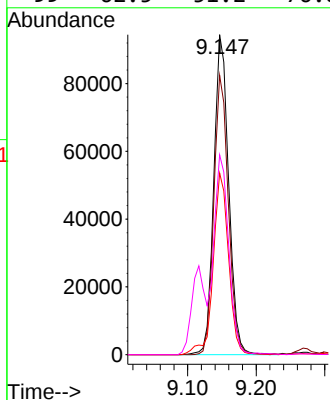
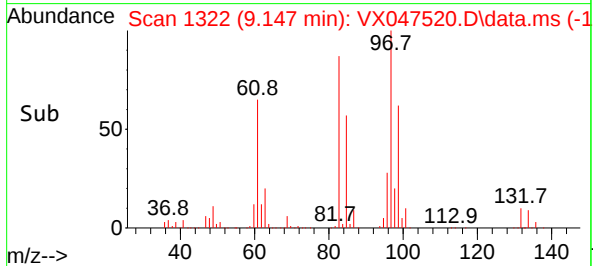
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



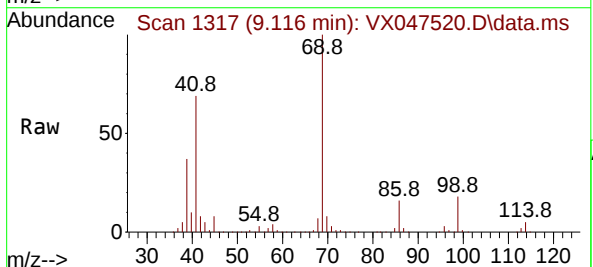
Tgt Ion: 97 Resp: 142577
Ion Ratio Lower Upper
97 100
83 87.3 70.6 106.0
85 56.7 44.7 67.1
99 62.5 51.2 76.8

Manual Integrations
APPROVED

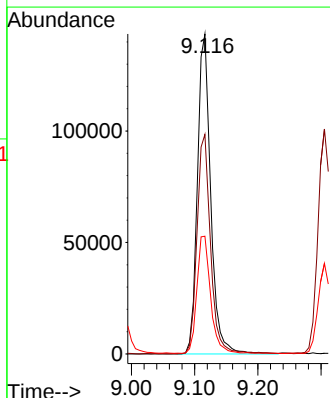
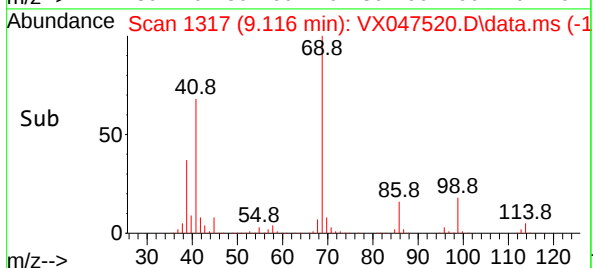
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

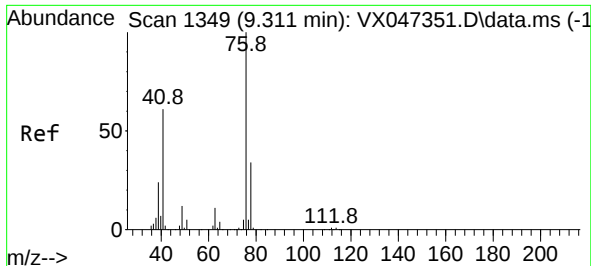


#56
Ethyl methacrylate
Concen: 50.614 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13



Tgt Ion: 69 Resp: 210777
Ion Ratio Lower Upper
69 100
41 69.7 55.3 82.9
39 37.7 30.2 45.2





#57

1,3-Dichloropropane

Concen: 49.301 ug/l

RT: 9.305 min Scan# 1134

Delta R.T. -0.006 min

Lab File: VX047520.D

Acq: 25 Aug 2025 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 237280

Ion Ratio Lower Upper

76 100

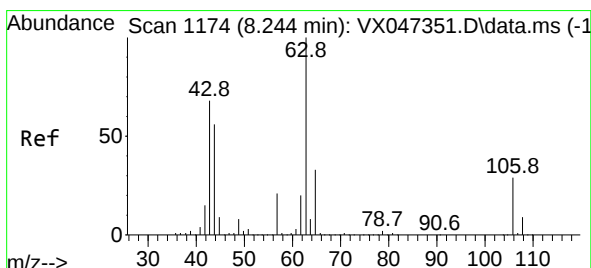
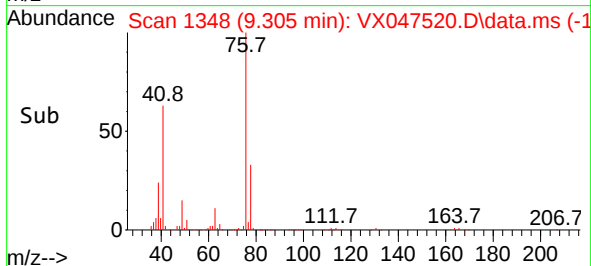
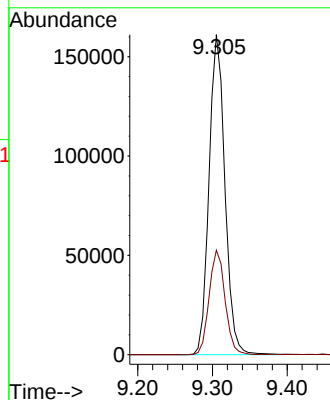
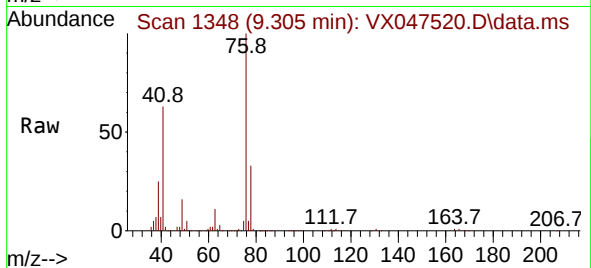
78 32.9 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#58

2-Chloroethyl Vinyl ether

Concen: 232.721 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047520.D

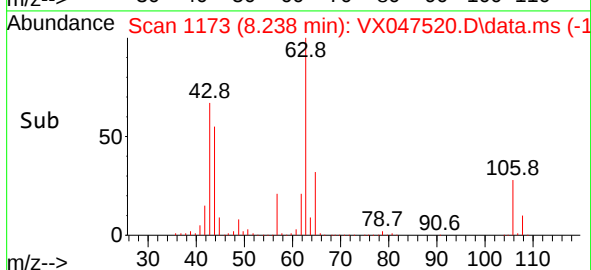
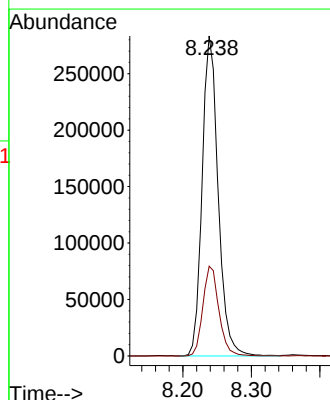
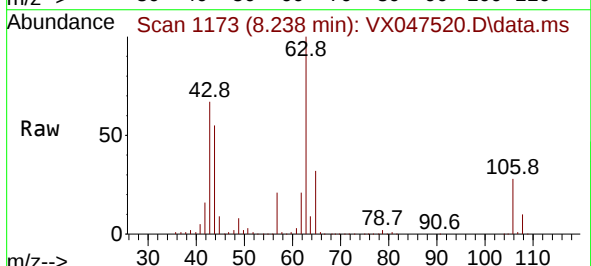
Acq: 25 Aug 2025 16:13

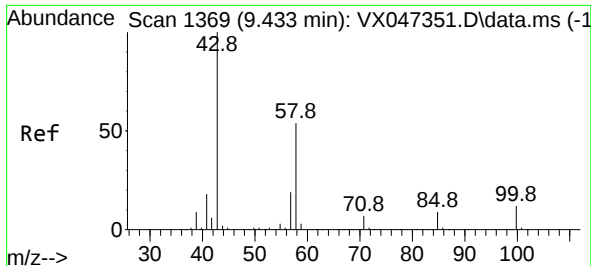
Tgt Ion: 63 Resp: 461585

Ion Ratio Lower Upper

63 100

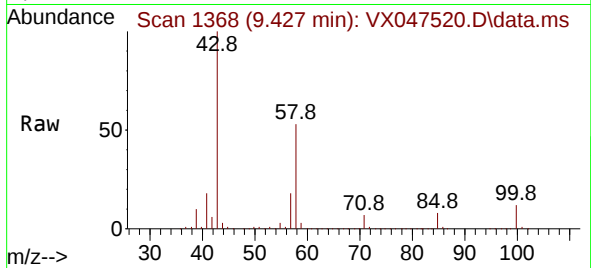
106 28.1 22.8 34.2





#59
2-Hexanone
Concen: 251.291 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

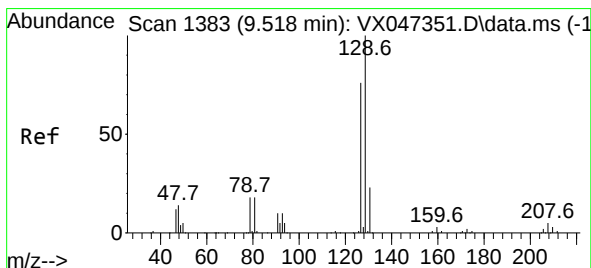
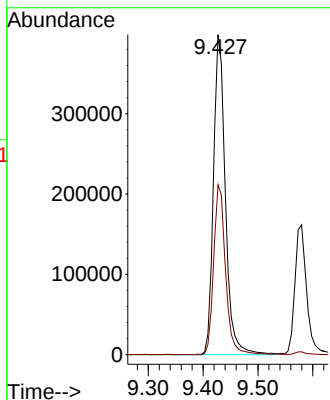
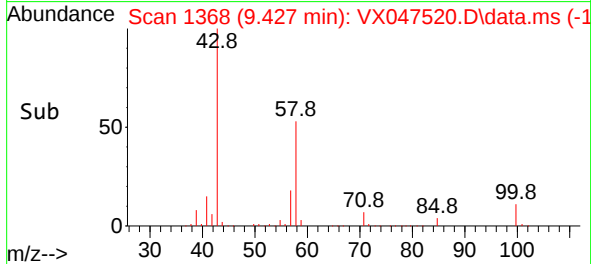
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 60004
Ion Ratio Lower Upper
43 100
58 53.3 26.9 80.7

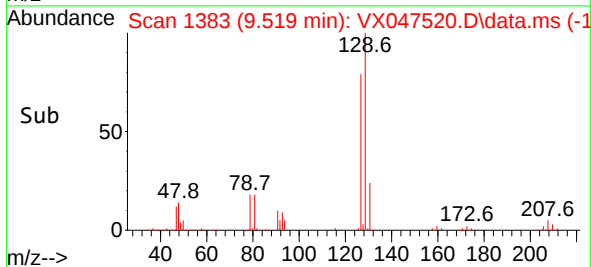
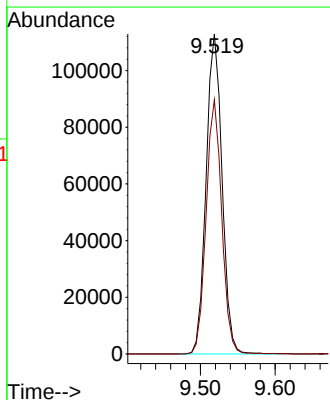
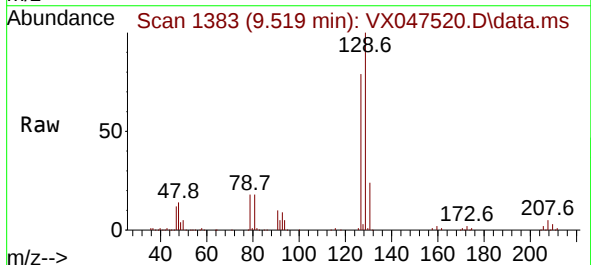
Manual Integrations
APPROVED

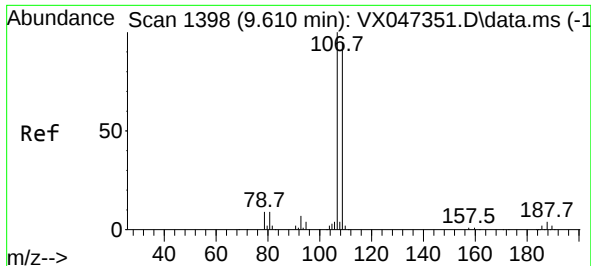
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#60
Dibromochloromethane
Concen: 49.863 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

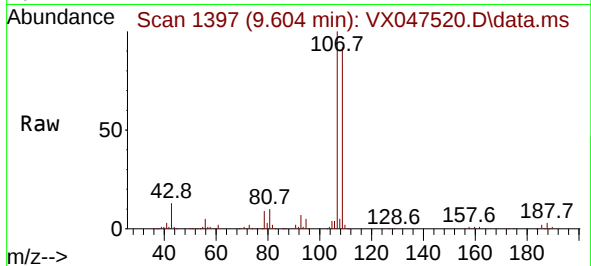
Tgt Ion:129 Resp: 167378
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.6





#61
1,2-Dibromoethane
Concen: 48.793 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

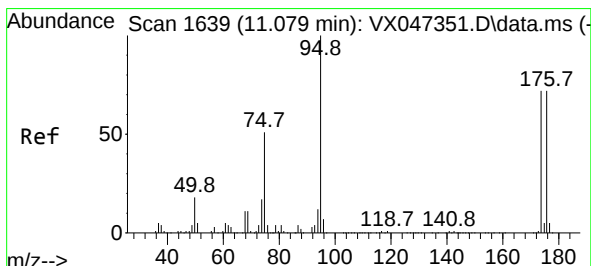
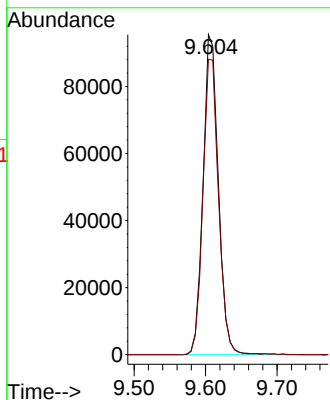
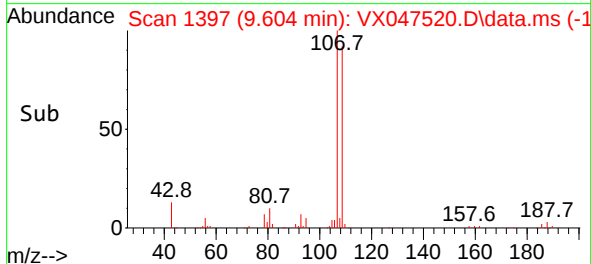
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



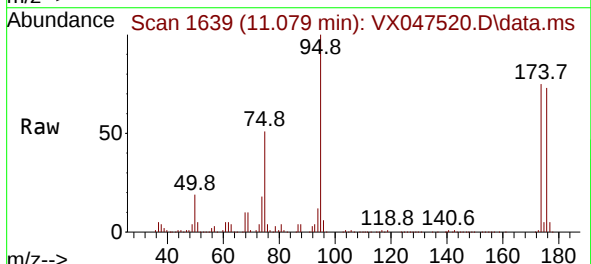
Tgt Ion:107 Resp: 142118
Ion Ratio Lower Upper
107 100
109 94.2 76.2 114.2

Manual Integrations
APPROVED

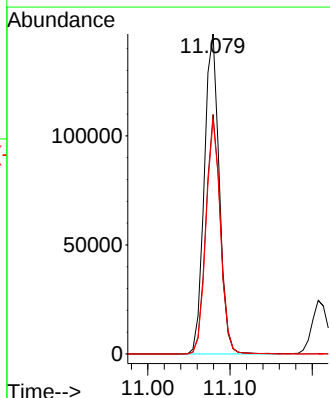
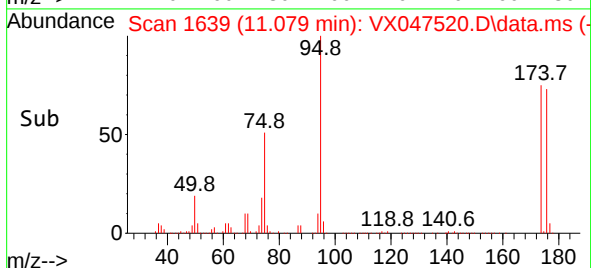
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

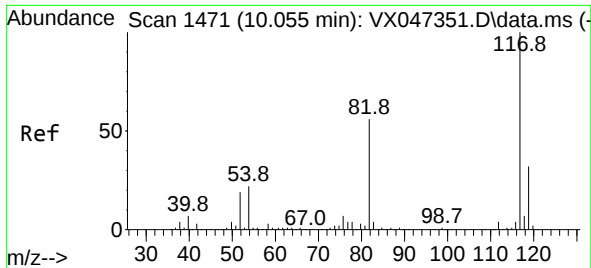


#62
4-Bromofluorobenzene
Concen: 54.963 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13



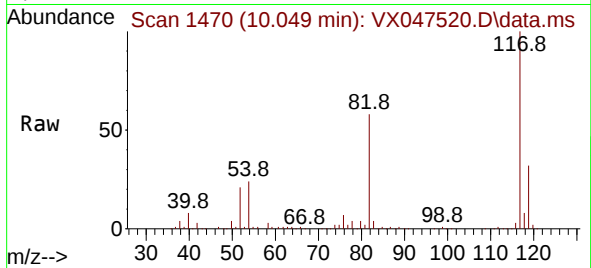
Tgt Ion: 95 Resp: 184716
Ion Ratio Lower Upper
95 100
174 73.5 0.0 148.0
176 70.7 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

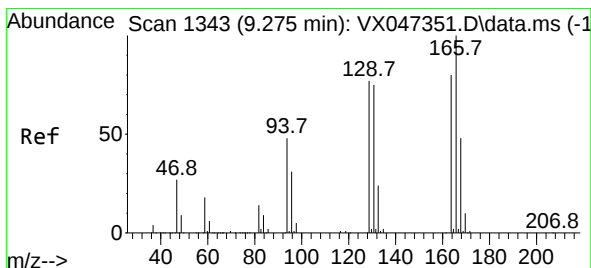
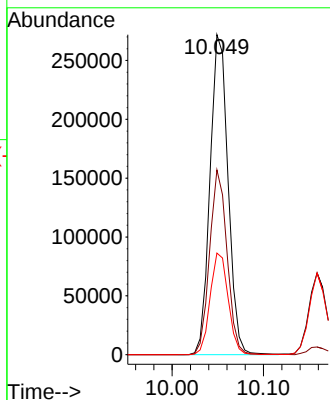
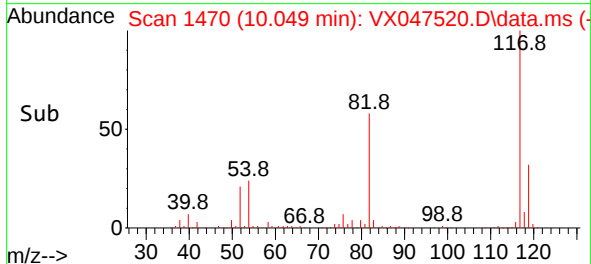
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 371979
Ion Ratio Lower Upper
117 100
82 57.8 45.0 67.4
119 31.7 25.8 38.8

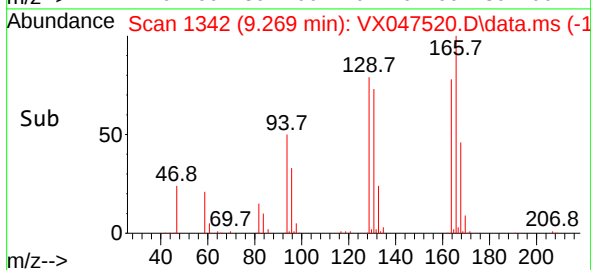
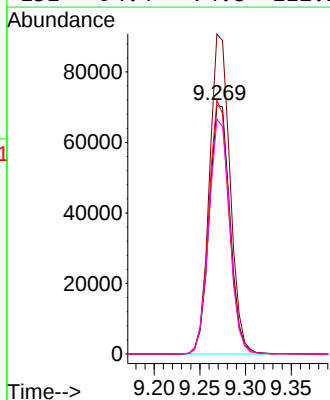
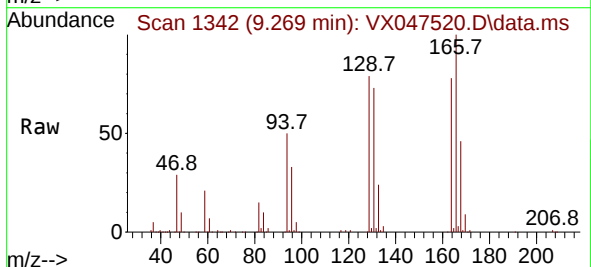
Manual Integrations
APPROVED

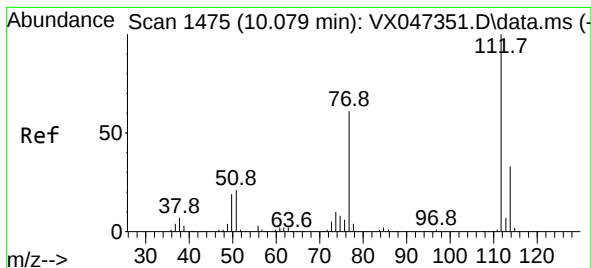
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#64
Tetrachloroethene
Concen: 41.274 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

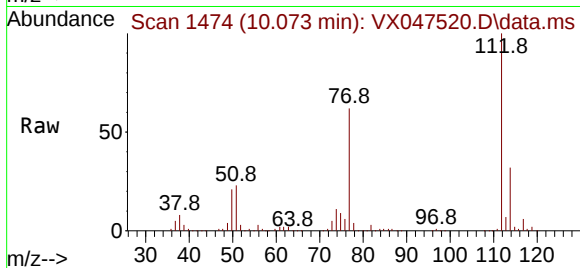
Tgt Ion:164 Resp: 111051
Ion Ratio Lower Upper
164 100
166 128.7 100.3 150.5
129 101.9 77.7 116.5
131 94.4 74.8 112.2





#65
Chlorobenzene
Concen: 44.351 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

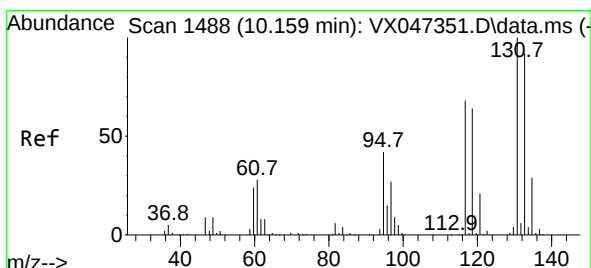
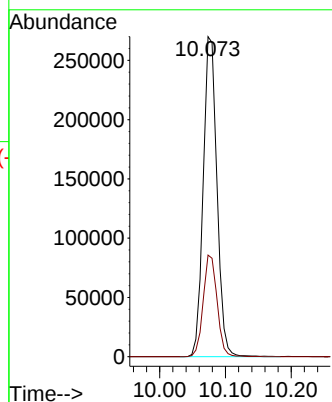
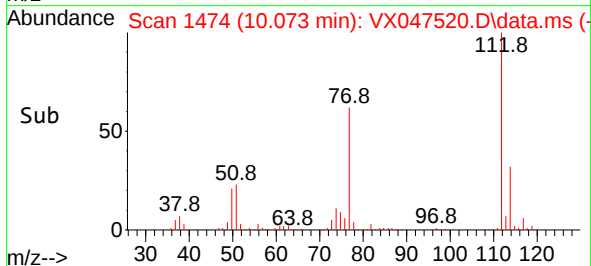
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 392048
Ion Ratio Lower Upper
112 100
114 31.7 26.4 39.6

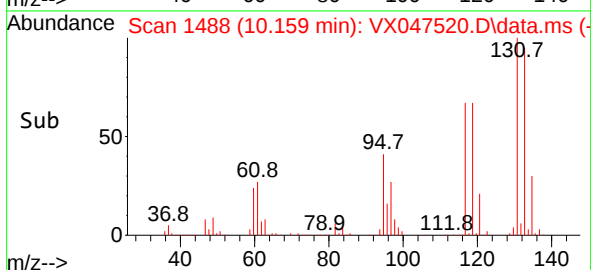
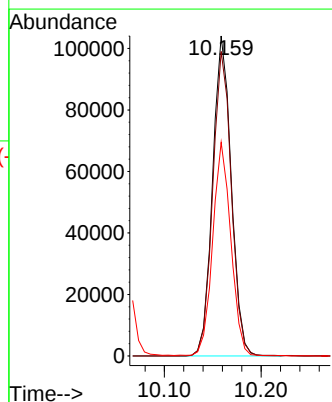
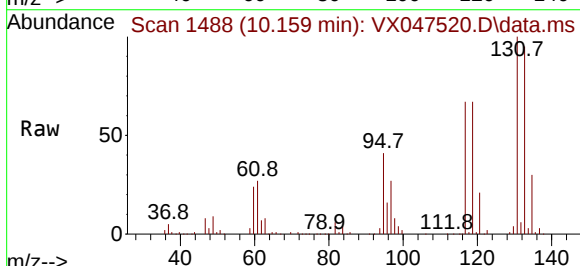
Manual Integrations
APPROVED

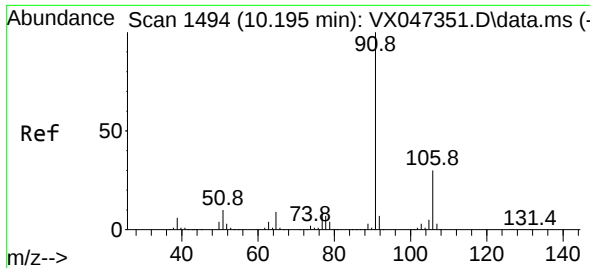
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 46.629 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

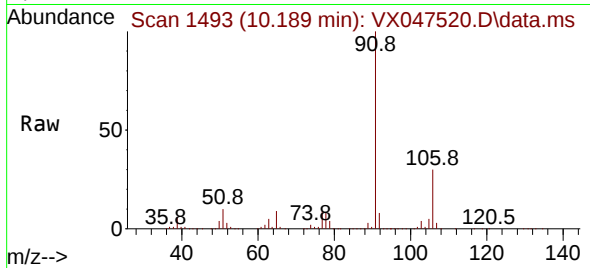
Tgt Ion:131 Resp: 139336
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.9
119 64.8 32.3 96.8





#67
Ethyl Benzene
Concen: 44.374 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

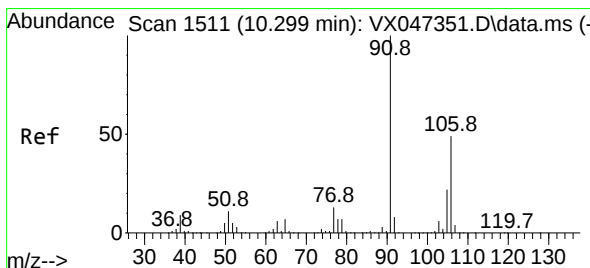
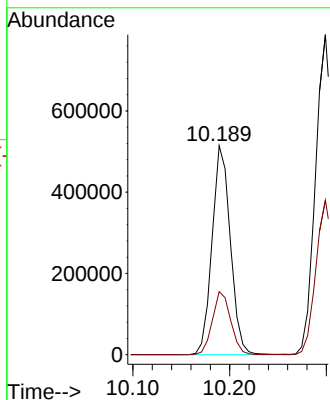
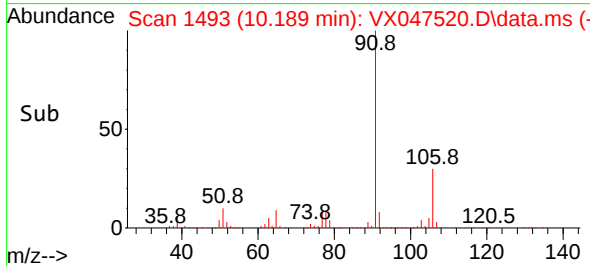
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



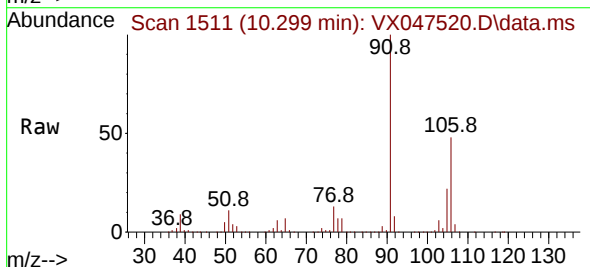
Tgt Ion: 91 Resp: 675119
Ion Ratio Lower Upper
91 100
106 30.1 24.4 36.6

Manual Integrations
APPROVED

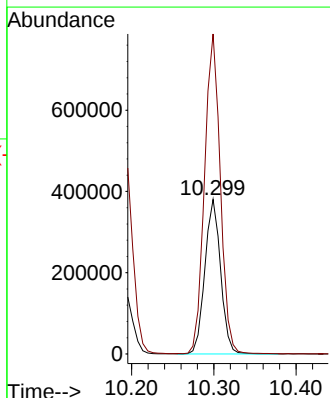
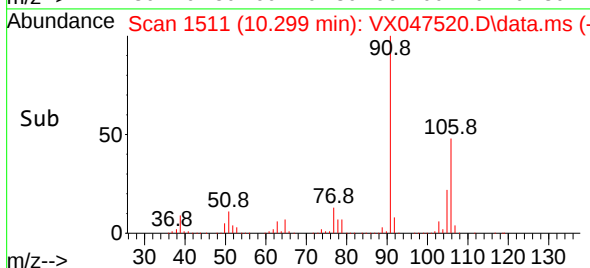
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

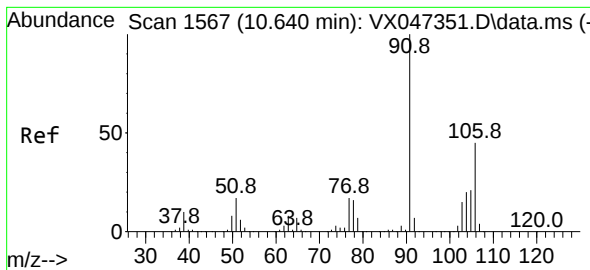


#68
m/p-Xylenes
Concen: 89.088 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13



Tgt Ion:106 Resp: 505402
Ion Ratio Lower Upper
106 100
91 208.2 164.7 247.1





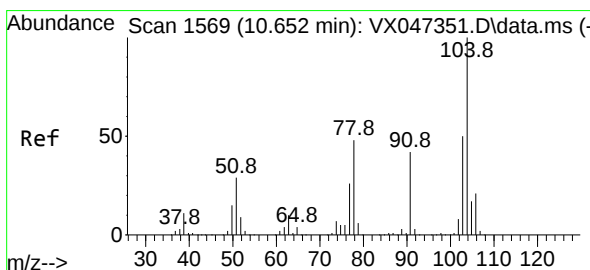
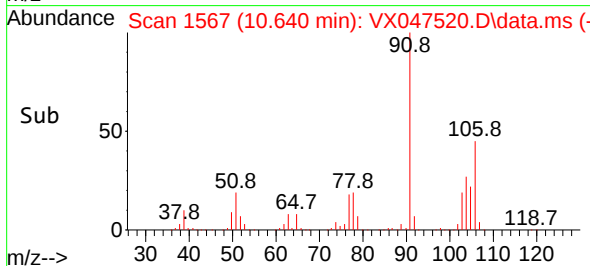
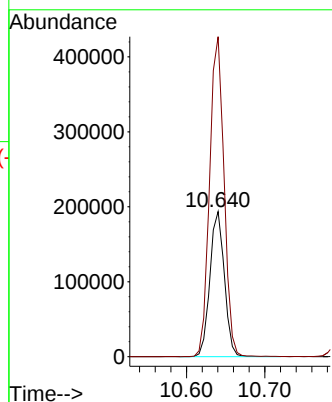
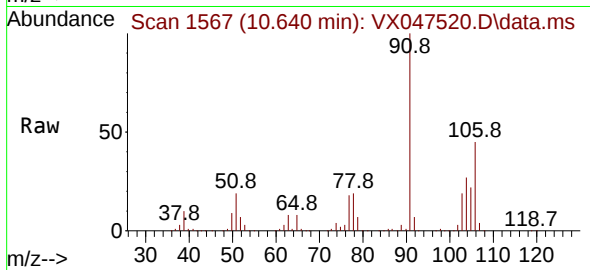
#69
o-Xylene
Concen: 45.396 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 247833
Ion Ratio Lower Upper
106 100
91 220.5 110.6 331.8

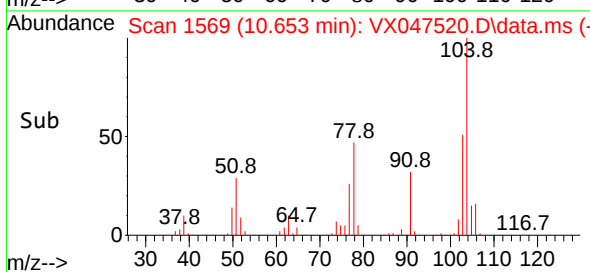
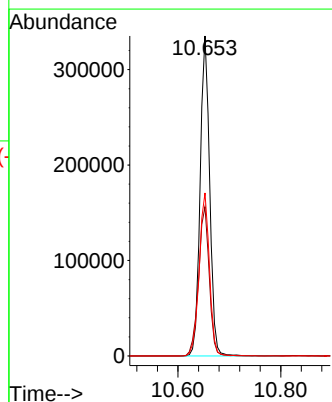
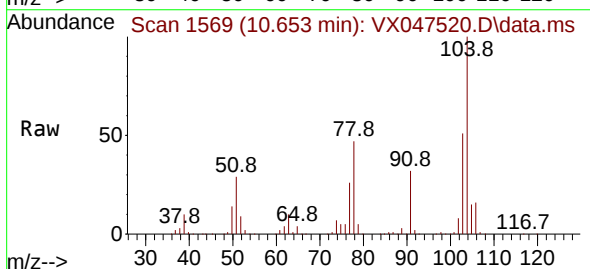
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#70
Styrene
Concen: 46.848 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

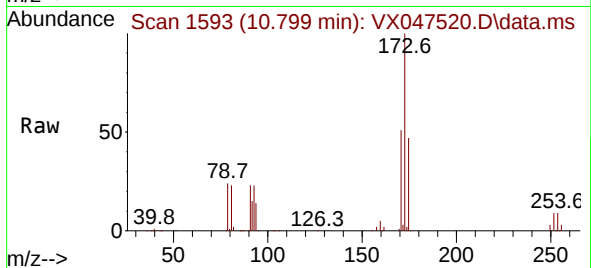
Tgt Ion:104 Resp: 432156
Ion Ratio Lower Upper
104 100
78 52.2 41.8 62.8
103 55.1 43.6 65.4





#71
Bromoform
Concen: 47.999 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

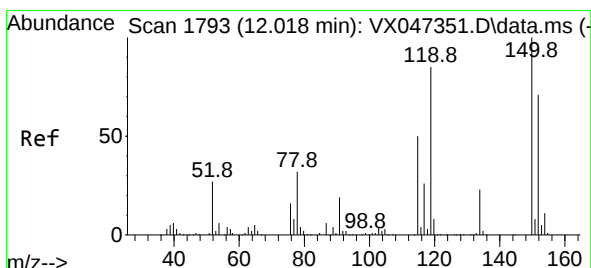
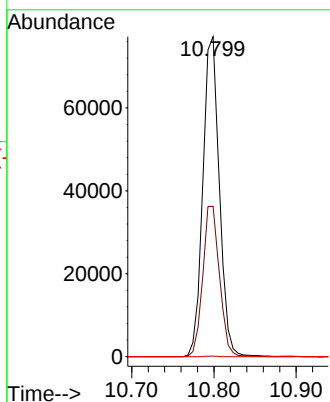
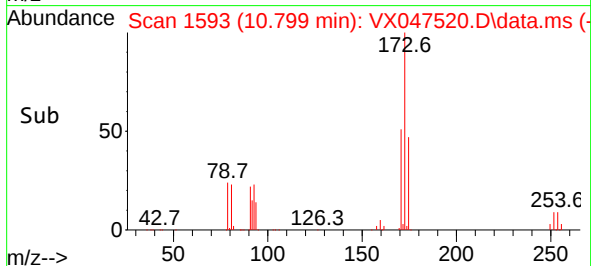
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



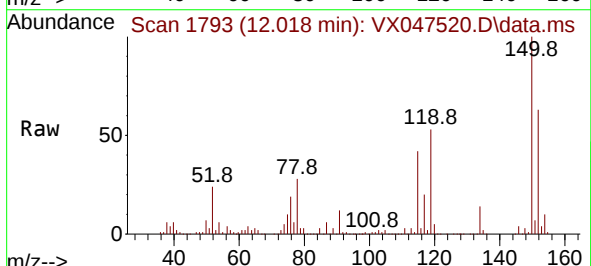
Tgt Ion:173 Resp: 10775
Ion Ratio Lower Upper
173 100
175 47.7 24.4 73.4
254 0.2 0.1 0.1

Manual Integrations
APPROVED

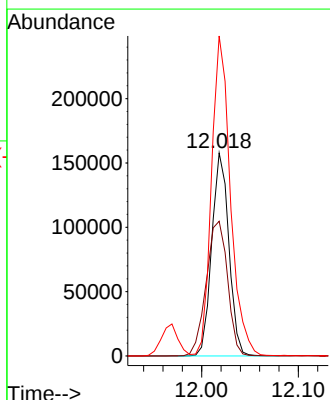
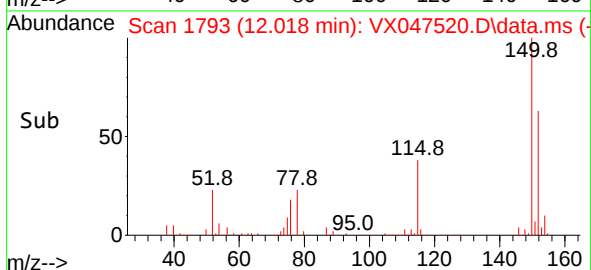
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

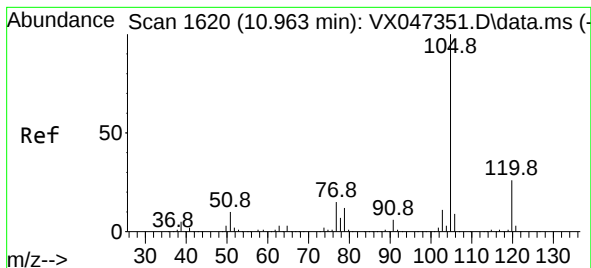


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13



Tgt Ion:152 Resp: 193545
Ion Ratio Lower Upper
152 100
115 83.1 44.6 133.8
150 173.9 0.0 349.8





#73

Isopropylbenzene

Concen: 41.363 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX047520.D

Acq: 25 Aug 2025 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 62647

Ion Ratio Lower Upper

105 100

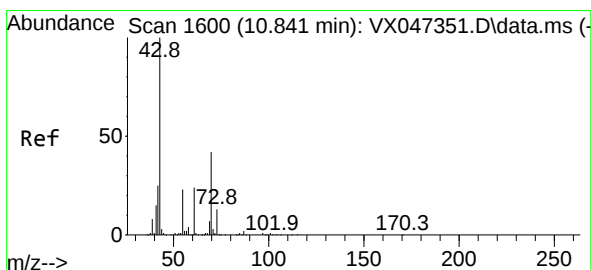
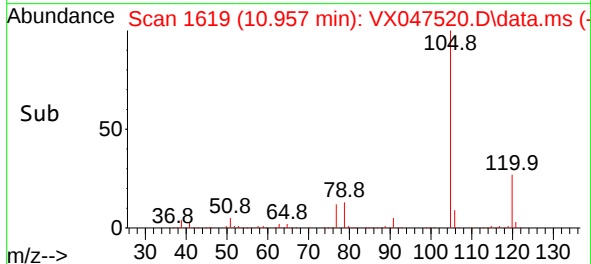
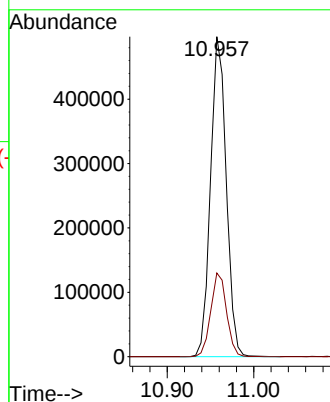
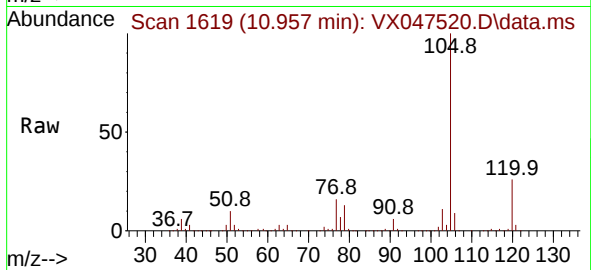
120 26.2 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#74

N-ethyl acetate

Concen: 44.248 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX047520.D

Acq: 25 Aug 2025 16:13

Tgt Ion: 43 Resp: 254492

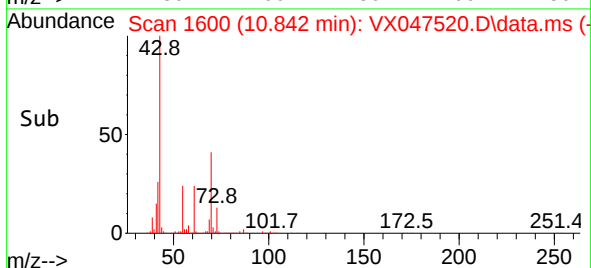
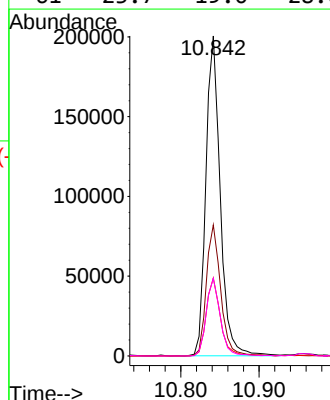
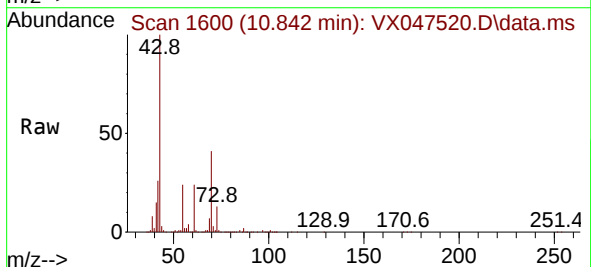
Ion Ratio Lower Upper

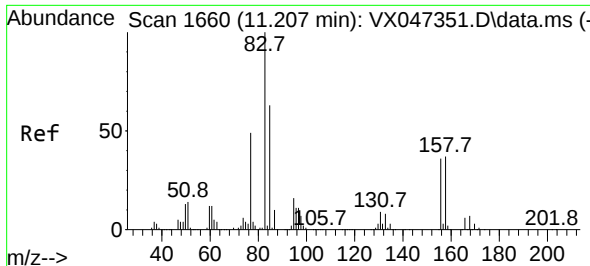
43 100

70 41.1 33.1 49.7

55 24.2 19.0 28.6

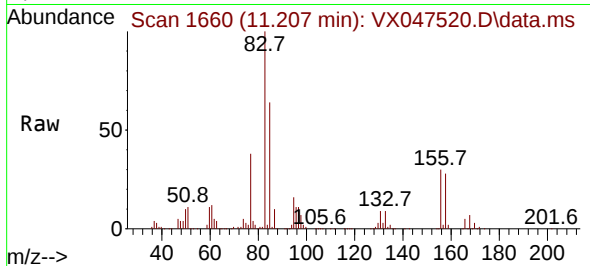
61 23.7 19.0 28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 44.636 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

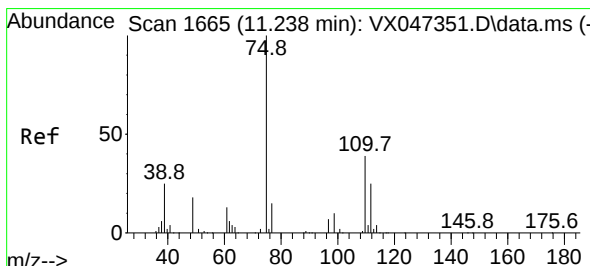
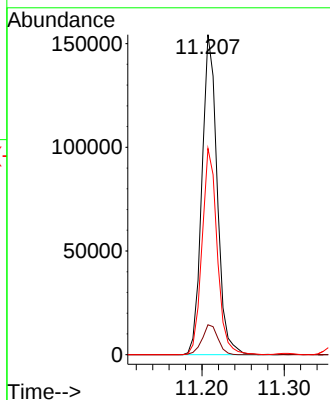
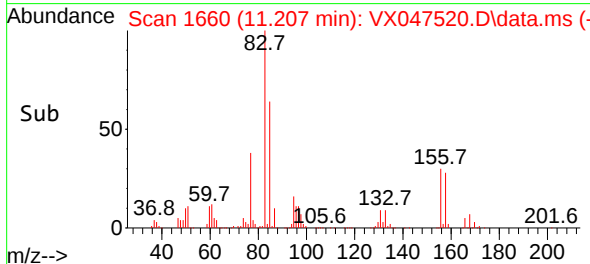
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 19849
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 64.1 31.7 95.1

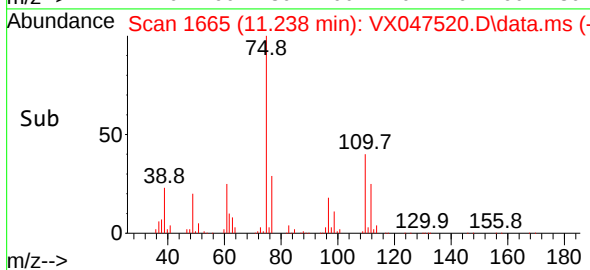
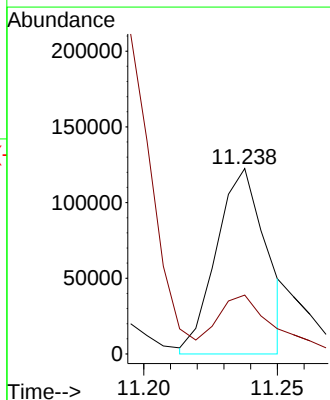
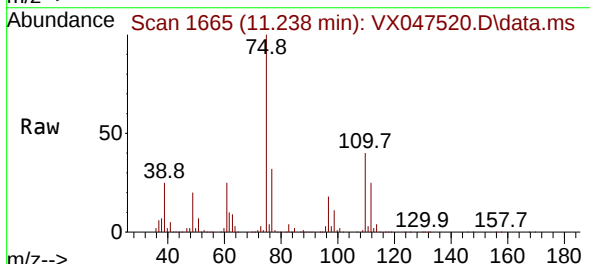
Manual Integrations
APPROVED

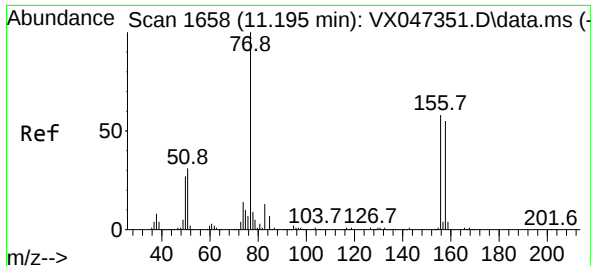
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#76
1,2,3-Trichloropropane
Concen: 44.606 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

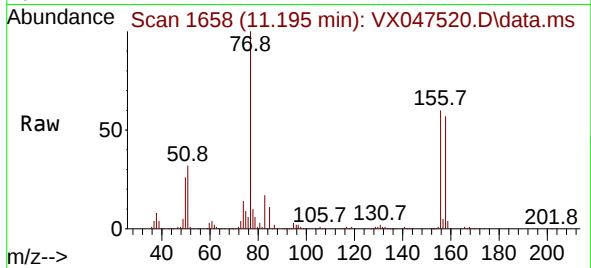
Tgt Ion: 75 Resp: 158344
Ion Ratio Lower Upper
75 100
77 37.2 19.4 58.2





#77
Bromobenzene
Concen: 43.344 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

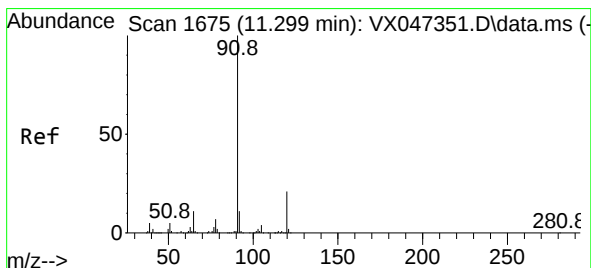
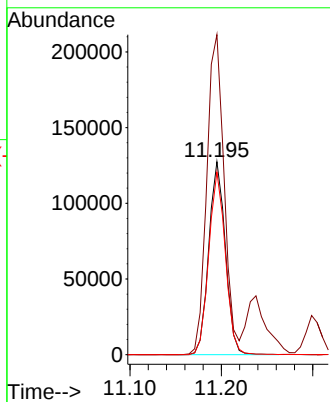
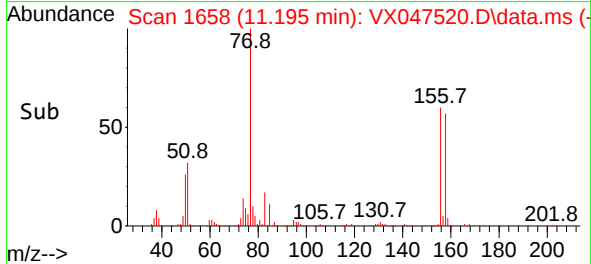
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 160304
Ion Ratio Lower Upper
156 100
77 173.0 86.3 258.9
158 95.0 48.0 144.2

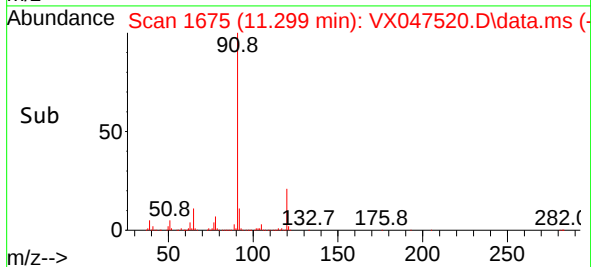
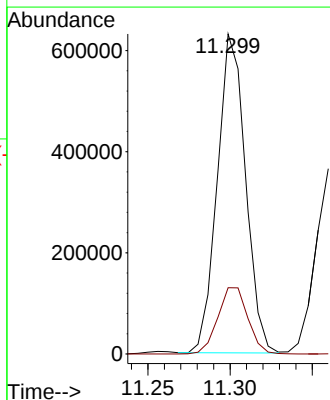
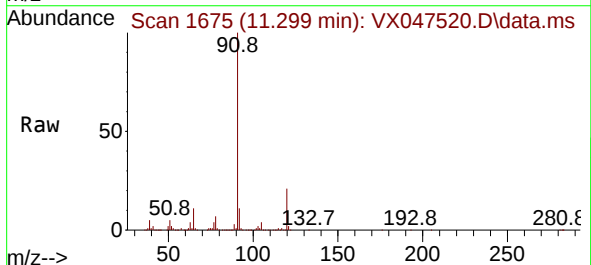
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#78
n-propylbenzene
Concen: 41.624 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

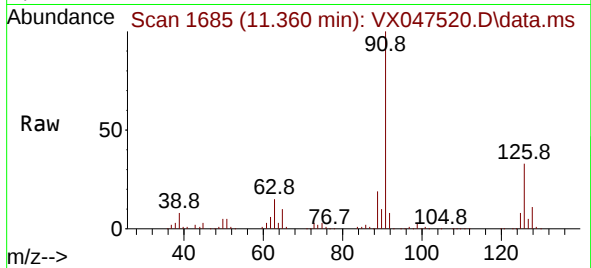
Tgt Ion: 91 Resp: 752921
Ion Ratio Lower Upper
91 100
120 22.2 11.0 33.0





#79
2-Chlorotoluene
Concen: 41.605 ug/l
RT: 11.360 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

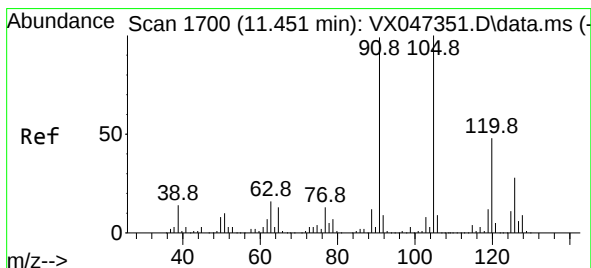
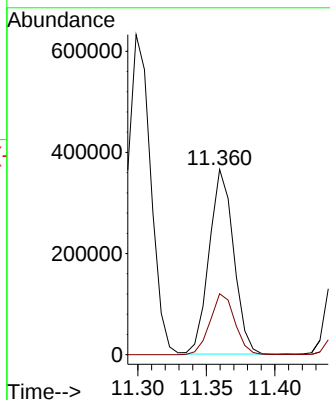
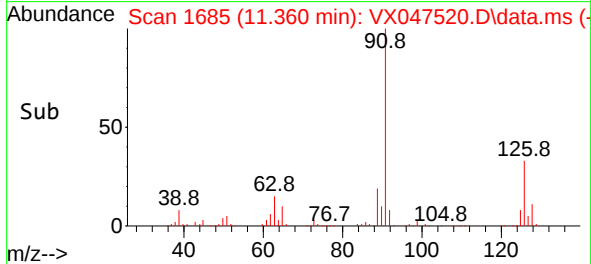
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



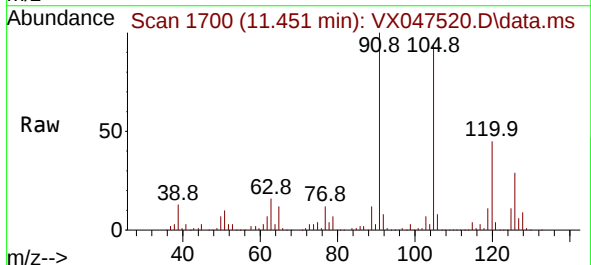
Tgt Ion: 91 Resp: 454944
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.1

Manual Integrations
APPROVED

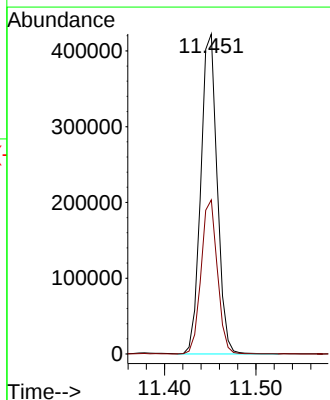
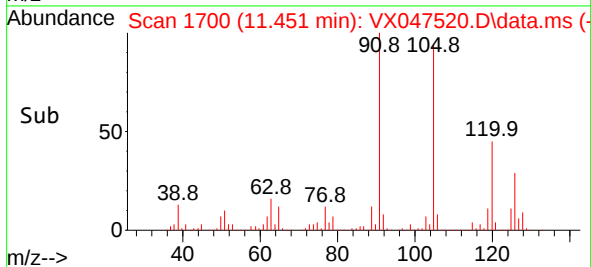
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

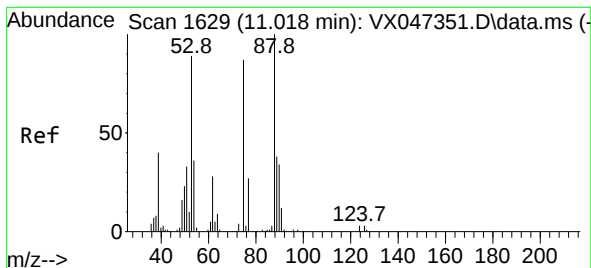


#80
1,3,5-Trimethylbenzene
Concen: 42.149 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13



Tgt Ion:105 Resp: 525246
Ion Ratio Lower Upper
105 100
120 47.6 23.9 71.7





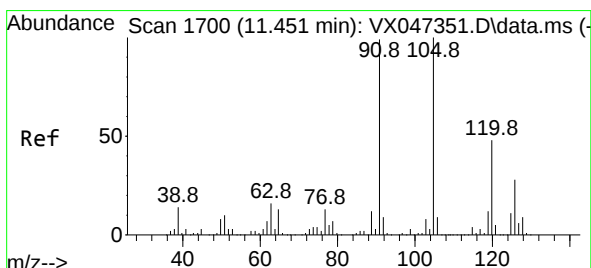
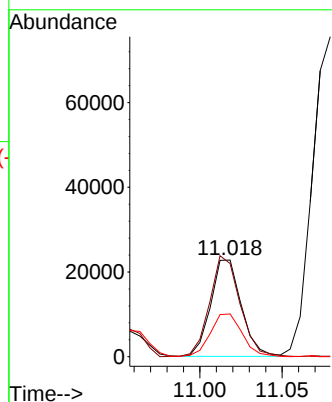
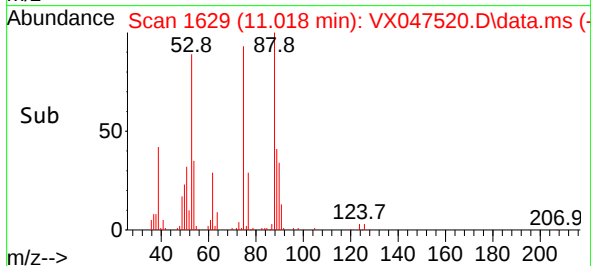
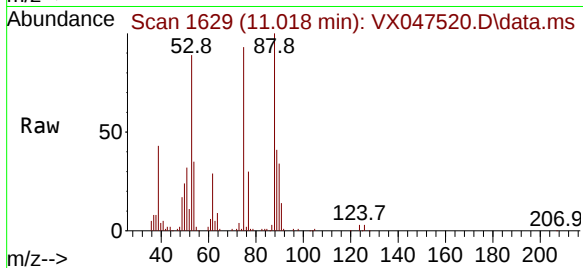
#81
trans-1,4-Dichloro-2-butene
Concen: 38.357 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 29550
Ion Ratio Lower Upper
75 100
53 103.0 85.2 127.8
89 46.0 36.7 55.1

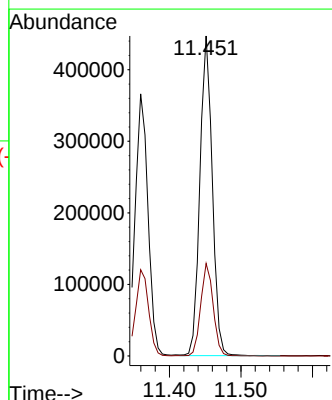
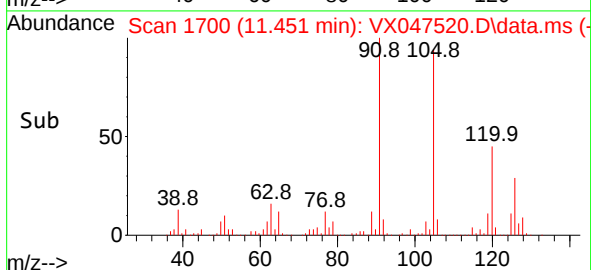
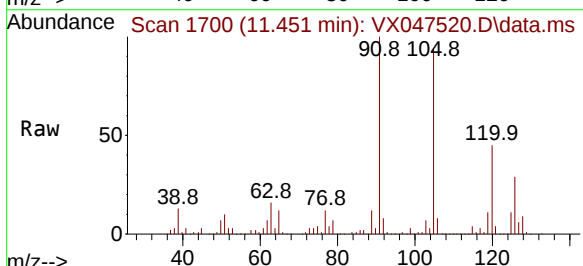
Manual Integrations
APPROVED

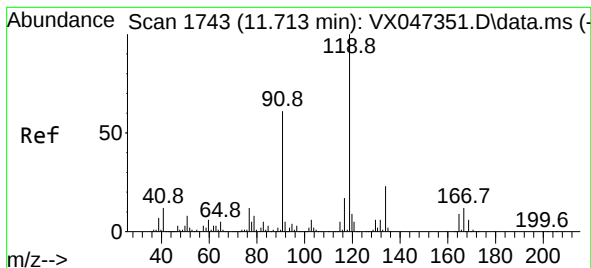
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#82
4-Chlorotoluene
Concen: 41.582 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

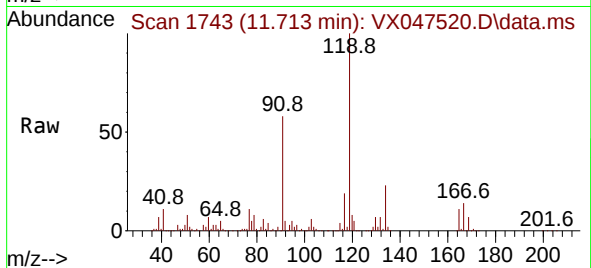
Tgt Ion: 91 Resp: 535987
Ion Ratio Lower Upper
91 100
126 29.2 14.4 43.0





#83
tert-Butylbenzene
Concen: 42.775 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

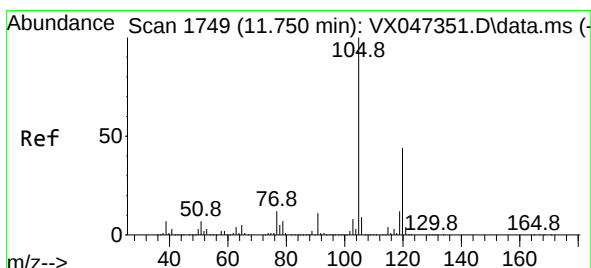
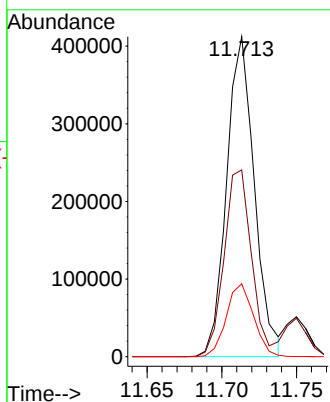
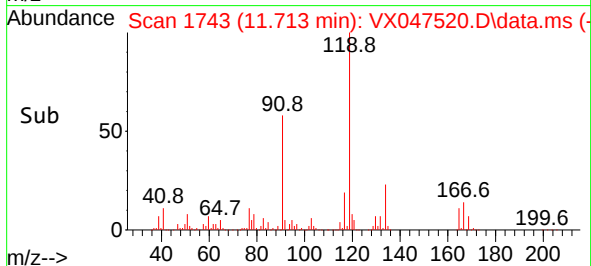
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



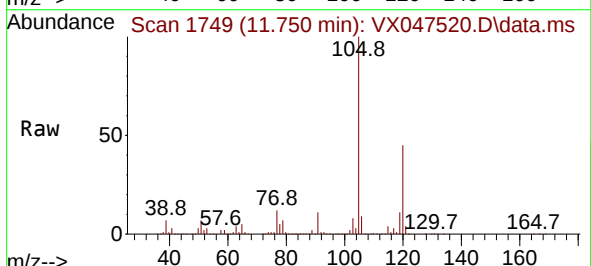
Tgt Ion:119 Resp: 53180
Ion Ratio Lower Upper
119 100
91 57.3 29.1 87.4
134 22.5 11.3 33.9

Manual Integrations
APPROVED

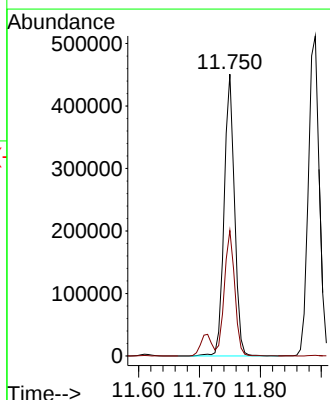
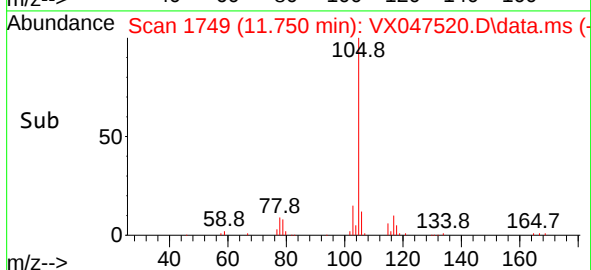
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

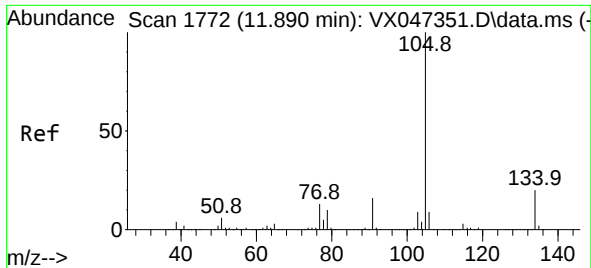


#84
1,2,4-Trimethylbenzene
Concen: 42.796 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13



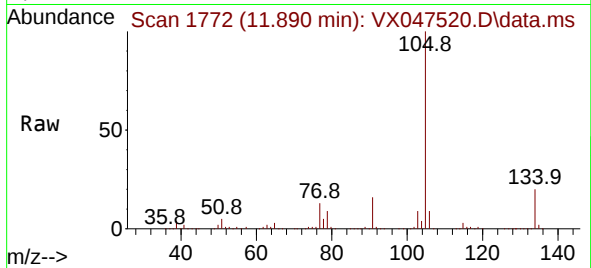
Tgt Ion:105 Resp: 533330
Ion Ratio Lower Upper
105 100
120 44.5 21.9 65.7





#85
 sec-Butylbenzene
 Concen: 41.390 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047520.D
 Acq: 25 Aug 2025 16:13

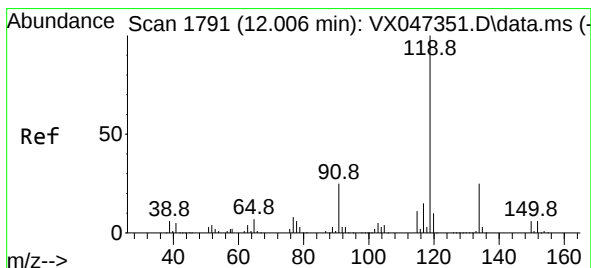
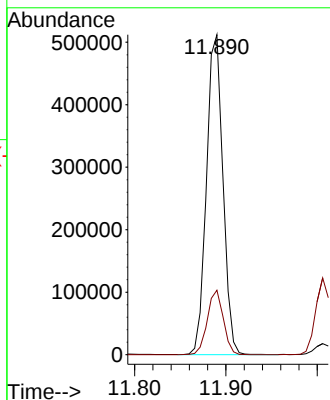
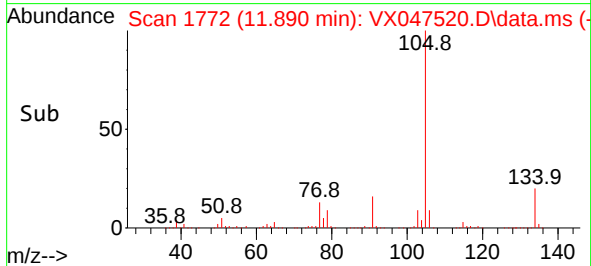
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



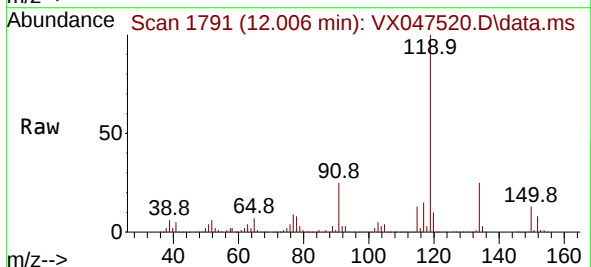
Tgt Ion:105 Resp: 637815
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.5

Manual Integrations
 APPROVED

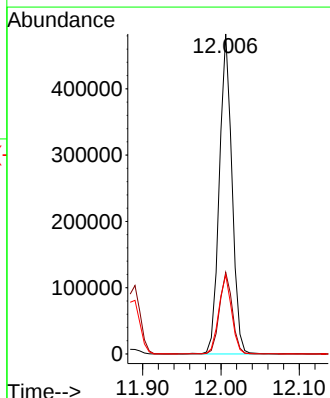
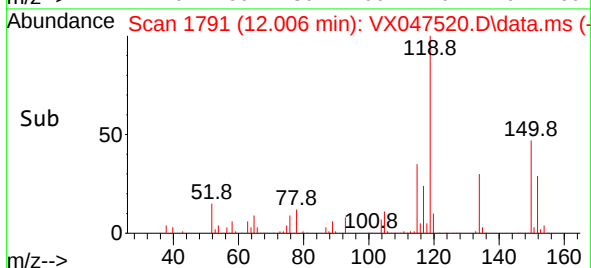
Reviewed By :John Carlone 08/26/2025
 Supervised By :Mahesh Dadoda 08/26/2025



#86
 p-Isopropyltoluene
 Concen: 41.518 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047520.D
 Acq: 25 Aug 2025 16:13



Tgt Ion:119 Resp: 541390
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.4
 91 25.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 41.905 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX047520.D

Acq: 25 Aug 2025 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 29608

Ion Ratio Lower Upper

146 100

111 42.5 20.6 61.8

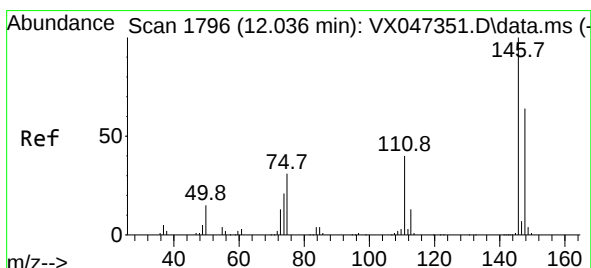
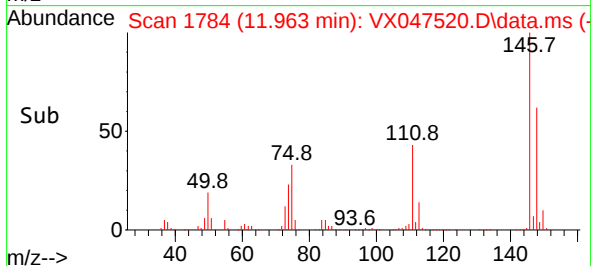
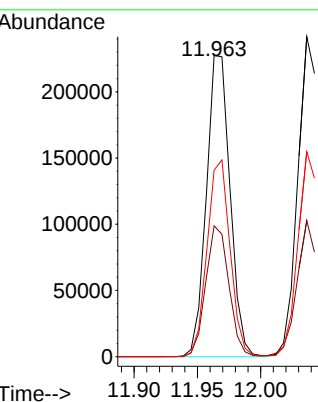
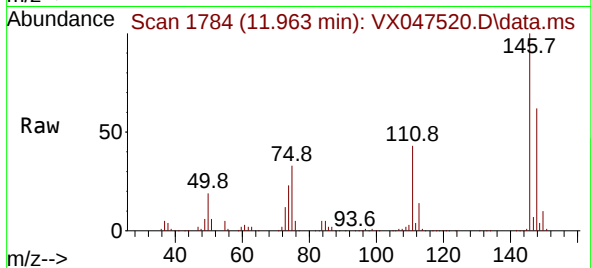
148 63.4 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#88

1,4-Dichlorobenzene

Concen: 40.966 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047520.D

Acq: 25 Aug 2025 16:13

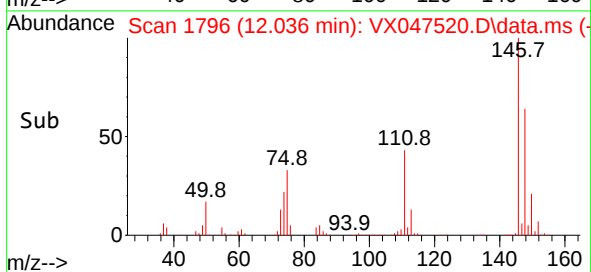
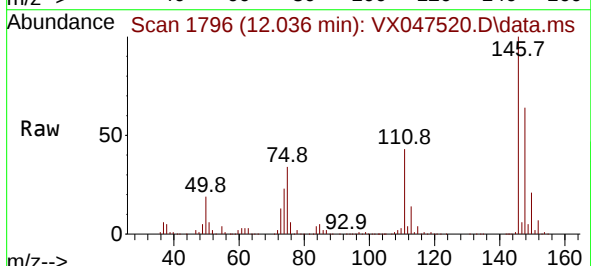
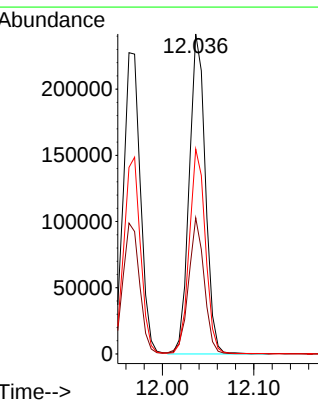
Tgt Ion:146 Resp: 297694

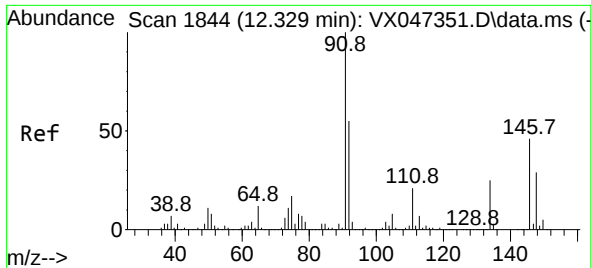
Ion Ratio Lower Upper

146 100

111 40.9 20.4 61.2

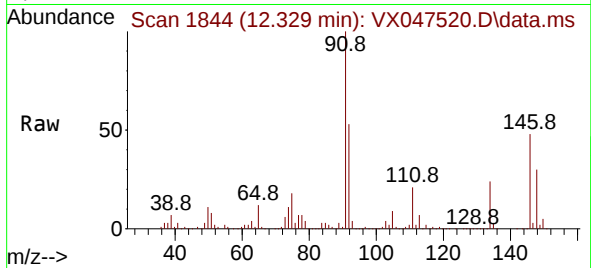
148 63.7 31.7 95.1





#89
n-Butylbenzene
Concen: 41.441 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

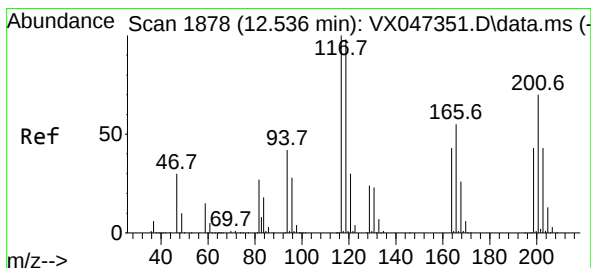
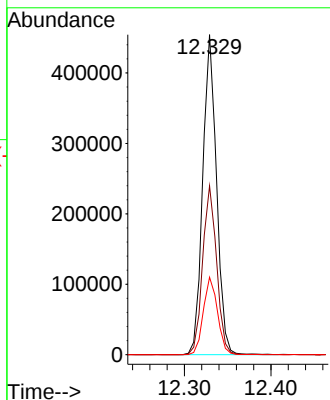
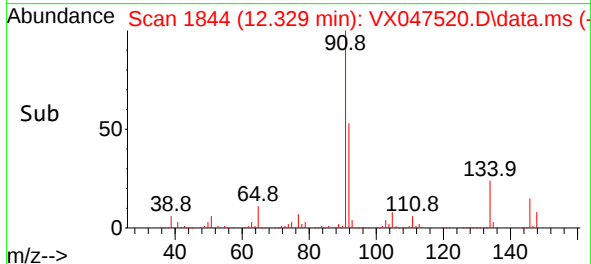
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 50262
Ion Ratio Lower Upper
91 100
92 53.6 27.2 81.5
134 24.9 12.6 37.8

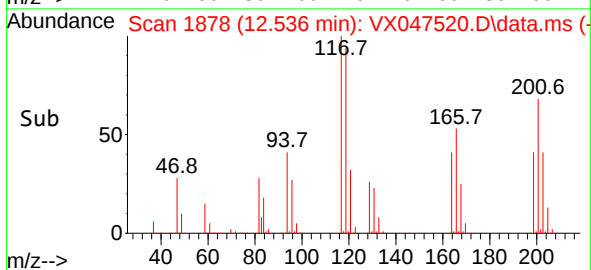
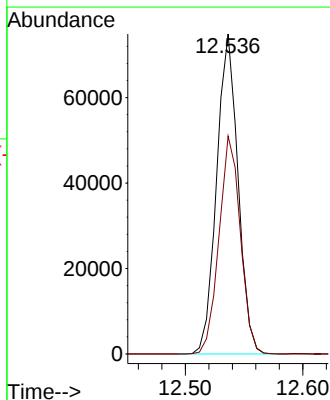
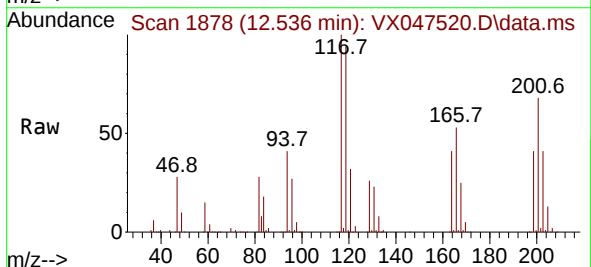
Manual Integrations
APPROVED

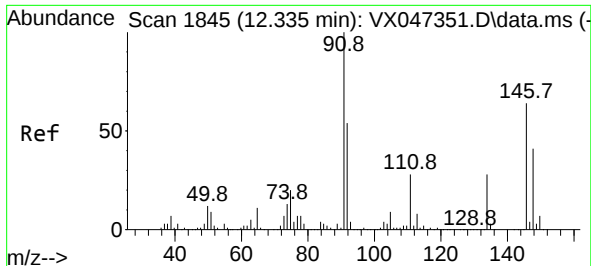
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#90
Hexachloroethane
Concen: 41.438 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

Tgt Ion:117 Resp: 94796
Ion Ratio Lower Upper
117 100
201 68.0 35.1 105.3





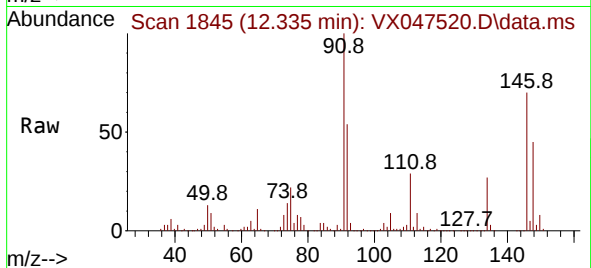
#91
1,2-Dichlorobenzene
Concen: 42.682 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



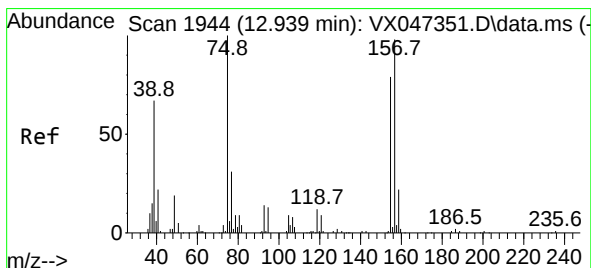
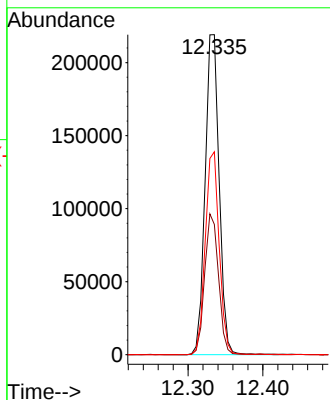
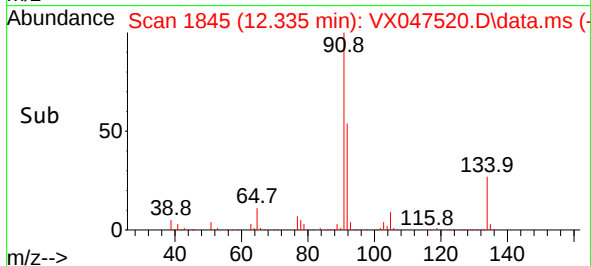
Tgt Ion:146 Resp: 28624
Ion Ratio Lower Upper
146 100
111 43.4 22.1 66.1
148 63.0 31.9 95.5

Manual Integrations

APPROVED

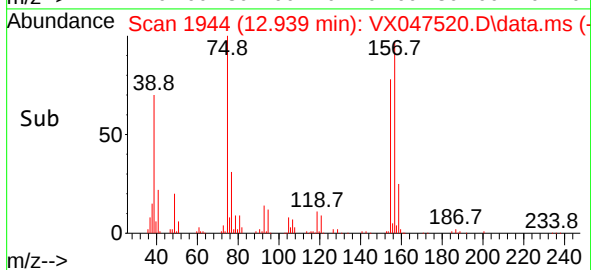
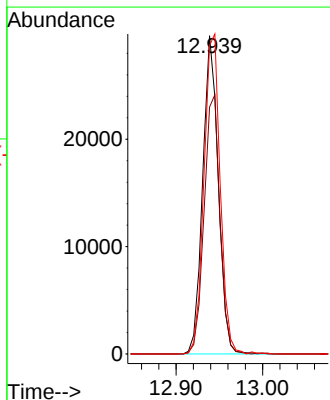
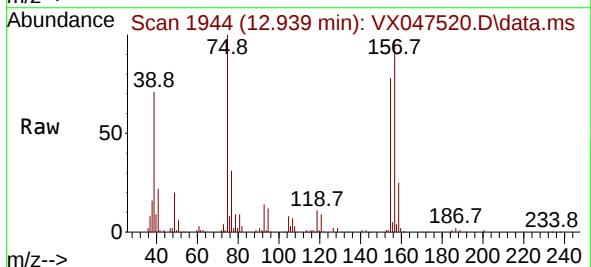
Reviewed By :John Carlone 08/26/2025

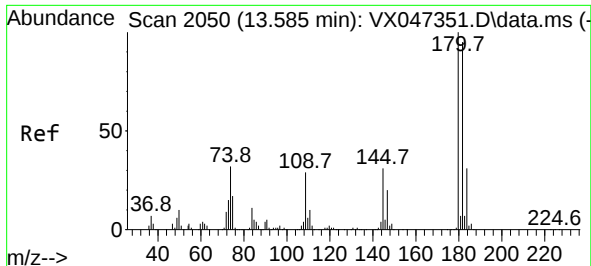
Supervised By :Mahesh Dadoda 08/26/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.094 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

Tgt Ion: 75 Resp: 37060
Ion Ratio Lower Upper
75 100
155 82.5 41.3 123.7
157 104.5 51.5 154.5





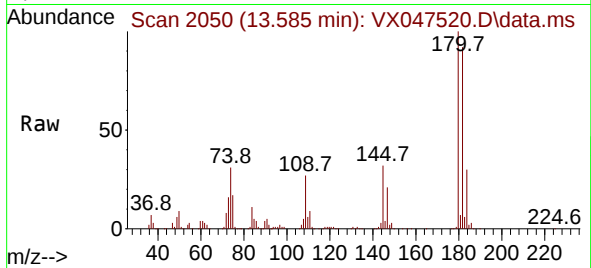
#93
1,2,4-Trichlorobenzene
Concen: 41.832 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



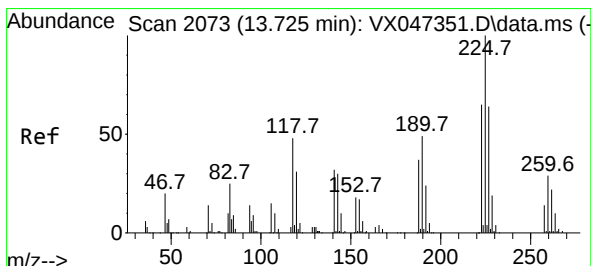
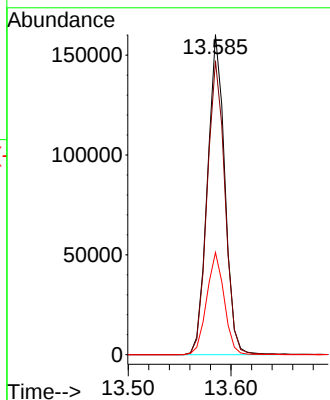
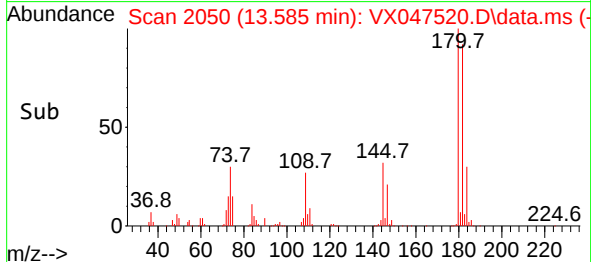
Tgt Ion:180 Resp: 18807
Ion Ratio Lower Upper
180 100
182 94.1 48.1 144.4
145 32.2 16.2 48.5

Manual Integrations

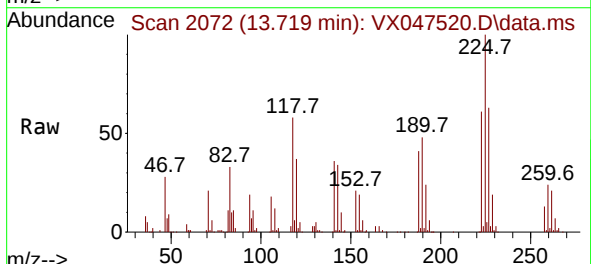
APPROVED

Reviewed By :John Carlone 08/26/2025

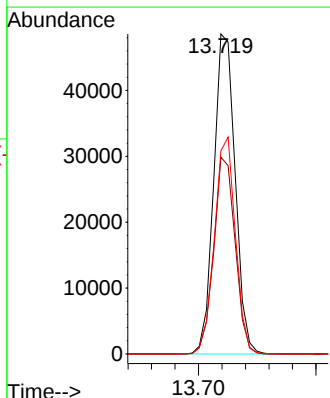
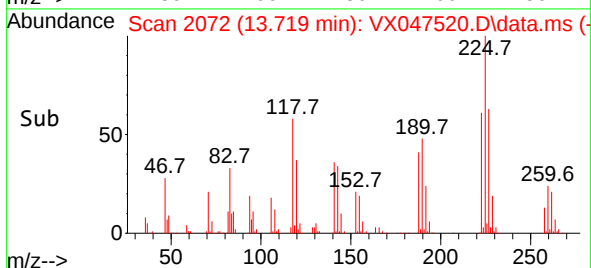
Supervised By :Mahesh Dadoda 08/26/2025

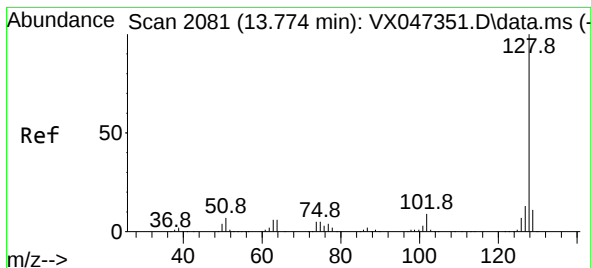


#94
Hexachlorobutadiene
Concen: 38.363 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13



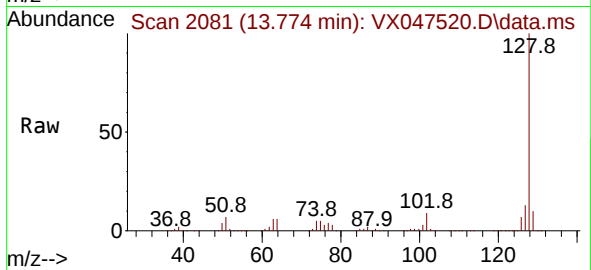
Tgt Ion:225 Resp: 61393
Ion Ratio Lower Upper
225 100
223 61.5 32.2 96.6
227 66.6 31.6 95.0





#95
Naphthalene
Concen: 43.922 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13

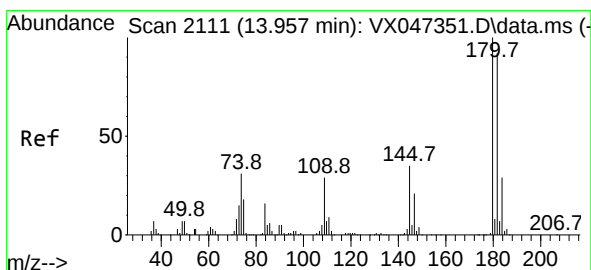
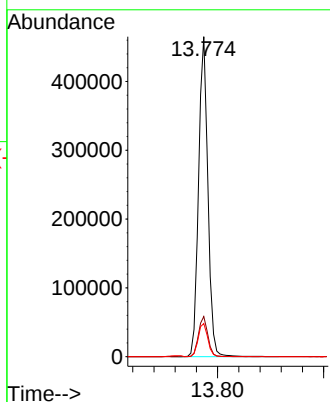
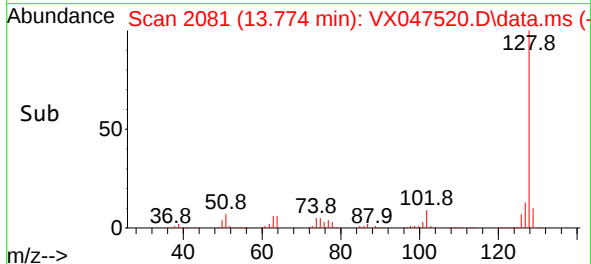
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



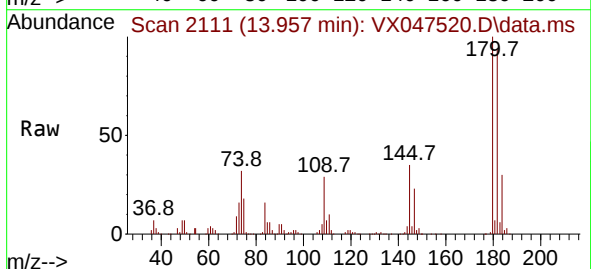
Tgt Ion:128 Resp: 564310
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 42.359 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047520.D
Acq: 25 Aug 2025 16:13



Tgt Ion:180 Resp: 179511
Ion Ratio Lower Upper
180 100
182 93.8 48.0 144.2
145 34.3 17.4 52.2

