

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101722\
 Data File : VD074555.D
 Acq On : 17 Oct 2022 20:07
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/18/2022
 Supervised By :Mahesh Dadoda 10/19/2022

Quant Time: Oct 17 23:10:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	76968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	125258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	115480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	55237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	33562	50.659	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.320%			
35) Dibromofluoromethane	7.810	113	42450	56.627	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.260%			
50) Toluene-d8	10.269	98	151947	52.887	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.780%			
62) 4-Bromofluorobenzene	12.569	95	44754	50.914	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	35330	47.478	ug/l	96
3) Chloromethane	2.140	50	48271	52.121	ug/l	94
4) Vinyl Chloride	2.281	62	49949	52.136	ug/l	99
5) Bromomethane	2.681	94	32555	47.896	ug/l	100
6) Chloroethane	2.828	64	34902	54.601	ug/l	99
7) Trichlorofluoromethane	3.170	101	71338	48.657	ug/l	97
8) Diethyl Ether	3.593	74	23541	53.488	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.964	101	47071	47.766	ug/l	98
10) Methyl Iodide	4.164	142	53230	41.033	ug/l	97
11) Tert butyl alcohol	5.052	59	13257	122.681	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	48042	47.862	ug/l	91
13) Acrolein	3.799	56	7696	227.319	ug/l	97
14) Allyl chloride	4.558	41	51952	47.545	ug/l	99
15) Acrylonitrile	5.258	53	47859	273.173	ug/l	99
16) Acetone	4.017	43	32411	226.796	ug/l	98
17) Carbon Disulfide	4.264	76	132004	44.479	ug/l	100
18) Methyl Acetate	4.558	43	22693	49.903	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	103183	54.020	ug/l	99
20) Methylene Chloride	4.799	84	58603	49.238	ug/l	94
21) trans-1,2-Dichloroethene	5.311	96	53503	49.488	ug/l	98
22) Diisopropyl ether	6.211	45	114960	52.619	ug/l	93
23) Vinyl Acetate	6.152	43	226455m	238.753	ug/l	
24) 1,1-Dichloroethane	6.105	63	82246	48.632	ug/l	98
25) 2-Butanone	7.081	43	49974	253.324	ug/l	97
26) 2,2-Dichloropropane	7.075	77	69326	46.569	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	60678	52.694	ug/l	97
28) Bromochloromethane	7.428	49	24232	54.266	ug/l	100
29) Tetrahydrofuran	7.446	42	32052	294.621	ug/l	97
30) Chloroform	7.593	83	91962	56.123	ug/l	96
31) Cyclohexane	7.875	56	61582	43.688	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	77925	52.518	ug/l	98
36) 1,1-Dichloropropene	8.010	75	58815	48.926	ug/l	99
37) Ethyl Acetate	7.169	43	23665	59.979	ug/l	98
38) Carbon Tetrachloride	7.993	117	57657	51.874	ug/l	97
39) Methylcyclohexane	9.269	83	74221	49.328	ug/l	97
40) Benzene	8.252	78	185375	51.811	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	13167	58.163	ug/l	95
42) 1,2-Dichloroethane	8.322	62	45283	53.562	ug/l	100
43) Isopropyl Acetate	8.363	43	40217	55.476	ug/l	99
44) Trichloroethene	9.028	130	52470	51.263	ug/l	99
45) 1,2-Dichloropropane	9.305	63	42094	51.641	ug/l	92
46) Dibromomethane	9.393	93	24917	54.403	ug/l	94
47) Bromodichloromethane	9.581	83	61097	53.965	ug/l	93
48) Methyl methacrylate	9.381	41	19671	56.073	ug/l	93
49) 1,4-Dioxane	9.381	88	5832	1225.697	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	106002	295.569	ug/l	99
52) Toluene	10.334	92	121981	53.944	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	53278	53.974	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	68637	55.053	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	34852	56.765	ug/l	98
56) Ethyl methacrylate	10.599	69	40743	57.567	ug/l	96
57) 1,3-Dichloropropane	10.881	76	55893	54.432	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	34824	225.988	ug/l	98
59) 2-Hexanone	10.922	43	69833	290.880	ug/l	99
60) Dibromochloromethane	11.075	129	42638	57.738	ug/l	97
61) 1,2-Dibromoethane	11.175	107	32397	56.711	ug/l	98
64) Tetrachloroethene	10.810	164	43622	50.446	ug/l	93
65) Chlorobenzene	11.604	112	130514	52.652	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	46741	55.571	ug/l	100
67) Ethyl Benzene	11.681	91	227254	51.721	ug/l	97
68) m/p-Xylenes	11.793	106	182817	104.346	ug/l	98
69) o-Xylene	12.116	106	87356	53.587	ug/l	94
70) Styrene	12.134	104	147689	53.614	ug/l	99
71) Bromoform	12.298	173	25103	58.590	ug/l #	95
73) Isopropylbenzene	12.416	105	223650	50.331	ug/l	100
74) N-amyl acetate	12.228	43	35817	51.466	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	38246	54.412	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	22617m	47.911	ug/l	
77) Bromobenzene	12.698	156	53263	52.982	ug/l	96
78) n-propylbenzene	12.763	91	266806	49.630	ug/l	100
79) 2-Chlorotoluene	12.845	91	143338	49.676	ug/l	98
80) 1,3,5-Trimethylbenzene	12.898	105	182106	50.424	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	9995	53.708	ug/l	91
82) 4-Chlorotoluene	12.945	91	145502	50.240	ug/l	99
83) tert-Butylbenzene	13.163	119	159406	50.408	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	184003	51.432	ug/l	99
85) sec-Butylbenzene	13.340	105	239502	49.703	ug/l	99
86) p-Isopropyltoluene	13.457	119	204123	51.018	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	105160	51.057	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	102505	50.150	ug/l	99
89) n-Butylbenzene	13.787	91	184420	49.344	ug/l	98
90) Hexachloroethane	14.051	117	35410	50.127	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	91000	51.794	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5150	53.594	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	59885	51.690	ug/l	99
94) Hexachlorobutadiene	15.198	225	31299	51.961	ug/l	98
95) Naphthalene	15.328	128	119734	54.725	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	53852	54.453	ug/l	98

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

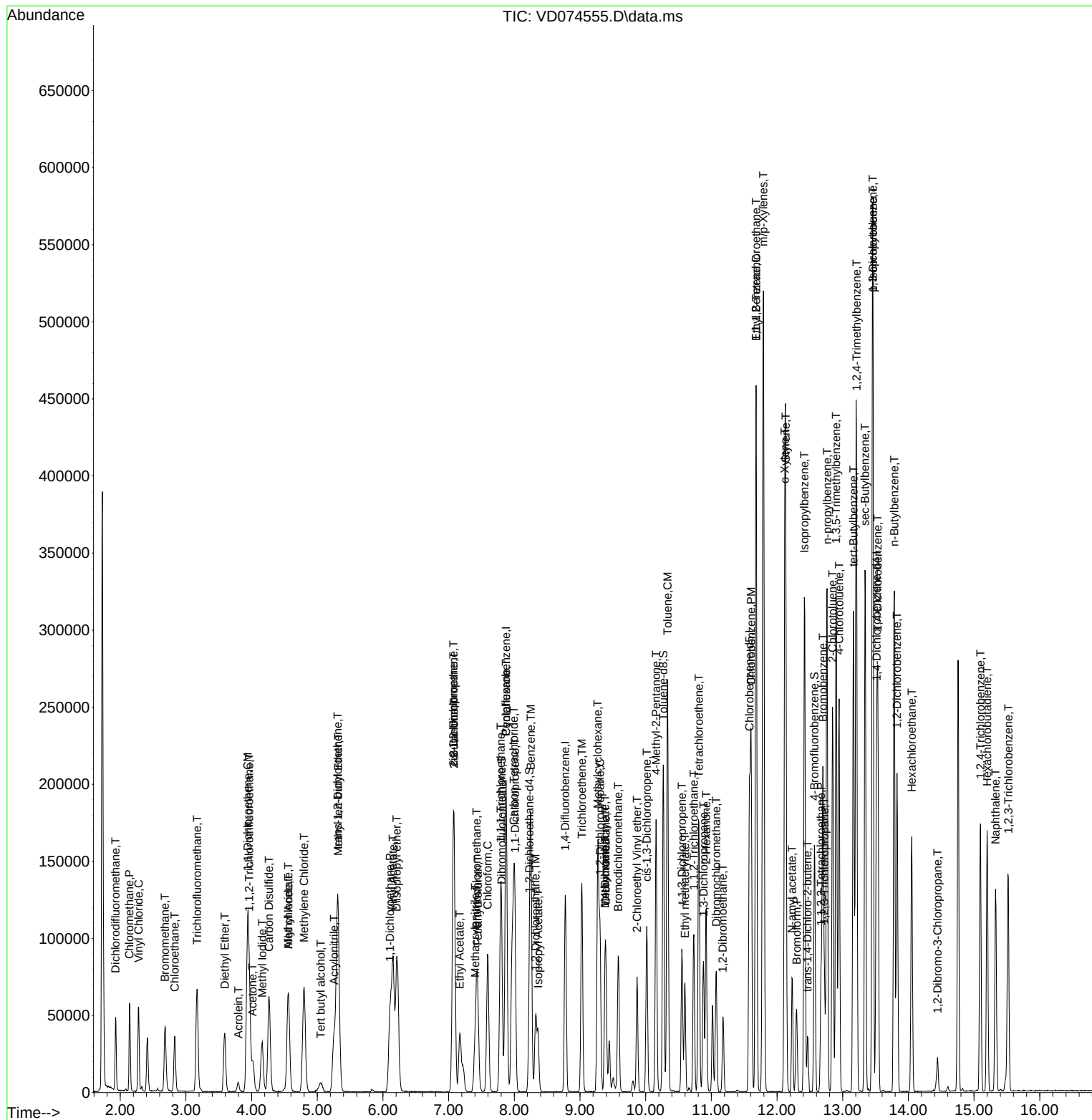
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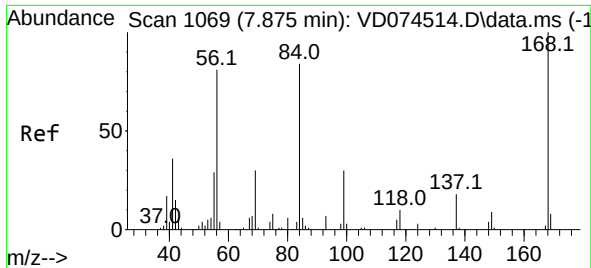
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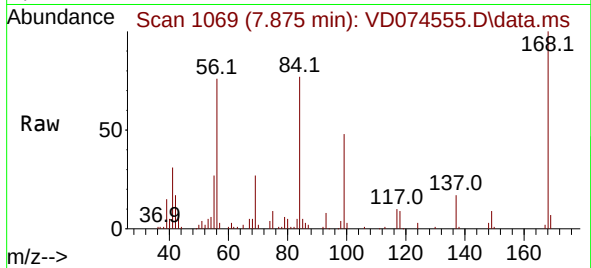
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

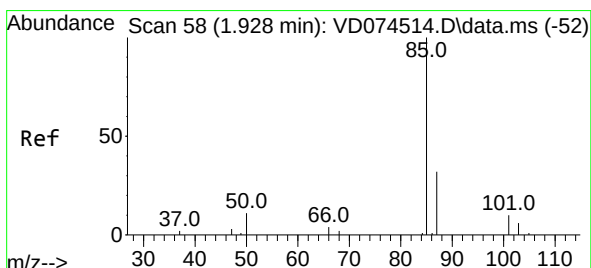
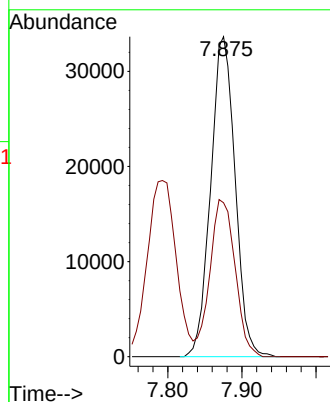
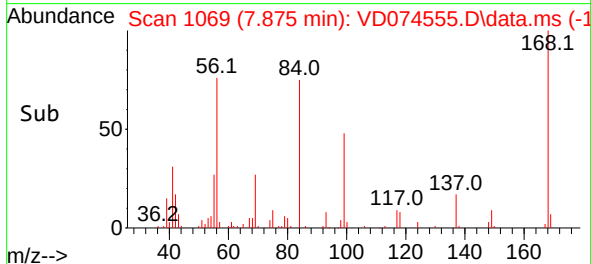
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 76968
Ion Ratio Lower Upper
168 100
99 48.1 40.9 61.3

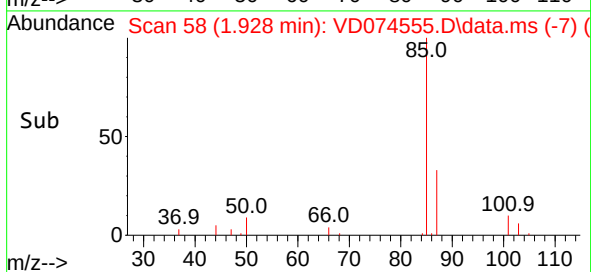
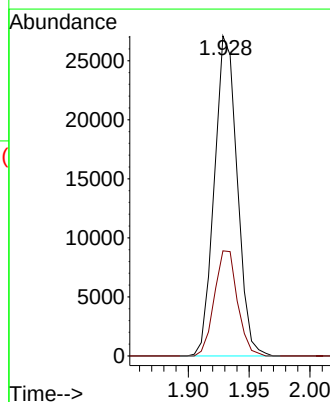
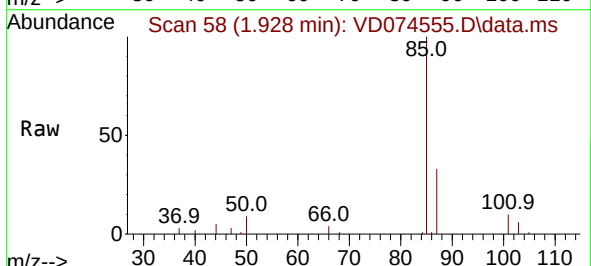
Manual Integrations
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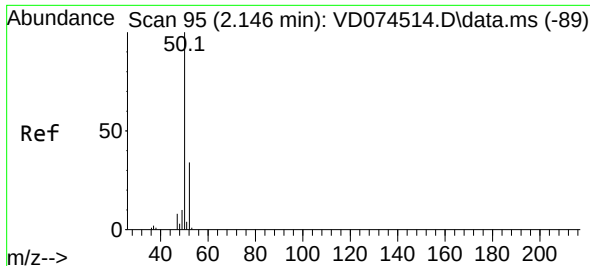
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#2
Dichlorodifluoromethane
Concen: 47.478 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

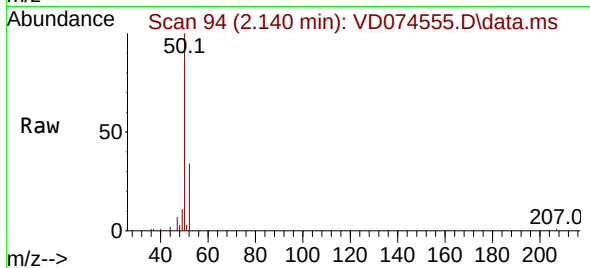
Tgt Ion: 85 Resp: 35330
Ion Ratio Lower Upper
85 100
87 32.8 17.5 52.6





#3
Chloromethane
Concen: 52.121 ug/l
RT: 2.140 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

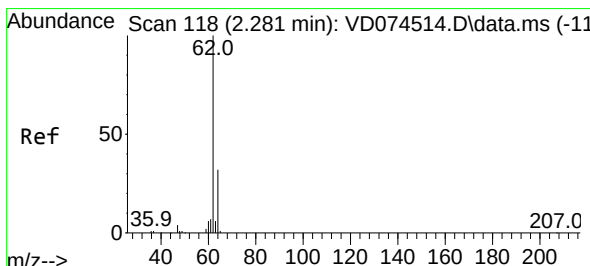
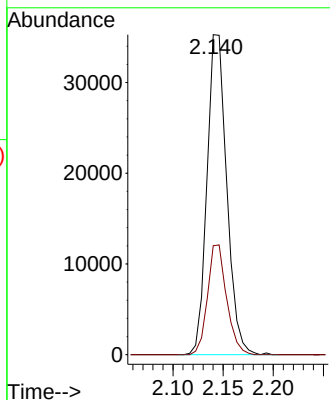
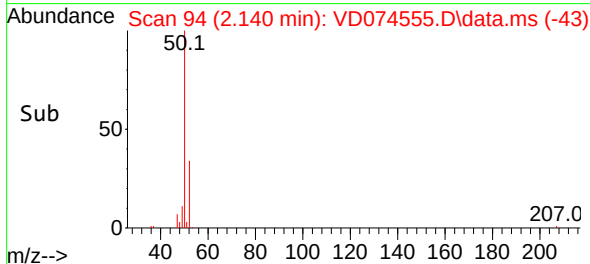
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VSTDCCC050EC



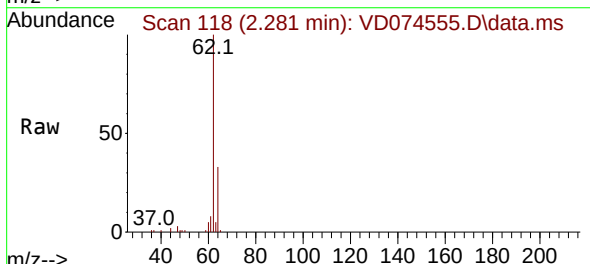
Tgt Ion: 50 Resp: 4827
Ion Ratio Lower Upper
50 100
52 34.0 30.0 45.0

Manual Integrations
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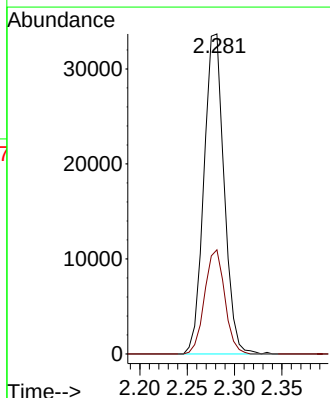
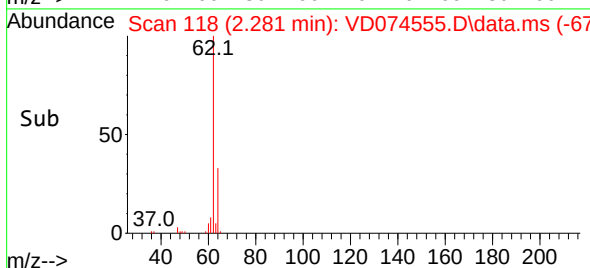
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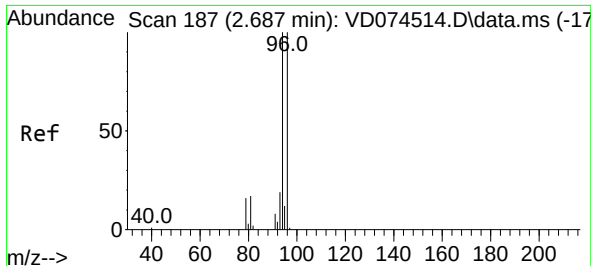


#4
Vinyl Chloride
Concen: 52.136 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07



Tgt Ion: 62 Resp: 49949
Ion Ratio Lower Upper
62 100
64 32.5 25.5 38.3





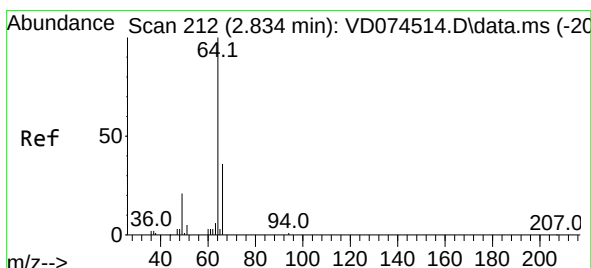
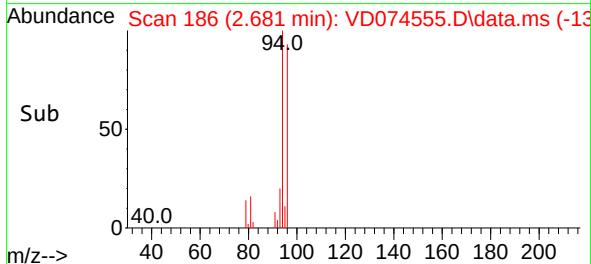
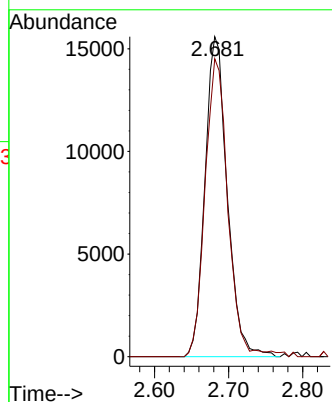
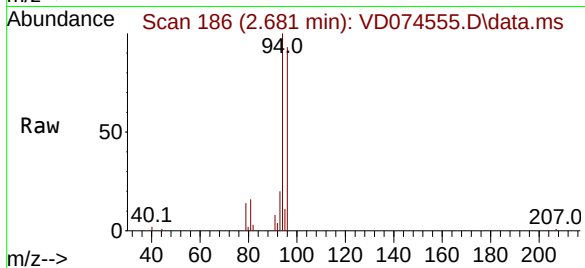
#5
Bromomethane
Concen: 47.896 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 3255
Ion Ratio Lower Upper
94 100
96 93.1 74.6 112.0

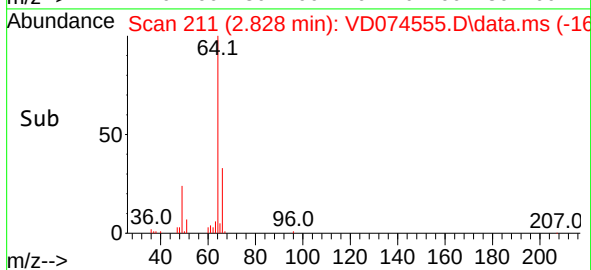
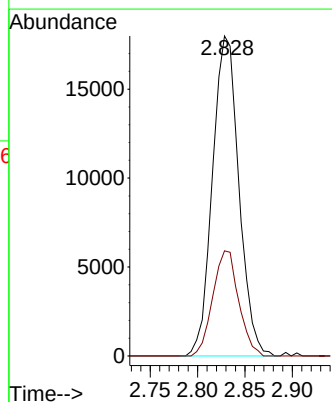
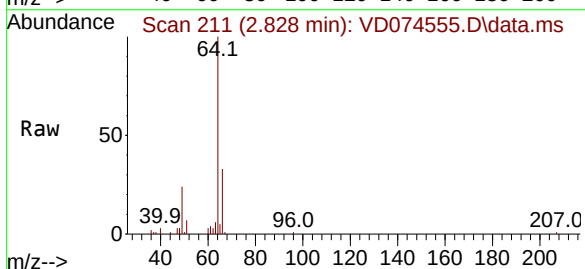
Manual Integrations
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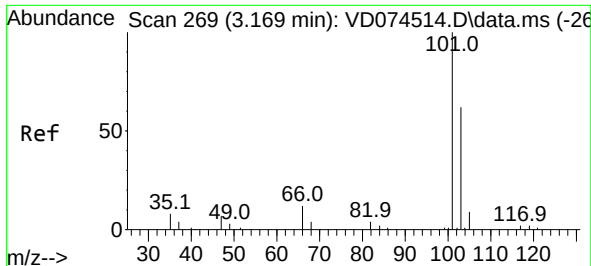
Reviewed By :Krupa Patel 10/18/2022
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#6
Chloroethane
Concen: 54.601 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

Tgt Ion: 64 Resp: 34902
Ion Ratio Lower Upper
64 100
66 32.9 25.8 38.8





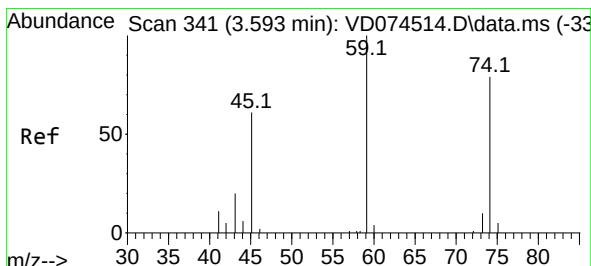
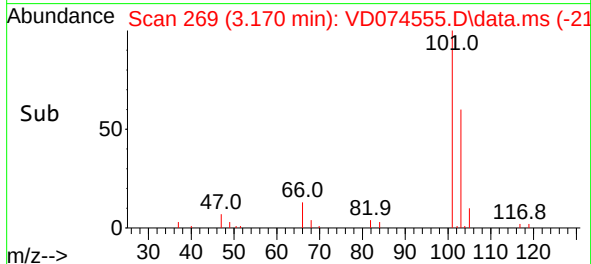
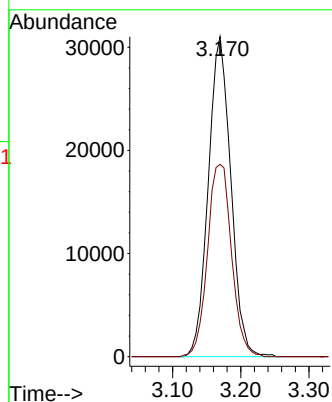
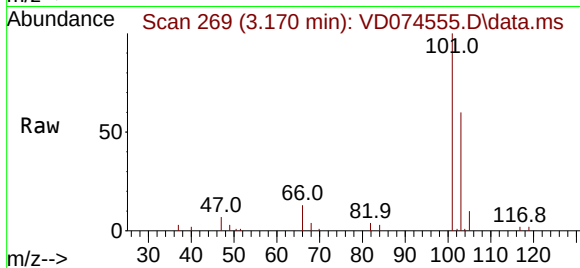
#7
Trichlorofluoromethane
Concen: 48.657 ug/l
RT: 3.170 min Scan# 269
Delta R.T. 0.001 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

Instrument :
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Tgt Ion:101 Resp: 71338
Ion Ratio Lower Upper
101 100
103 60.1 49.8 74.8

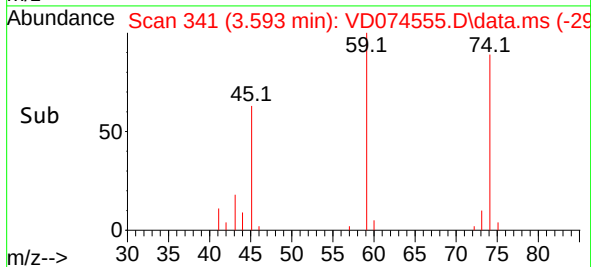
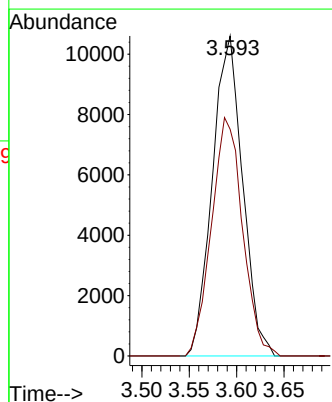
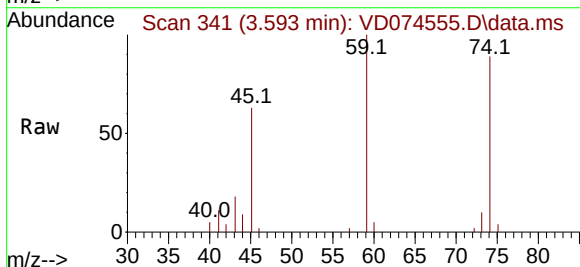
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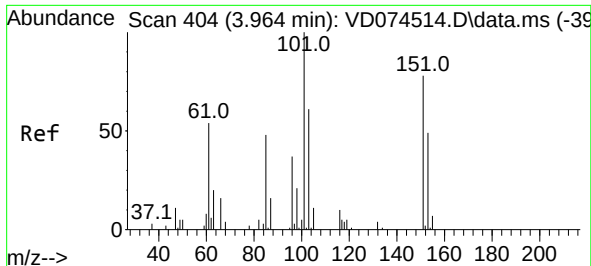
Reviewed By :Krupa Patel 10/18/2022
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#8
Diethyl Ether
Concen: 53.488 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

Tgt Ion: 74 Resp: 23541
Ion Ratio Lower Upper
74 100
45 76.6 37.9 113.6





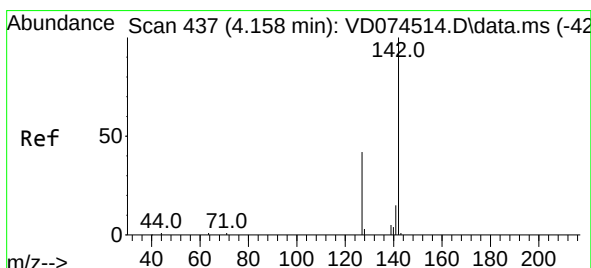
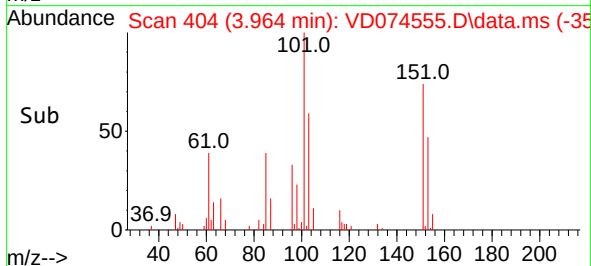
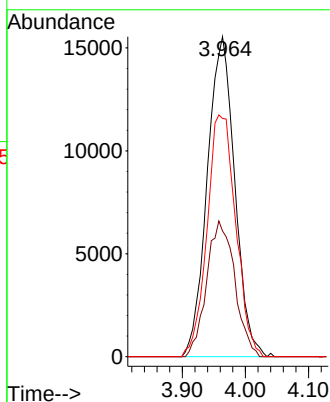
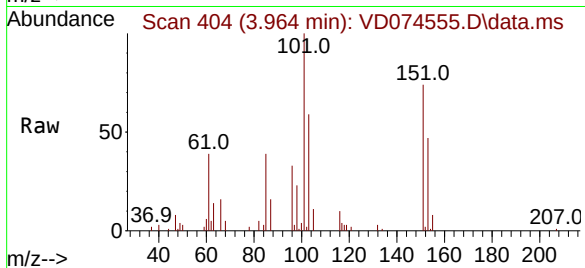
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.766 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.001 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 4707
Ion Ratio Lower Upper
101 100
85 43.2 34.1 51.1
151 78.8 61.7 92.5

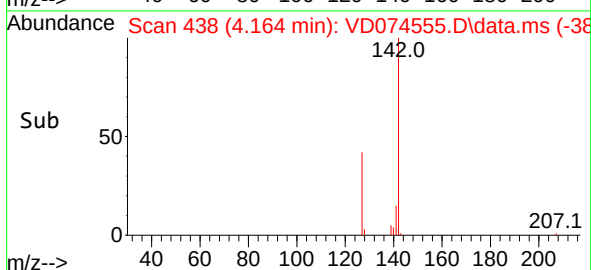
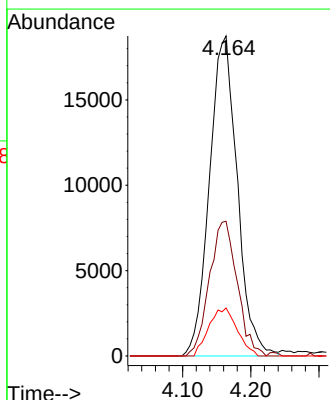
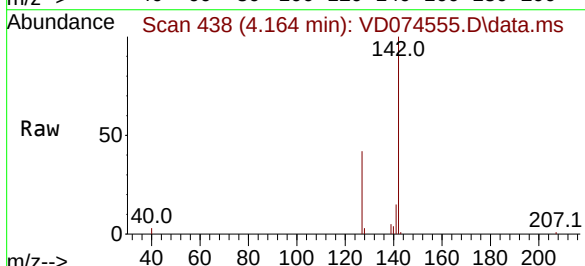
Manual Integrations
APPROVED

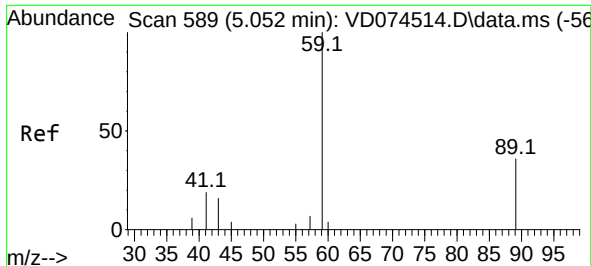
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#10
Methyl Iodide
Concen: 41.033 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

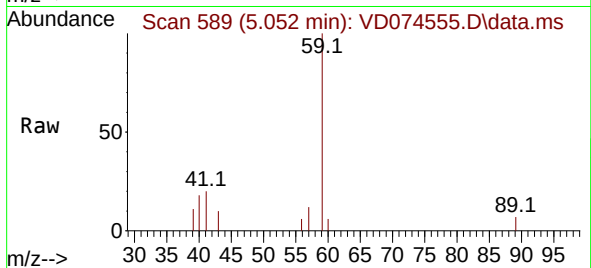
Tgt Ion:142 Resp: 53230
Ion Ratio Lower Upper
142 100
127 42.0 31.9 47.9
141 15.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 122.681 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

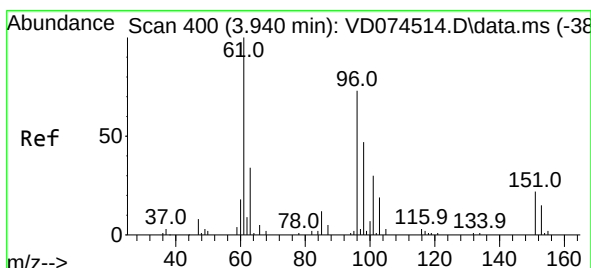
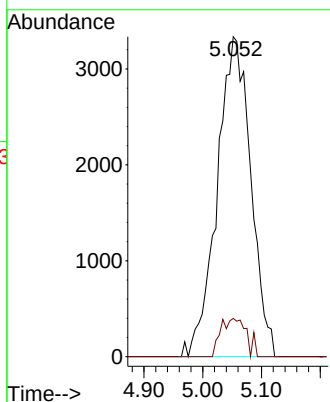
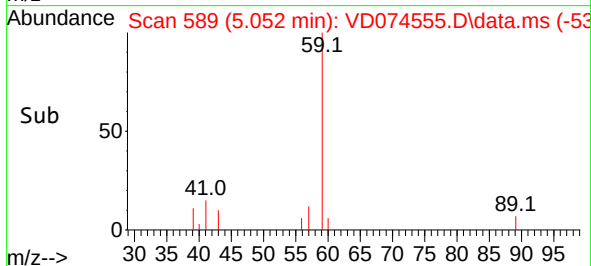
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



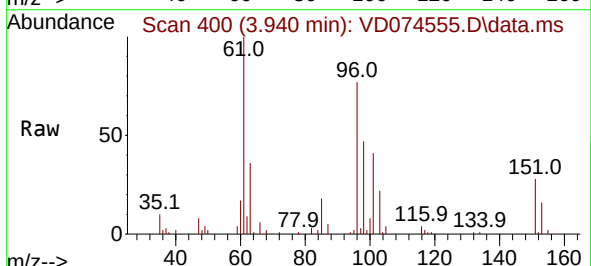
Tgt Ion: 59 Resp: 1325
Ion Ratio Lower Upper
59 100
57 9.2 4.4 6.6

Manual Integrations
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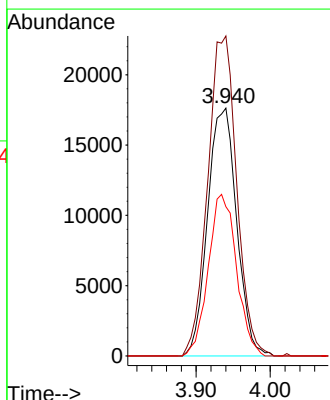
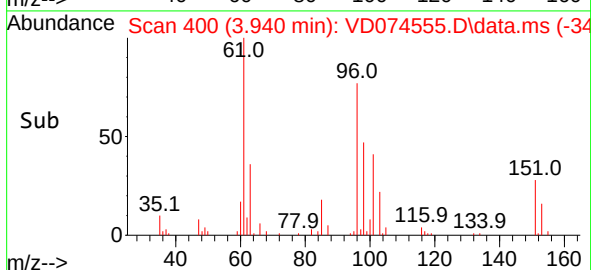
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

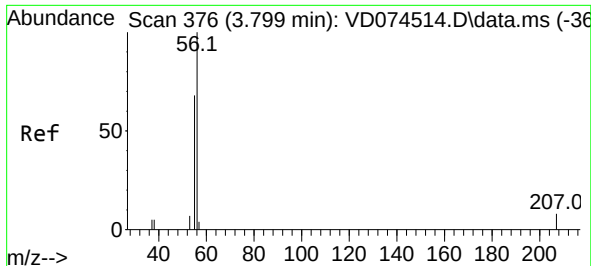


#12
1,1-Dichloroethene
Concen: 47.862 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.006 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07



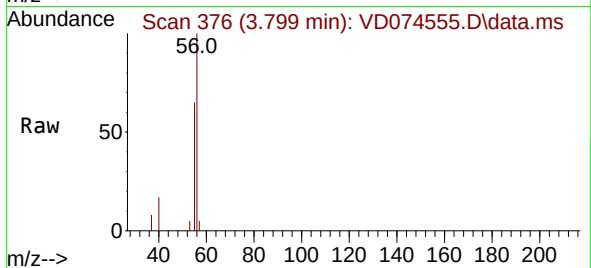
Tgt Ion: 96 Resp: 48042
Ion Ratio Lower Upper
96 100
61 129.1 113.9 170.9
98 60.2 51.8 77.8





#13
Acrolein
Concen: 227.319 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

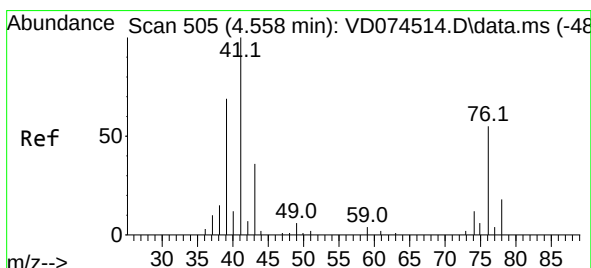
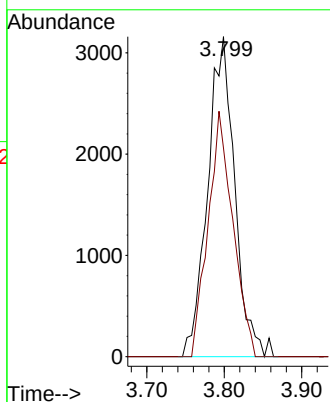
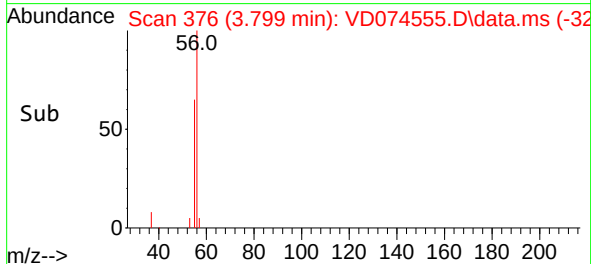
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



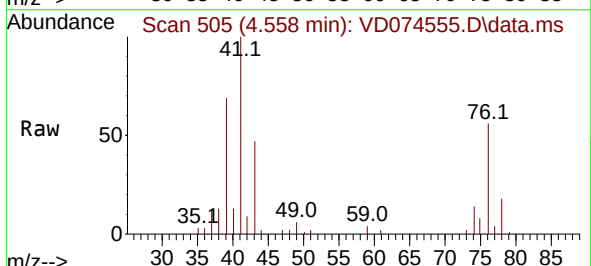
Tgt Ion: 56 Resp: 7690
Ion Ratio Lower Upper
56 100
55 70.0 54.0 81.0

Manual Integrations
APPROVED

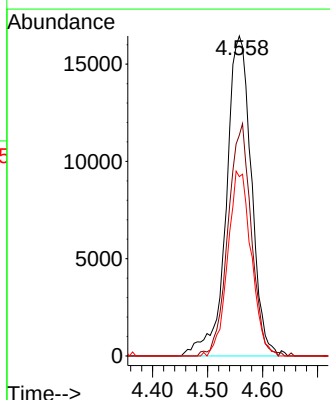
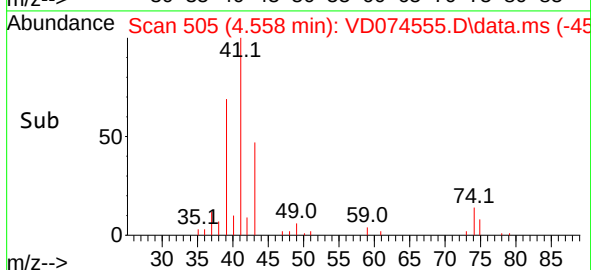
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

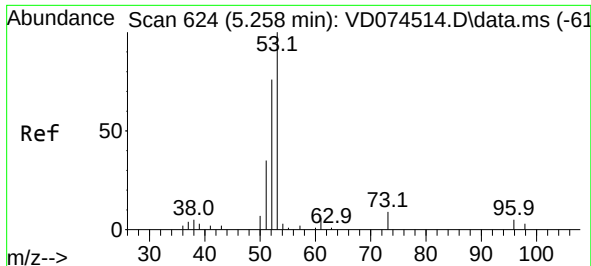


#14
Allyl chloride
Concen: 47.545 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07



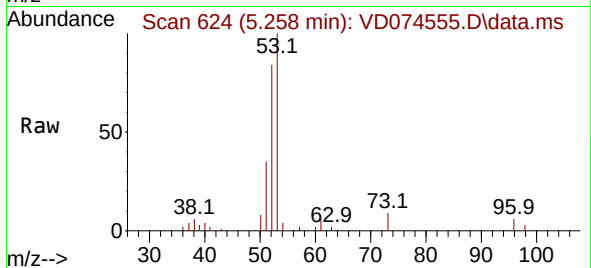
Tgt Ion: 41 Resp: 51952
Ion Ratio Lower Upper
41 100
39 67.7 53.4 80.2
76 54.3 42.4 63.6





#15
Acrylonitrile
Concen: 273.173 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

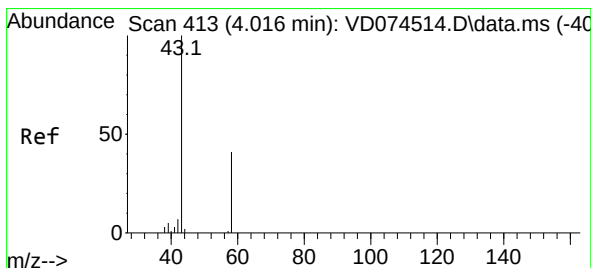
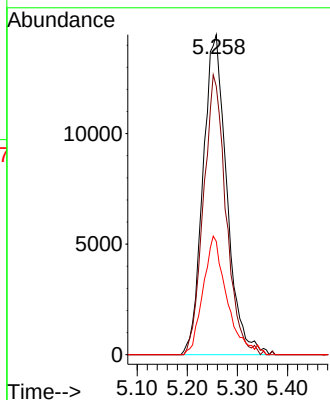
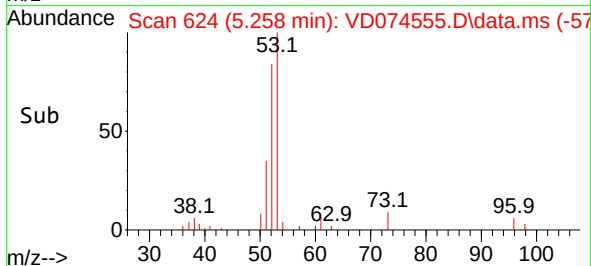
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 4785
Ion Ratio Lower Upper
53 100
52 82.6 66.0 99.0
51 37.1 28.3 42.5

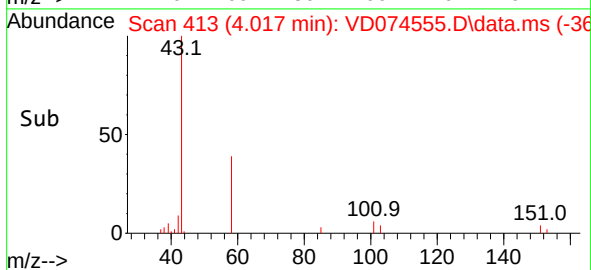
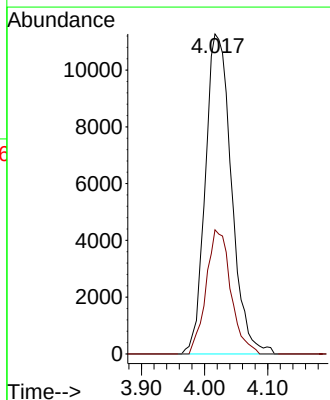
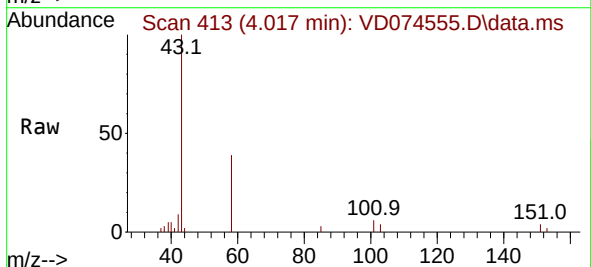
Manual Integrations
APPROVED

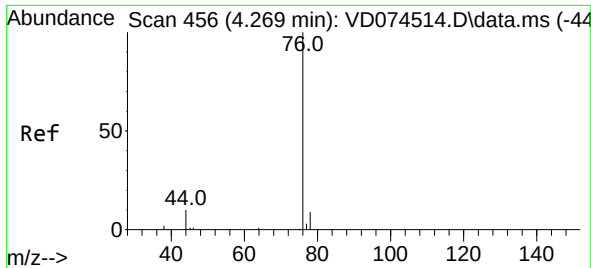
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#16
Acetone
Concen: 226.796 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

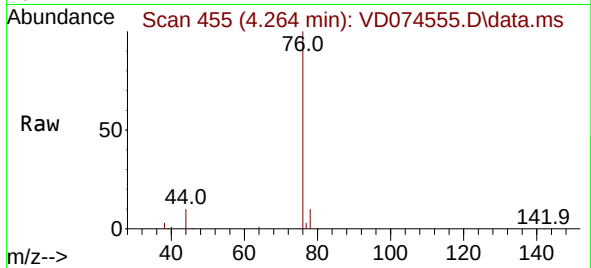
Tgt Ion: 43 Resp: 32411
Ion Ratio Lower Upper
43 100
58 38.8 30.2 45.2





#17
Carbon Disulfide
Concen: 44.479 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

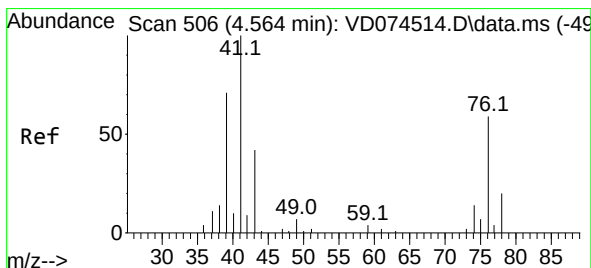
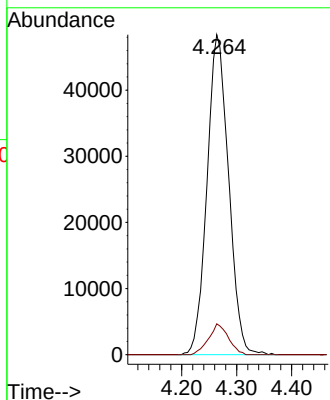
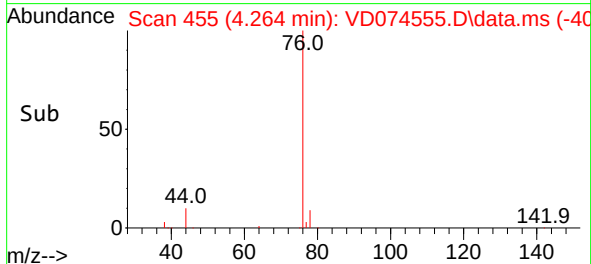
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 132004
Ion Ratio Lower Upper
76 100
78 9.7 7.8 11.8

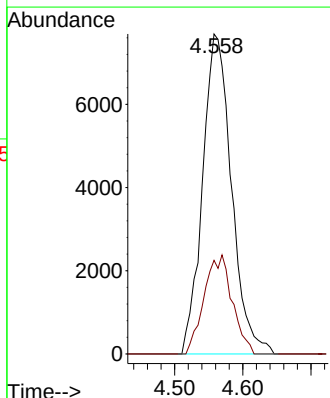
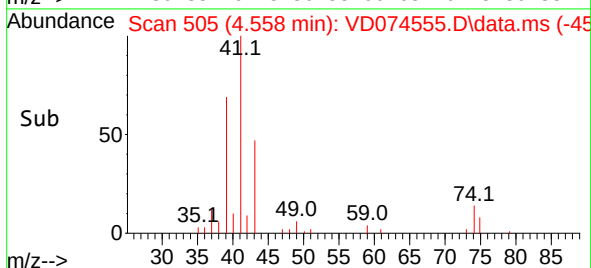
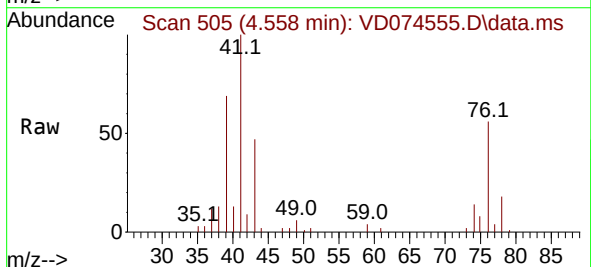
Manual Integrations
APPROVED

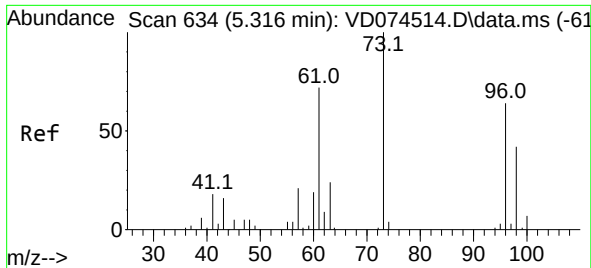
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#18
Methyl Acetate
Concen: 49.903 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

Tgt Ion: 43 Resp: 22693
Ion Ratio Lower Upper
43 100
74 30.0 24.7 37.1





#19

Methyl tert-butyl Ether

Concen: 54.020 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD074555.D

Acq: 17 Oct 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 10318

Ion Ratio Lower Upper

73 100

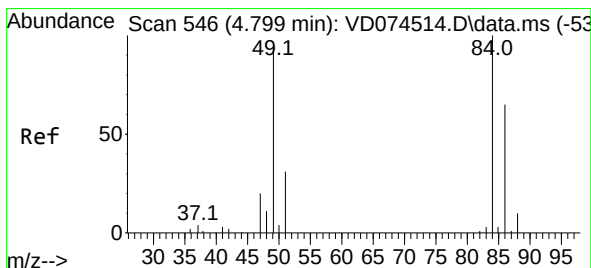
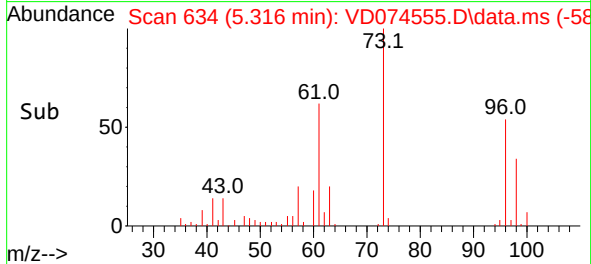
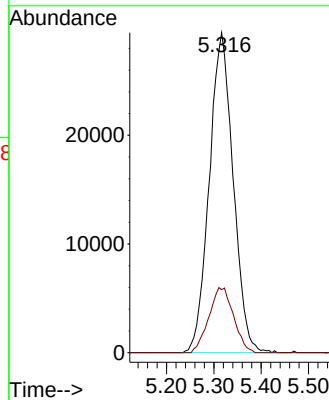
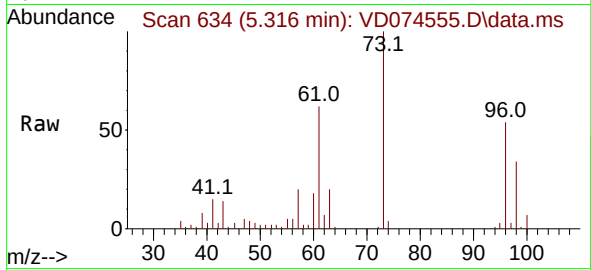
57 19.7 16.1 24.1

Manual Integrations

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Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#20

Methylene Chloride

Concen: 49.238 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD074555.D

Acq: 17 Oct 2022 20:07

Tgt Ion: 84 Resp: 58603

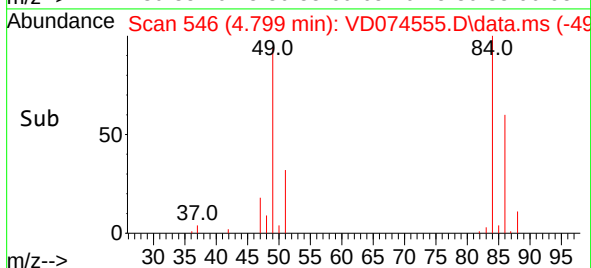
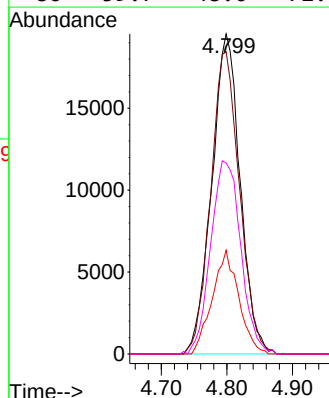
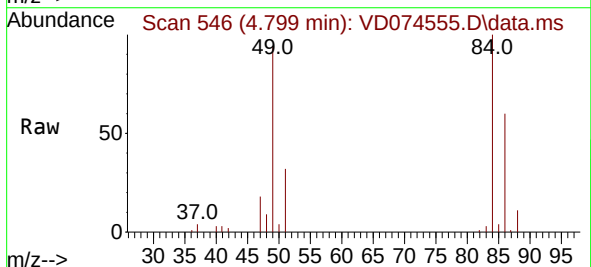
Ion Ratio Lower Upper

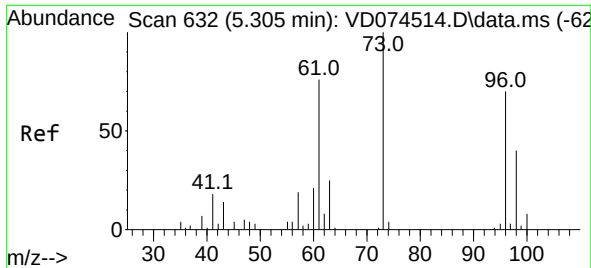
84 100

49 94.5 68.0 102.0

51 32.4 23.2 34.8

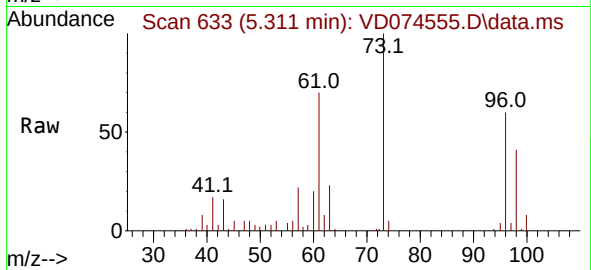
86 59.7 48.0 72.0





#21
trans-1,2-Dichloroethene
Concen: 49.488 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.001 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

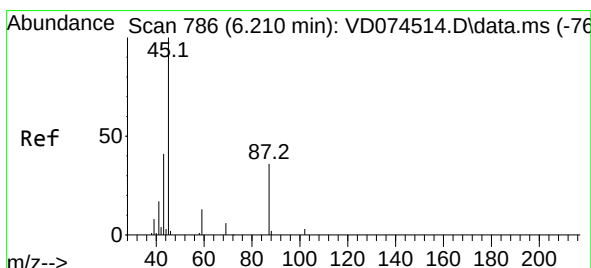
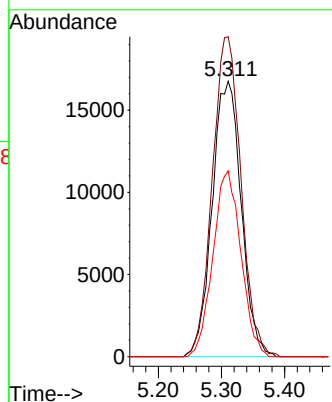
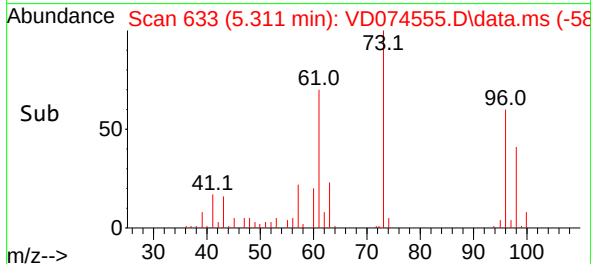
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 5350
Ion Ratio Lower Upper
96 100
61 116.1 95.7 143.5
98 67.4 54.8 82.2

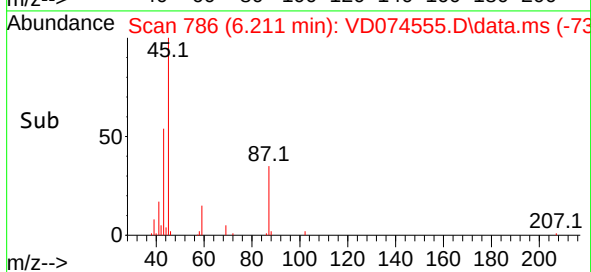
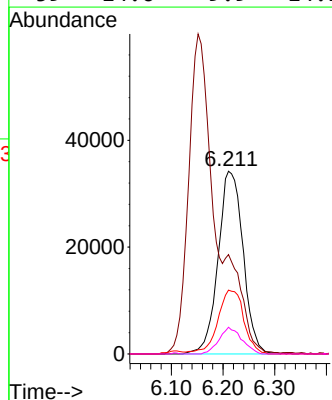
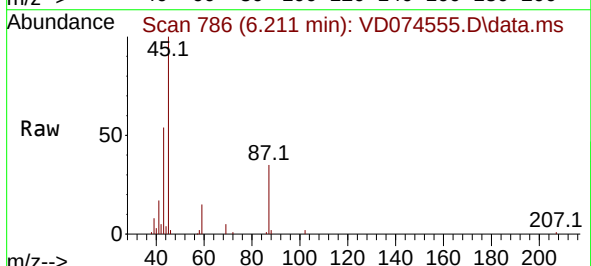
Manual Integrations
APPROVED

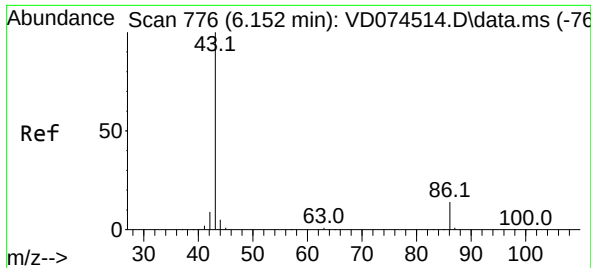
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#22
Diisopropyl ether
Concen: 52.619 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.005 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

Tgt Ion: 45 Resp: 114960
Ion Ratio Lower Upper
45 100
43 53.8 37.8 56.6
87 34.9 26.6 40.0
59 14.6 9.9 14.9





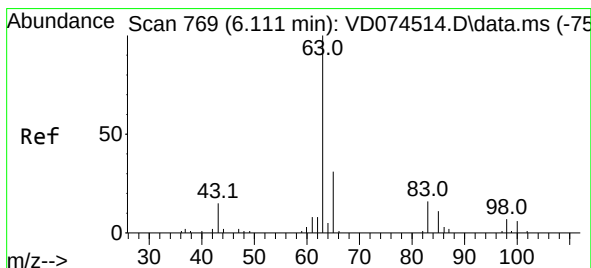
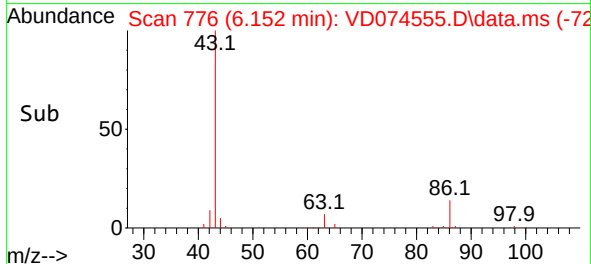
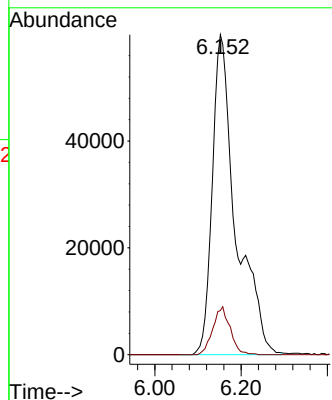
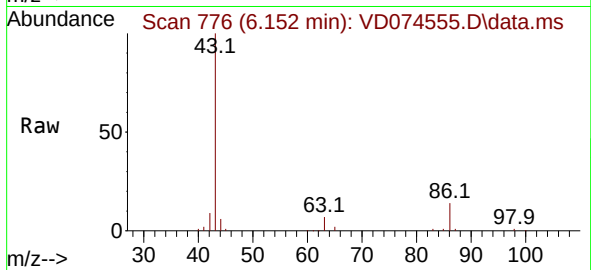
#23
 Vinyl Acetate
 Concen: 238.753 ug/l m
 RT: 6.152 min Scan# 776
 Delta R.T. -0.005 min
 Lab File: VD074555.D
 Acq: 17 Oct 2022 20:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 22645
 Ion Ratio Lower Upper
 43 100
 86 13.8 11.2 16.8

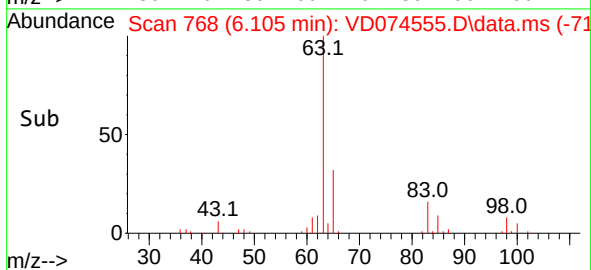
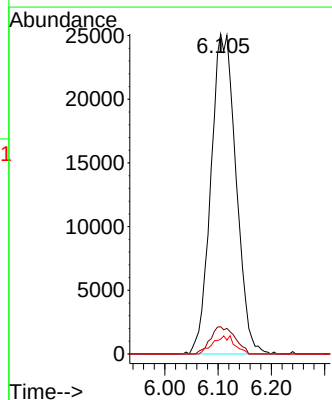
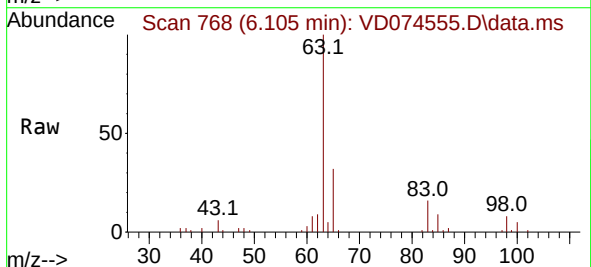
Manual Integrations
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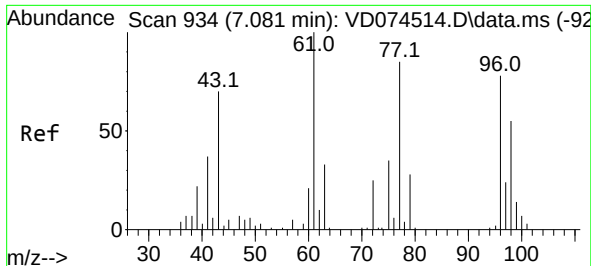
Reviewed By :Krupa Patel 10/18/2022
 Supervised By :Mahesh Dadoda 10/19/2022



#24
 1,1-Dichloroethane
 Concen: 48.632 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.000 min
 Lab File: VD074555.D
 Acq: 17 Oct 2022 20:07

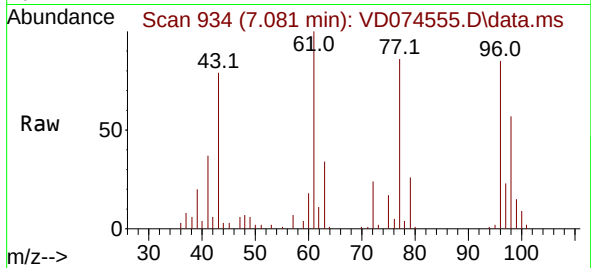
Tgt Ion: 63 Resp: 82246
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.6 13.8
 100 4.6 2.9 8.6





#25
2-Butanone
Concen: 253.324 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

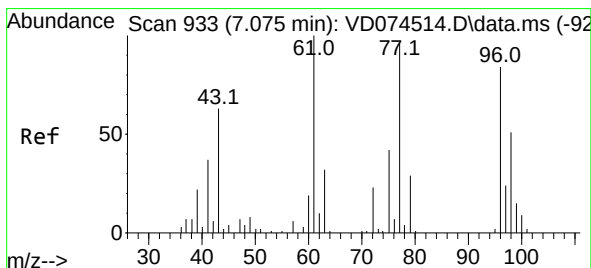
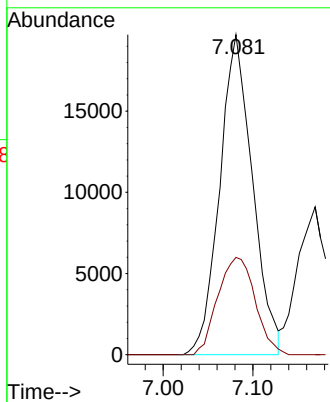
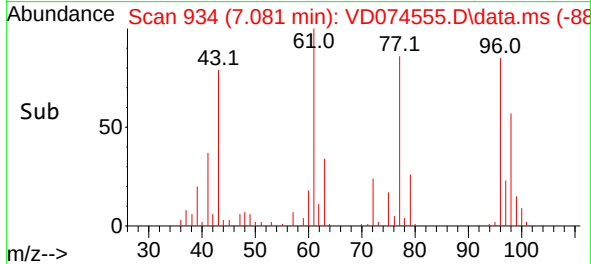
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



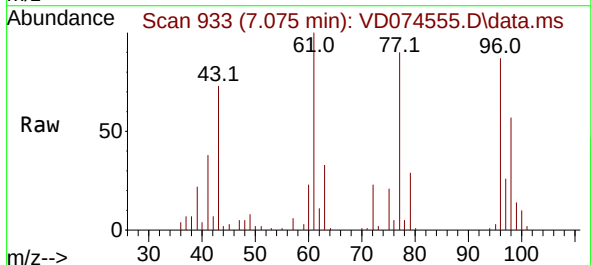
Tgt Ion: 43 Resp: 49974
Ion Ratio Lower Upper
43 100
72 30.4 25.8 38.8

Manual Integrations
APPROVED

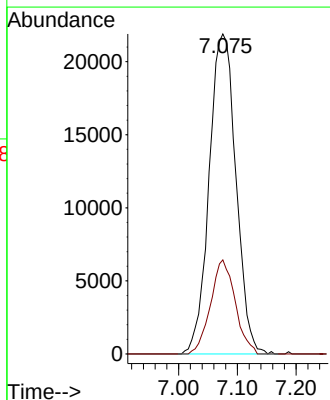
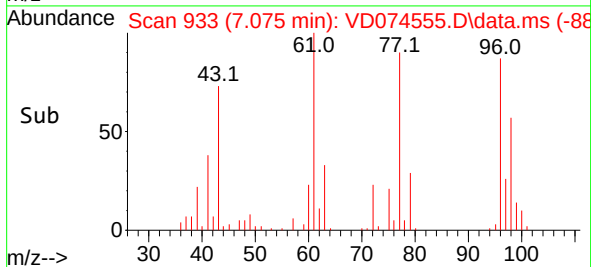
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

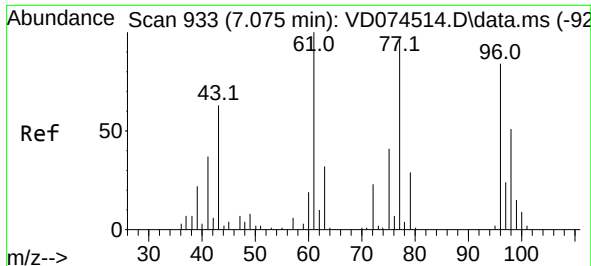


#26
2,2-Dichloropropane
Concen: 46.569 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07



Tgt Ion: 77 Resp: 69326
Ion Ratio Lower Upper
77 100
97 27.0 12.5 37.5





#27

cis-1,2-Dichloroethene

Concen: 52.694 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD074555.D

Acq: 17 Oct 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 60678

Ion Ratio Lower Upper

96 100

61 115.9 0.0 242.4

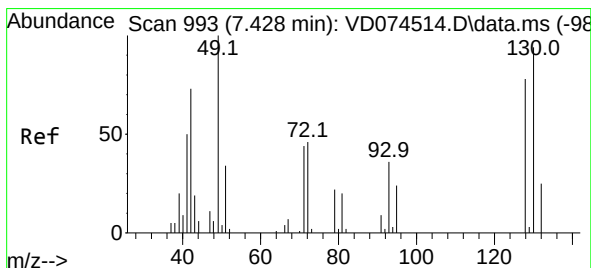
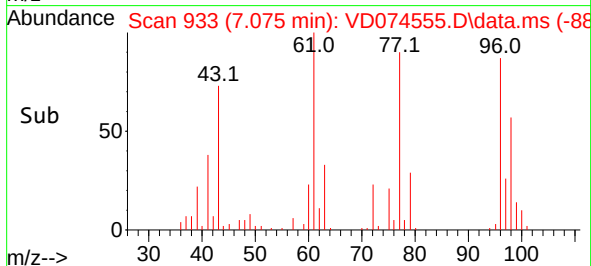
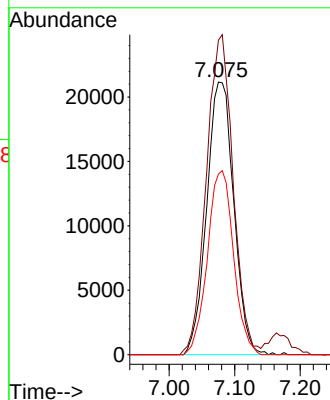
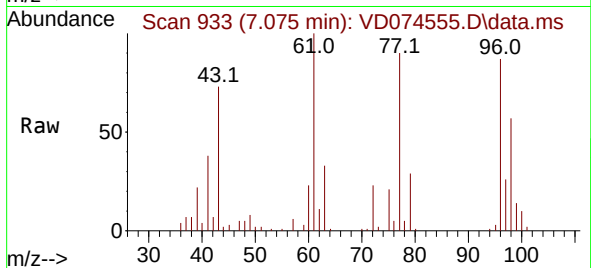
98 65.1 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#28

Bromochloromethane

Concen: 54.266 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD074555.D

Acq: 17 Oct 2022 20:07

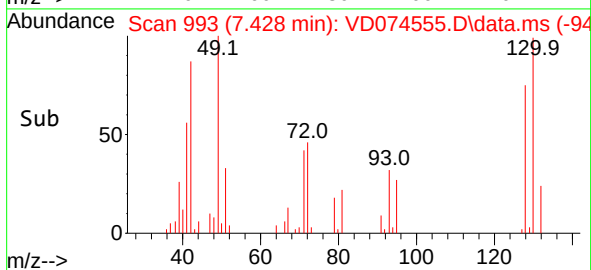
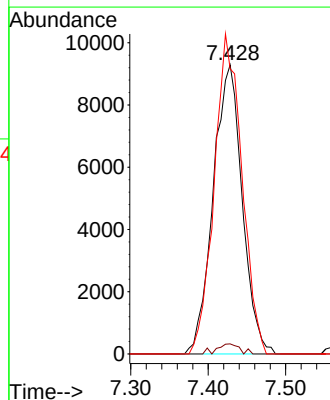
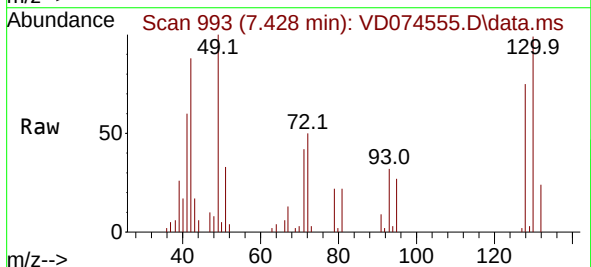
Tgt Ion: 49 Resp: 24232

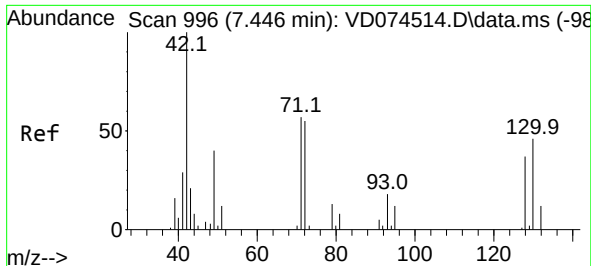
Ion Ratio Lower Upper

49 100

129 2.8 0.0 5.0

130 105.5 84.1 126.1





#29

Tetrahydrofuran

Concen: 294.621 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD074555.D

Acq: 17 Oct 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

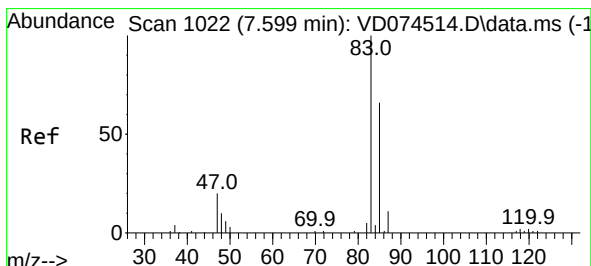
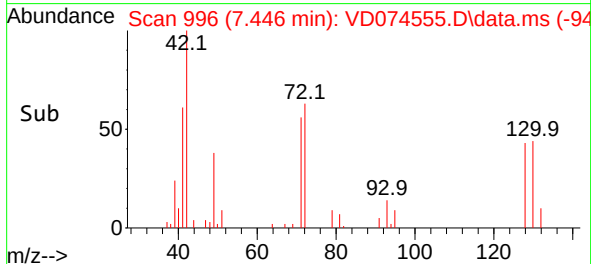
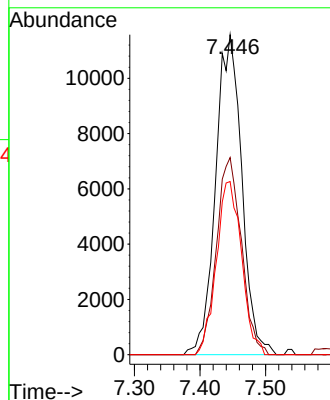
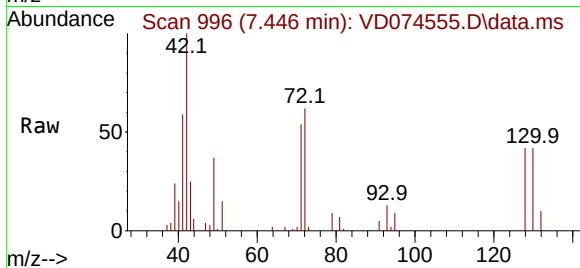
VSTDCCC050EC

Tgt Ion: 42 Resp: 32052
 Ion Ratio Lower Upper
 42 100
 72 58.7 45.8 68.6
 71 52.1 44.6 66.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022
 Supervised By :Mahesh Dadoda 10/19/2022



#30

Chloroform

Concen: 56.123 ug/l

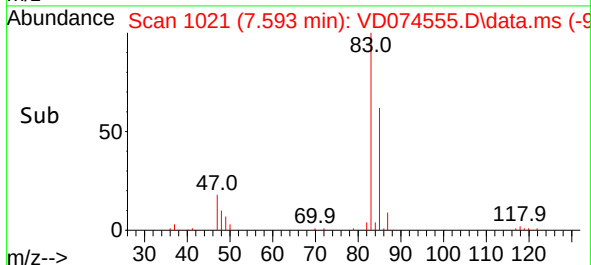
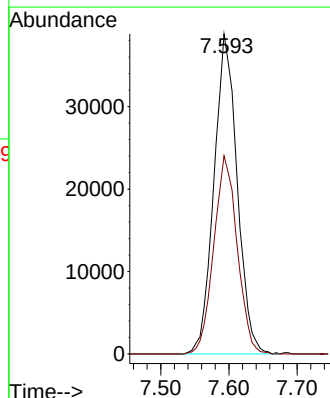
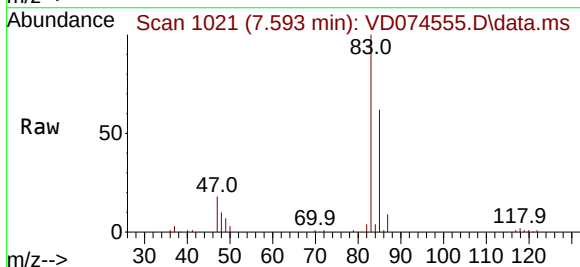
RT: 7.593 min Scan# 1021

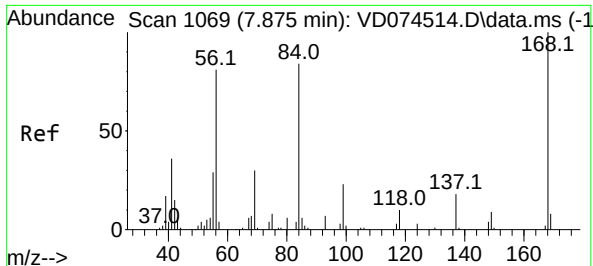
Delta R.T. -0.000 min

Lab File: VD074555.D

Acq: 17 Oct 2022 20:07

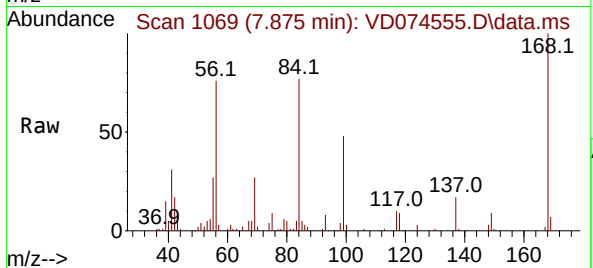
Tgt Ion: 83 Resp: 91962
 Ion Ratio Lower Upper
 83 100
 85 61.9 52.0 78.0





#31
Cyclohexane
Concen: 43.688 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

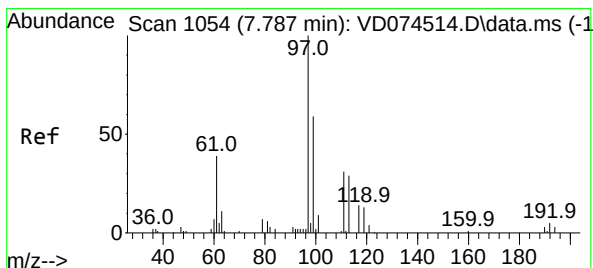
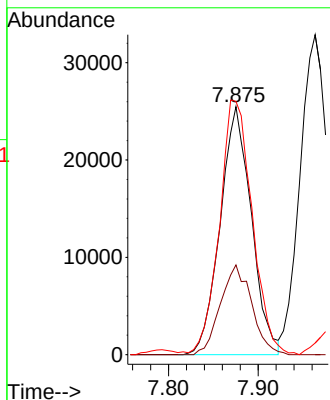
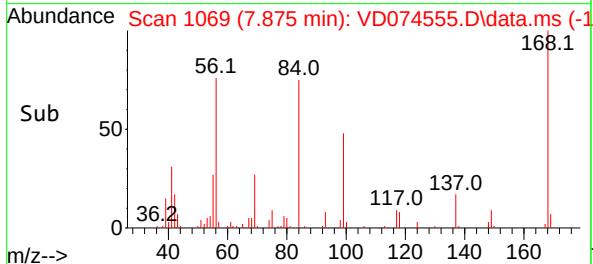
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 61582
Ion Ratio Lower Upper
56 100
69 36.2 29.2 43.8
84 101.3 83.4 125.2

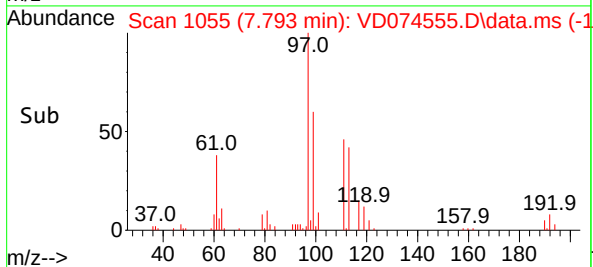
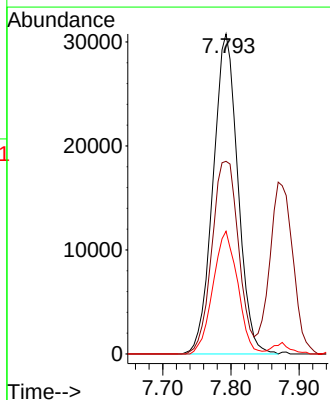
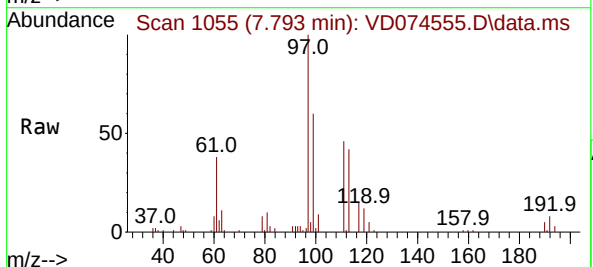
Manual Integrations
APPROVED

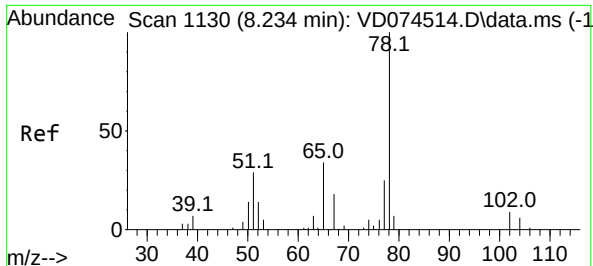
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#32
1,1,1-Trichloroethane
Concen: 52.518 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

Tgt Ion: 97 Resp: 77925
Ion Ratio Lower Upper
97 100
99 64.8 53.3 79.9
61 38.2 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 50.659 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074555.D

Acq: 17 Oct 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 3356

Ion Ratio Lower Upper

65 100

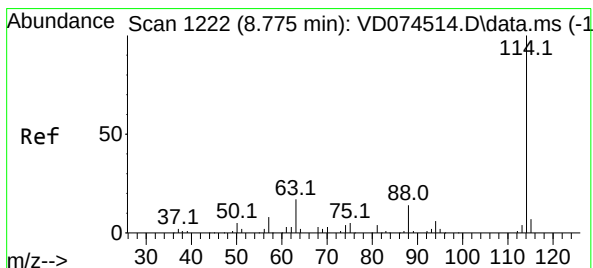
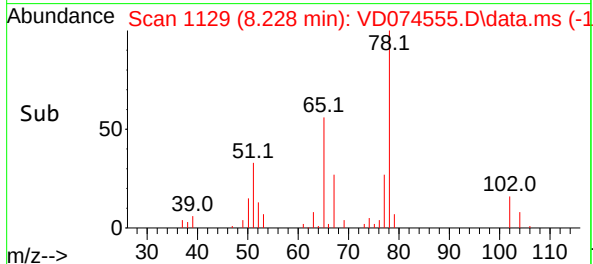
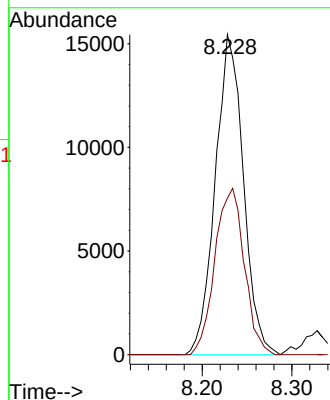
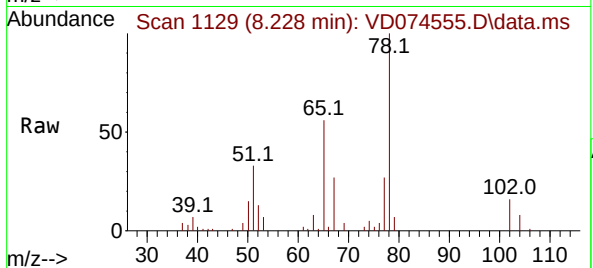
67 54.3 0.0 110.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074555.D

Acq: 17 Oct 2022 20:07

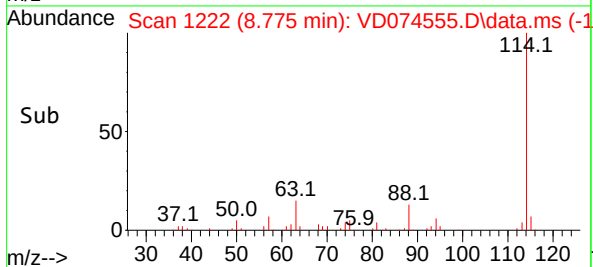
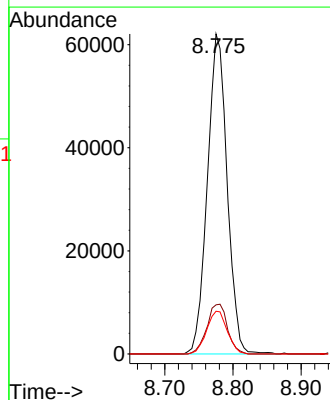
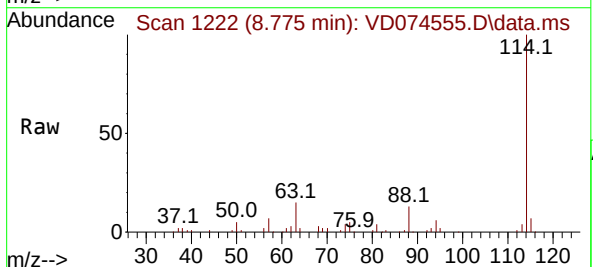
Tgt Ion:114 Resp: 125258

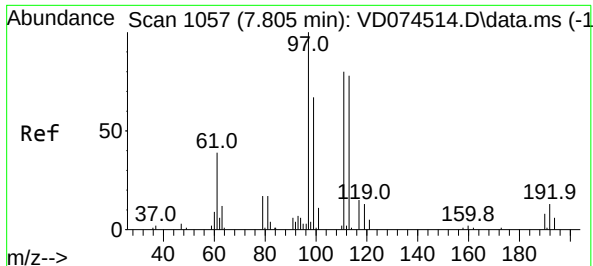
Ion Ratio Lower Upper

114 100

63 15.4 0.0 33.2

88 13.4 0.0 28.2





#35

Dibromofluoromethane

Concen: 56.627 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD074555.D

Acq: 17 Oct 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 42450

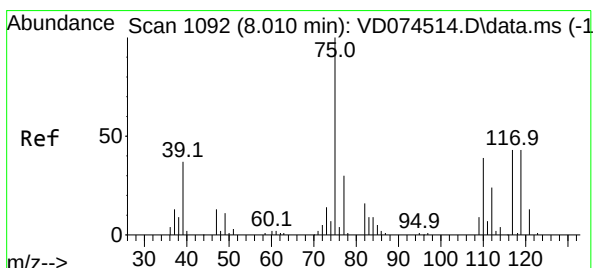
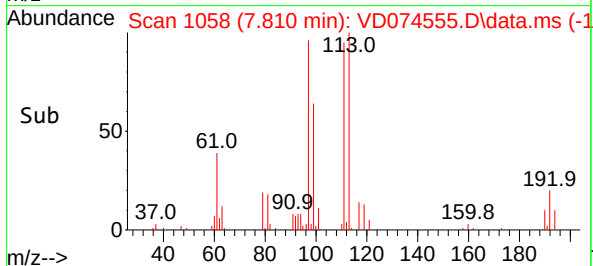
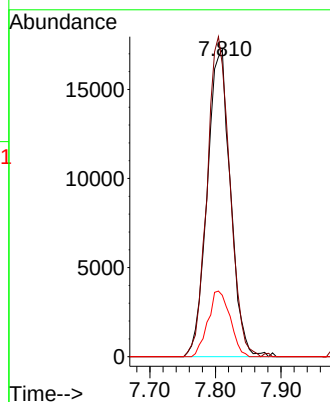
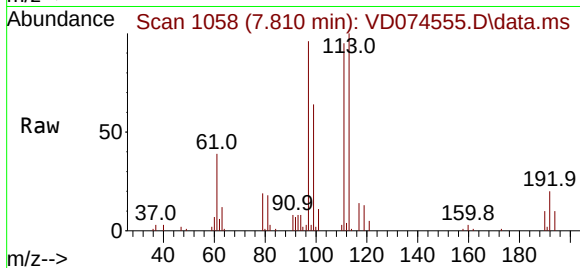
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.3	123.5
192	20.4	16.4	24.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#36

1,1-Dichloropropene

Concen: 48.926 ug/l

RT: 8.010 min Scan# 1092

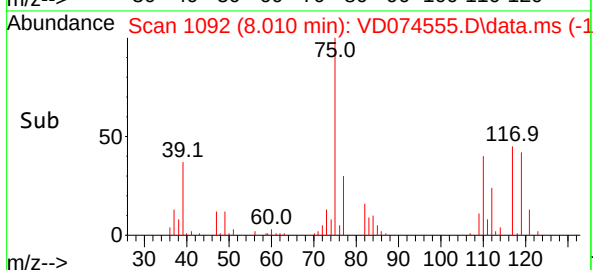
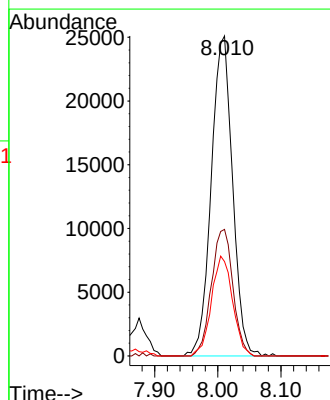
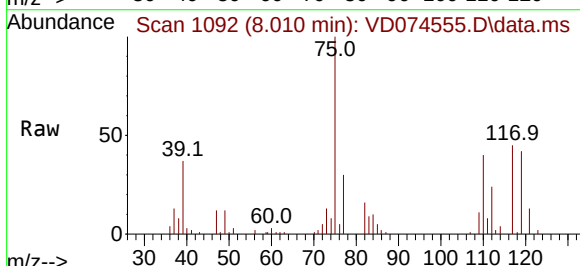
Delta R.T. 0.006 min

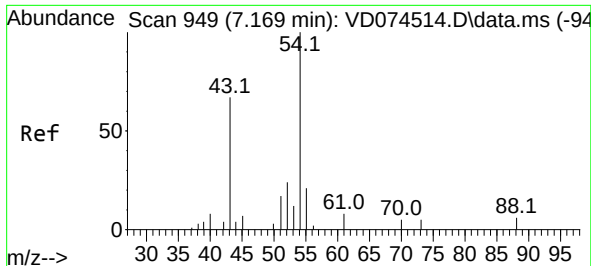
Lab File: VD074555.D

Acq: 17 Oct 2022 20:07

Tgt Ion: 75 Resp: 58815

Ion	Ratio	Lower	Upper
75	100		
110	39.9	19.7	59.0
77	31.1	25.4	38.2





#37

Ethyl Acetate

Concen: 59.979 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD074555.D

Acq: 17 Oct 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 2366

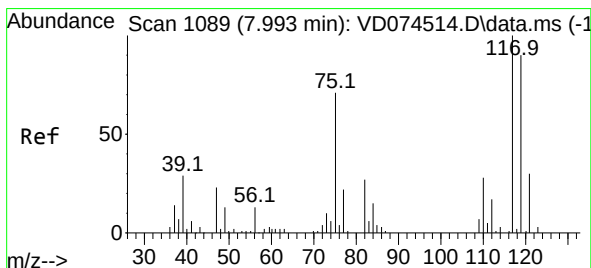
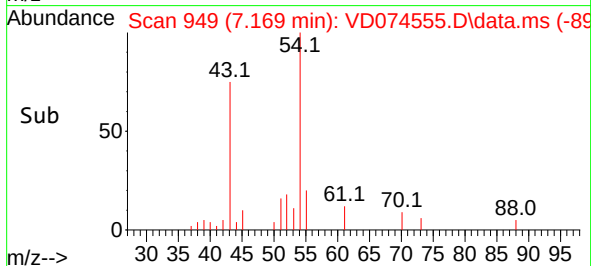
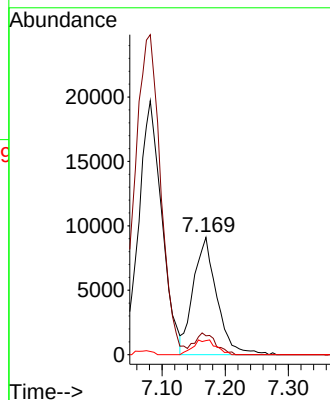
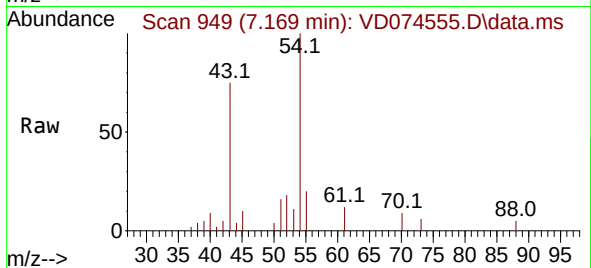
Ion	Ratio	Lower	Upper
43	100		
61	16.4	12.2	18.4
70	12.2	9.6	14.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#38

Carbon Tetrachloride

Concen: 51.874 ug/l

RT: 7.993 min Scan# 1089

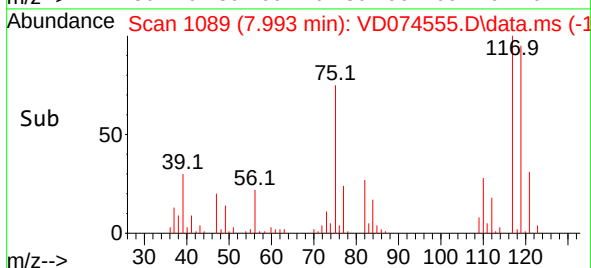
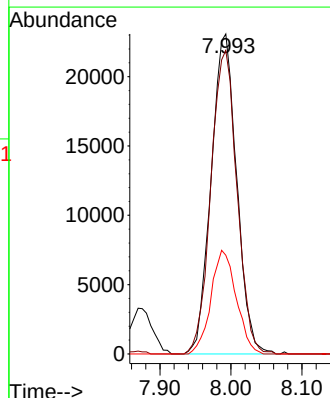
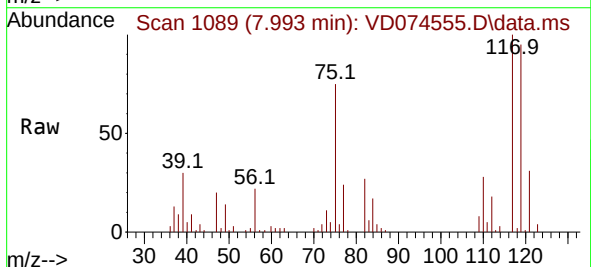
Delta R.T. 0.006 min

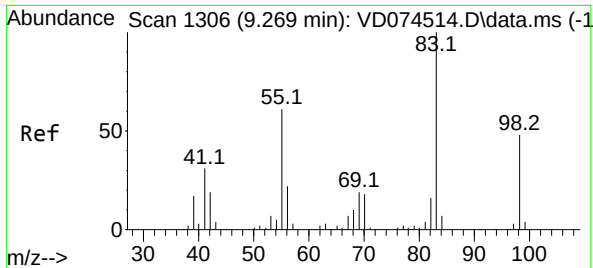
Lab File: VD074555.D

Acq: 17 Oct 2022 20:07

Tgt Ion:117 Resp: 57657

Ion	Ratio	Lower	Upper
117	100		
119	94.8	73.1	109.7
121	30.9	25.0	37.6





#39

Methylcyclohexane

Concen: 49.328 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. 0.000 min

Lab File: VD074555.D

Acq: 17 Oct 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

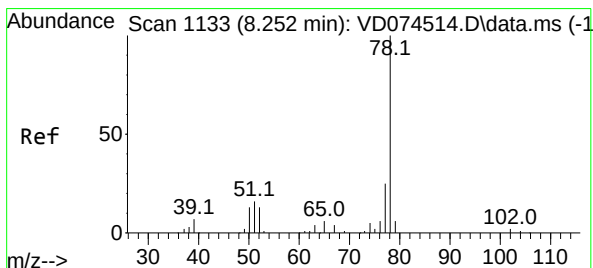
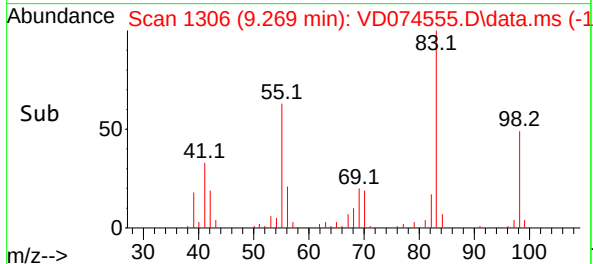
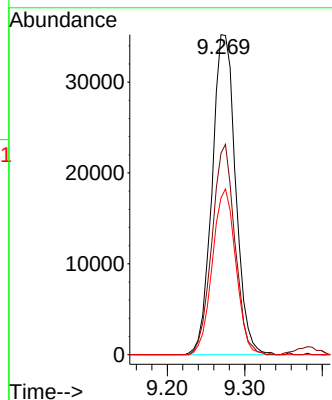
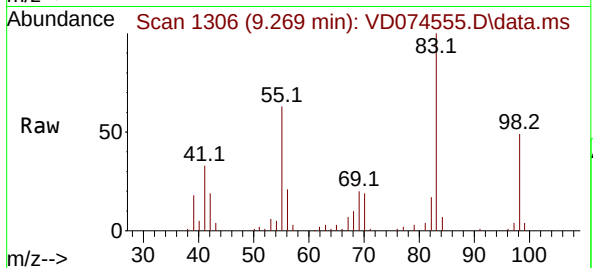
Tgt Ion: 83	Resp: 7422
Ion Ratio	Lower Upper
83 100	
55 62.9	49.0 73.4
98 49.0	41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#40

Benzene

Concen: 51.811 ug/l

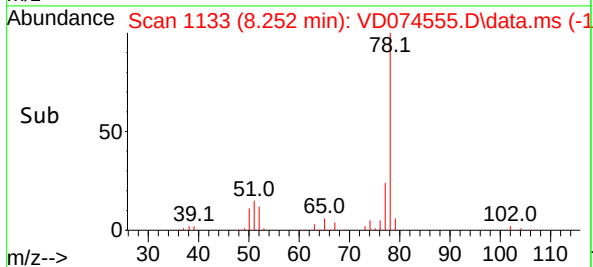
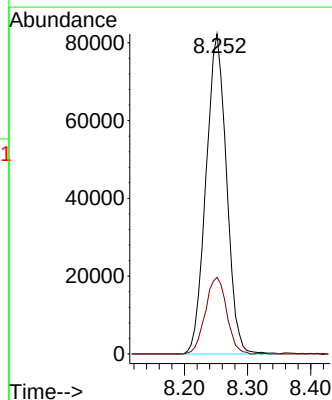
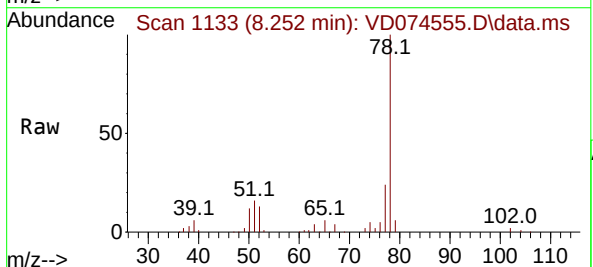
RT: 8.252 min Scan# 1133

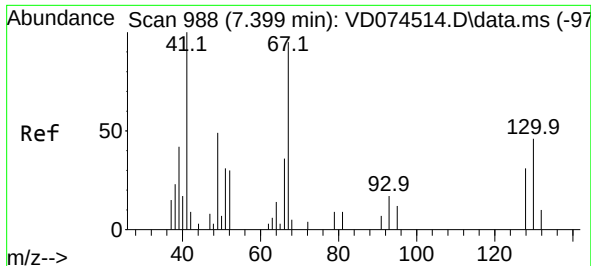
Delta R.T. -0.000 min

Lab File: VD074555.D

Acq: 17 Oct 2022 20:07

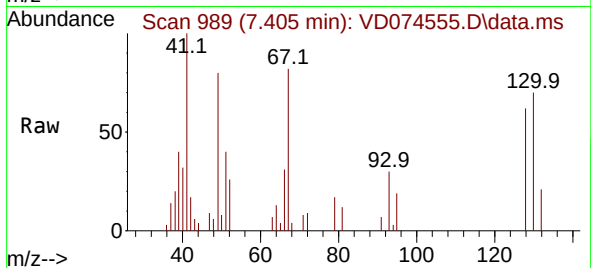
Tgt Ion: 78	Resp: 185375
Ion Ratio	Lower Upper
78 100	
77 24.0	20.1 30.1





#41
Methacrylonitrile
Concen: 58.163 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.001 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

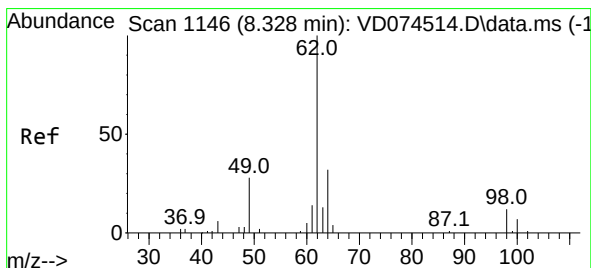
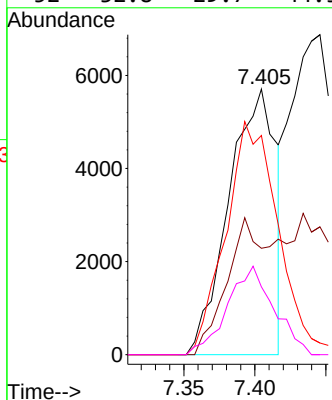
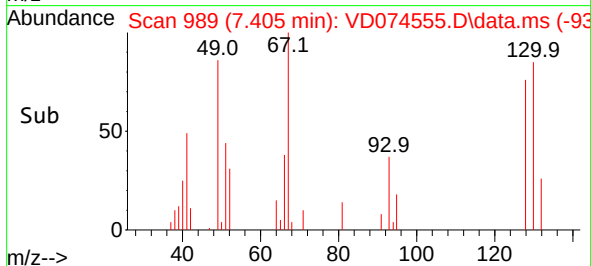
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 1316
Ion Ratio Lower Upper
41 100
39 36.8 35.0 52.6
67 97.2 77.0 115.6
52 32.8 29.7 44.5

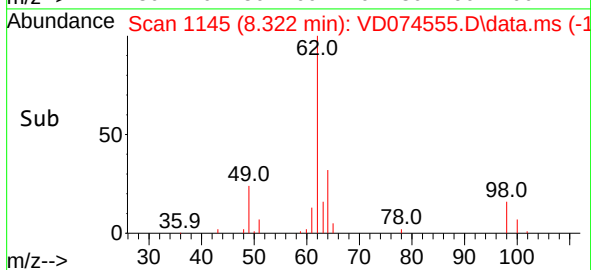
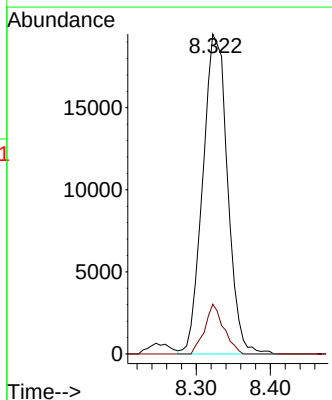
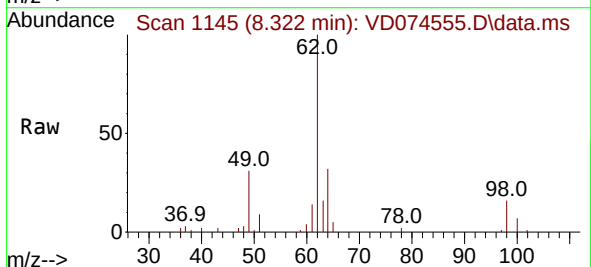
Manual Integrations
APPROVED

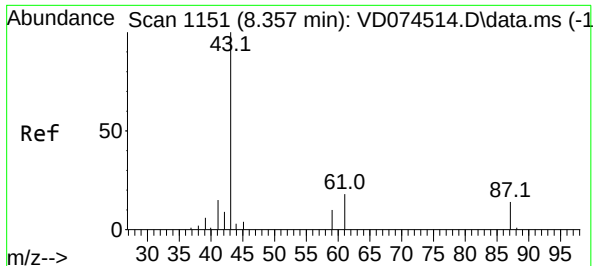
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#42
1,2-Dichloroethane
Concen: 53.562 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

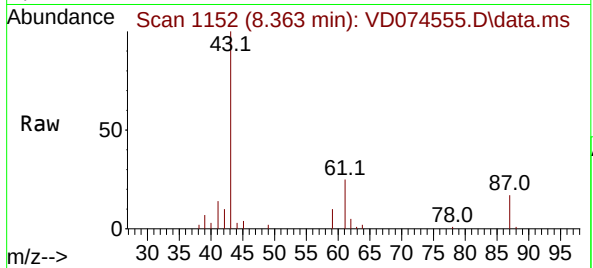
Tgt Ion: 62 Resp: 45283
Ion Ratio Lower Upper
62 100
98 11.9 0.0 24.2





#43
Isopropyl Acetate
Concen: 55.476 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

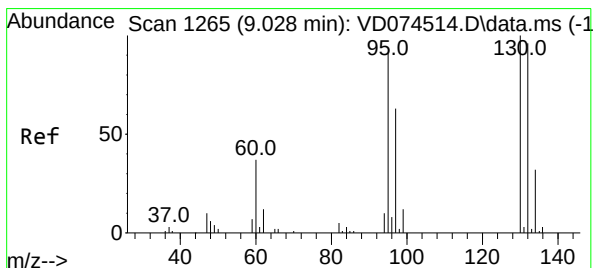
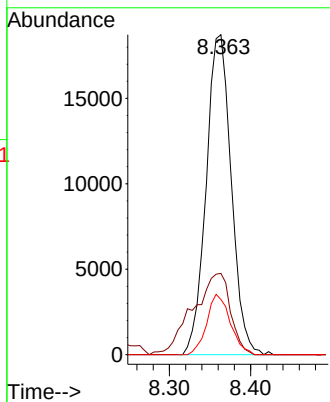
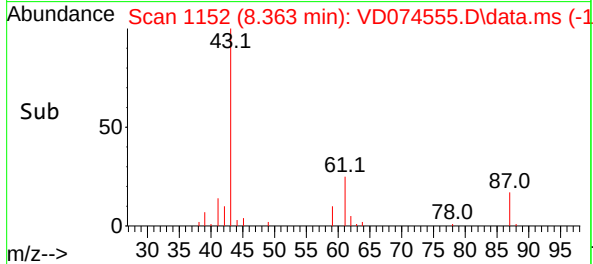
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 4021
Ion Ratio Lower Upper
43 100
61 38.1 30.9 46.3
87 17.7 14.3 21.5

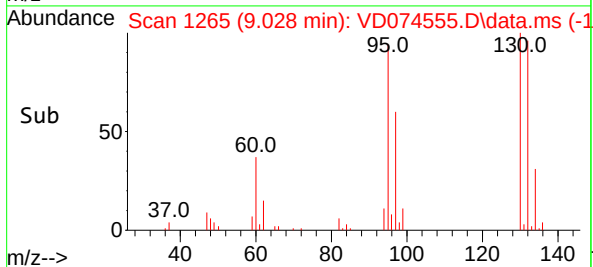
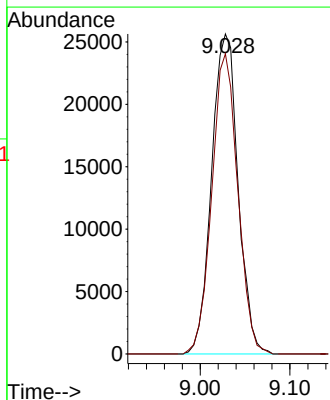
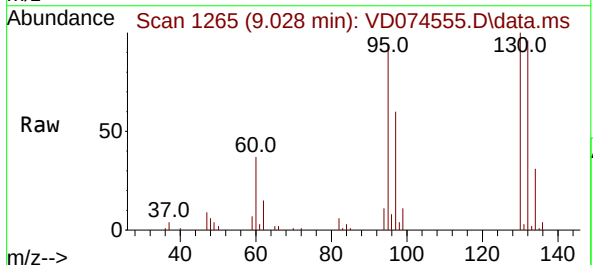
Manual Integrations
APPROVED

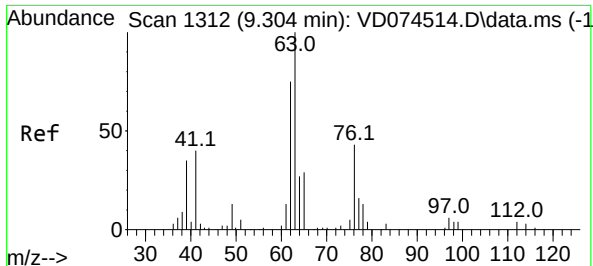
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#44
Trichloroethene
Concen: 51.263 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

Tgt Ion:130 Resp: 52470
Ion Ratio Lower Upper
130 100
95 93.8 0.0 185.4





#45

1,2-Dichloropropane

Concen: 51.641 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.001 min

Lab File: VD074555.D

Acq: 17 Oct 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

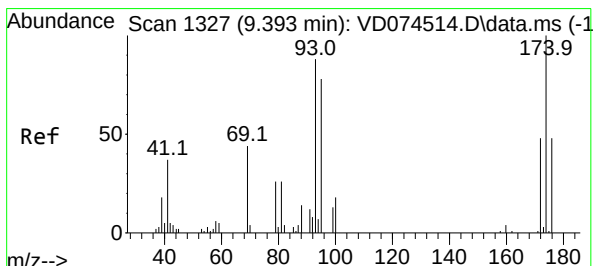
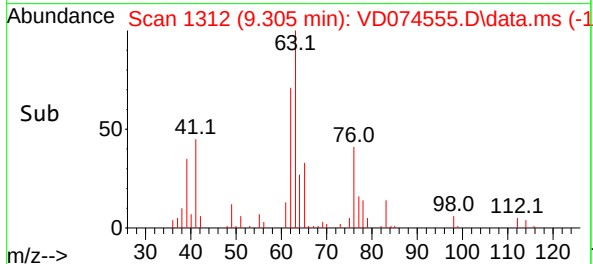
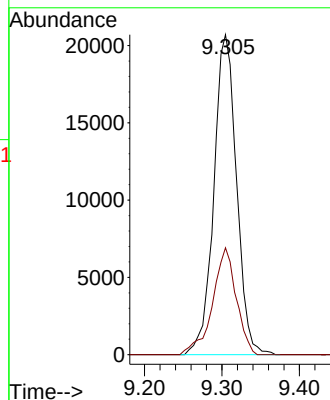
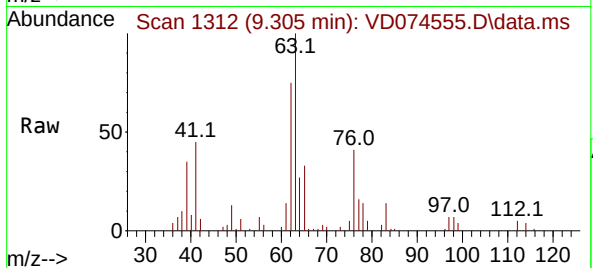
Tgt Ion: 63 Resp: 42094
 Ion Ratio Lower Upper
 63 100
 65 33.4 23.1 34.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#46

Dibromomethane

Concen: 54.403 ug/l

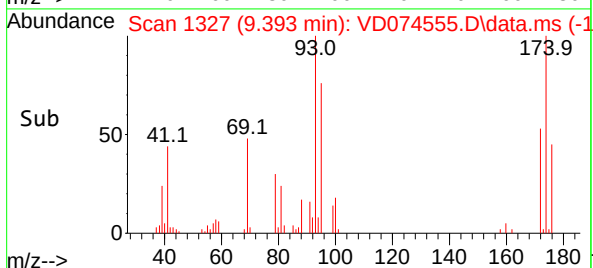
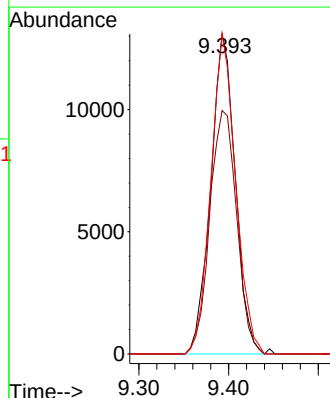
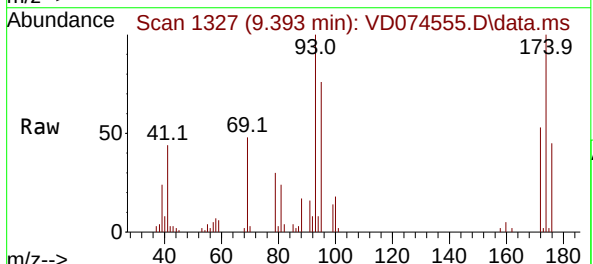
RT: 9.393 min Scan# 1327

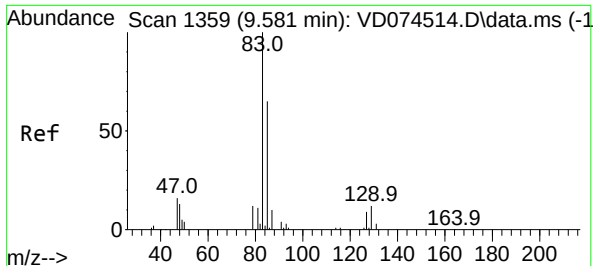
Delta R.T. -0.006 min

Lab File: VD074555.D

Acq: 17 Oct 2022 20:07

Tgt Ion: 93 Resp: 24917
 Ion Ratio Lower Upper
 93 100
 95 83.1 68.2 102.2
 174 100.7 87.4 131.0





#47

Bromodichloromethane

Concen: 53.965 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD074555.D

Acq: 17 Oct 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

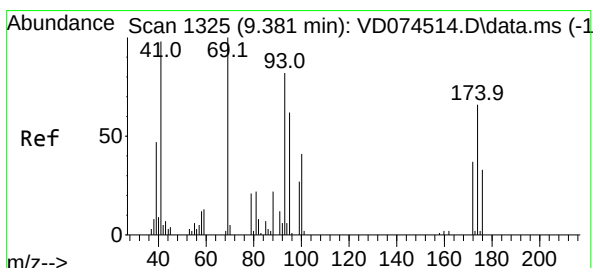
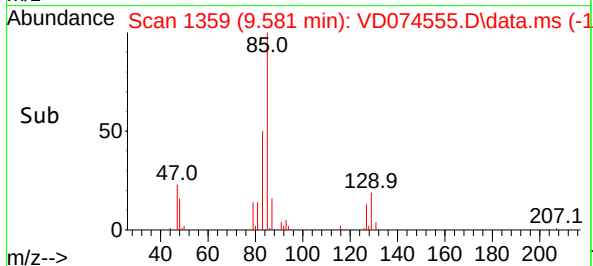
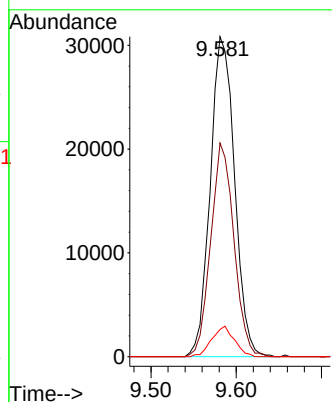
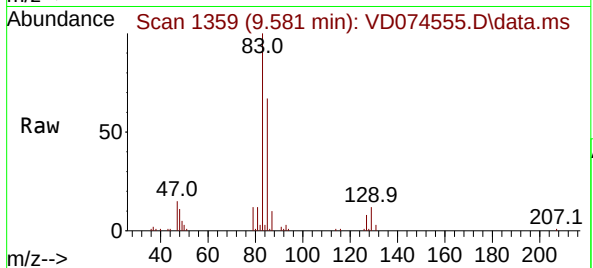
Tgt Ion:	83	Resp:	6109
Ion	Ratio	Lower	Upper
83	100		
85	66.8	48.8	73.2
127	8.5	6.7	10.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#48

Methyl methacrylate

Concen: 56.073 ug/l

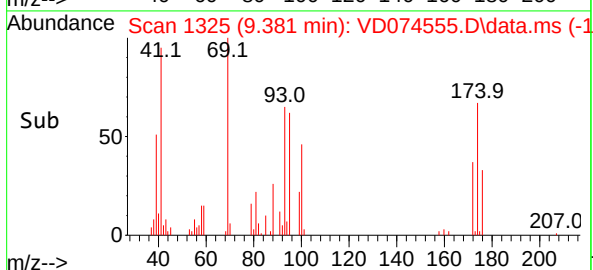
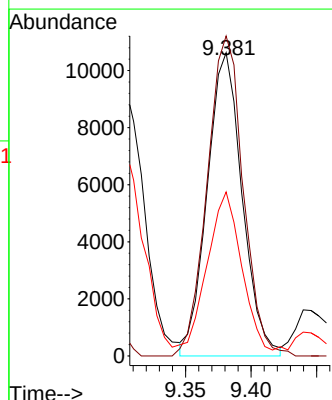
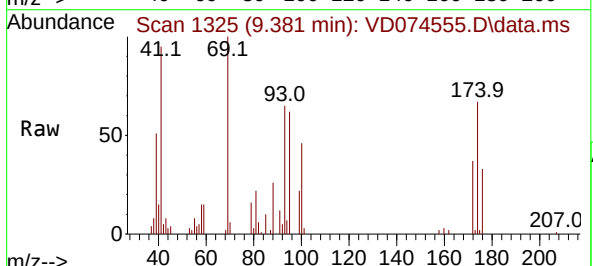
RT: 9.381 min Scan# 1325

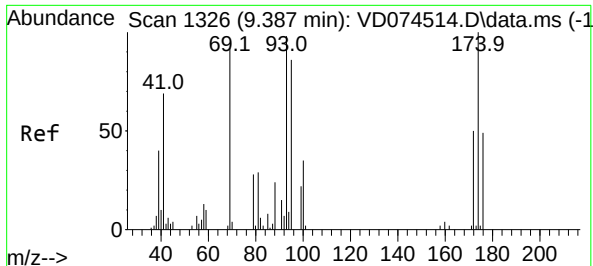
Delta R.T. -0.000 min

Lab File: VD074555.D

Acq: 17 Oct 2022 20:07

Tgt Ion:	41	Resp:	19671
Ion	Ratio	Lower	Upper
41	100		
69	108.3	93.0	139.4
39	50.7	44.6	66.8





#49

1,4-Dioxane

Concen: 1225.697 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074555.D

Acq: 17 Oct 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

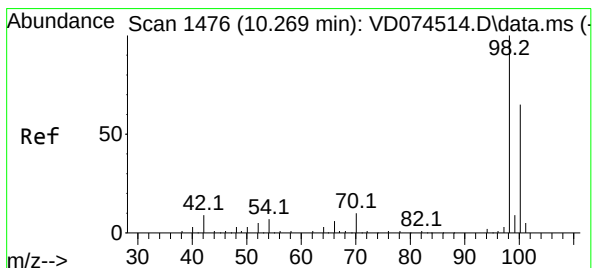
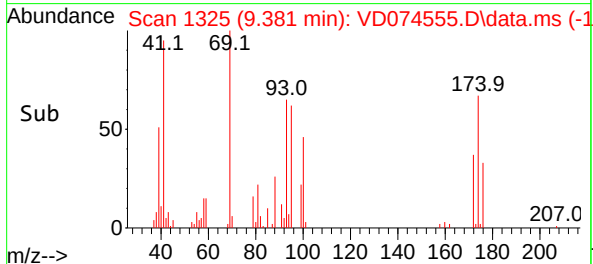
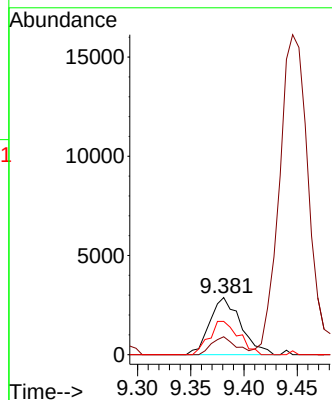
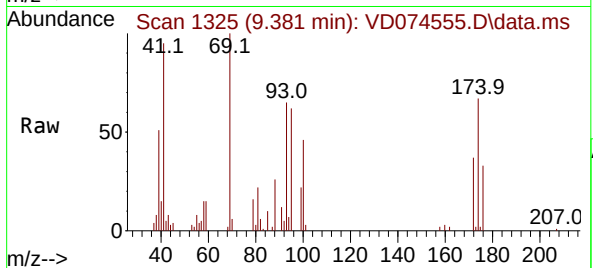
Tgt Ion:	88	Resp:	583
Ion	Ratio	Lower	Upper
88	100		
43	24.3	24.1	36.1
58	55.4	43.1	64.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#50

Toluene-d8

Concen: 52.887 ug/l

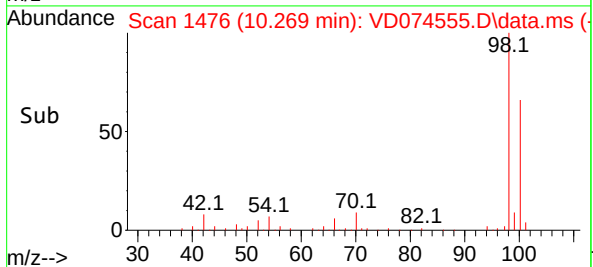
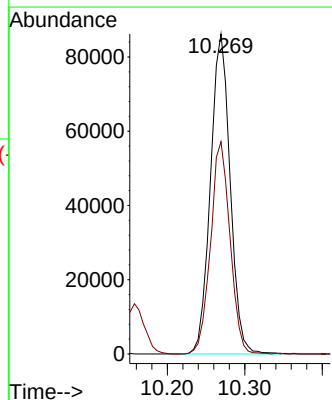
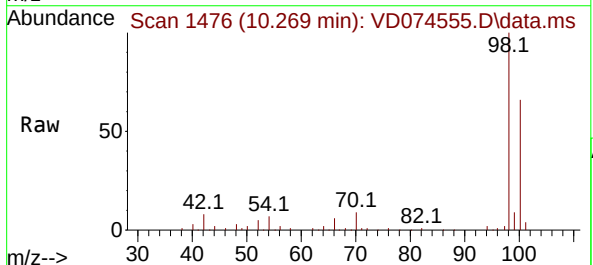
RT: 10.269 min Scan# 1476

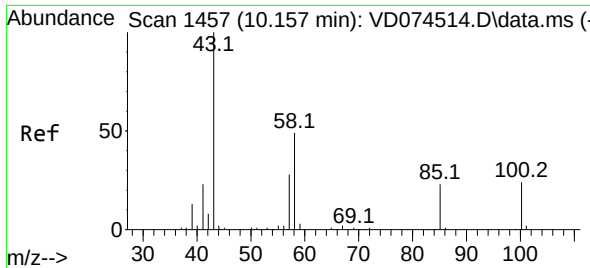
Delta R.T. 0.000 min

Lab File: VD074555.D

Acq: 17 Oct 2022 20:07

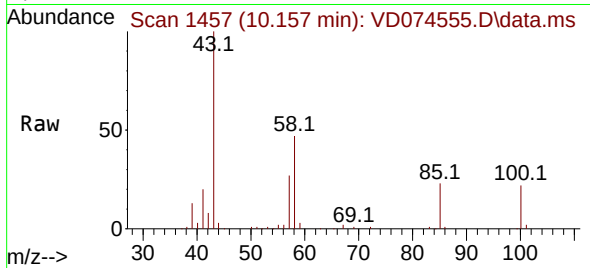
Tgt Ion:	98	Resp:	151947
Ion	Ratio	Lower	Upper
98	100		
100	65.6	51.4	77.0





#51
4-Methyl-2-Pentanone
Concen: 295.569 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

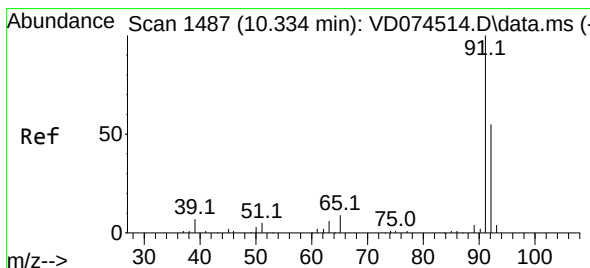
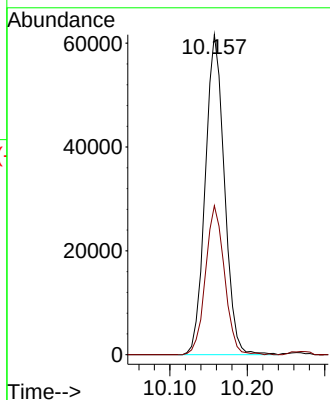
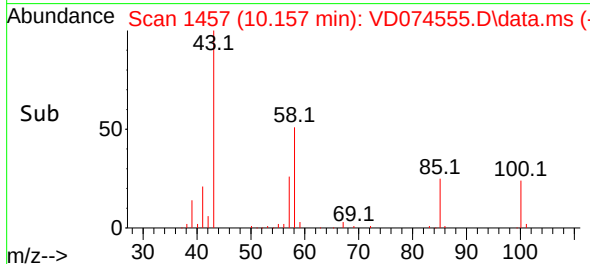
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 106002
Ion Ratio Lower Upper
43 100
58 46.3 37.8 56.6

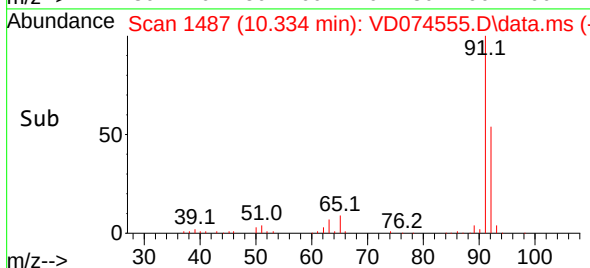
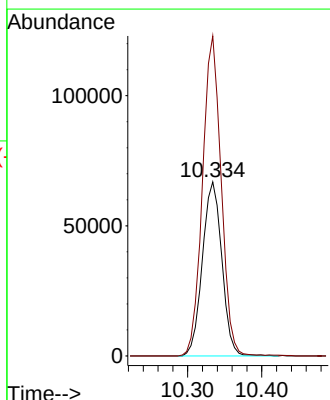
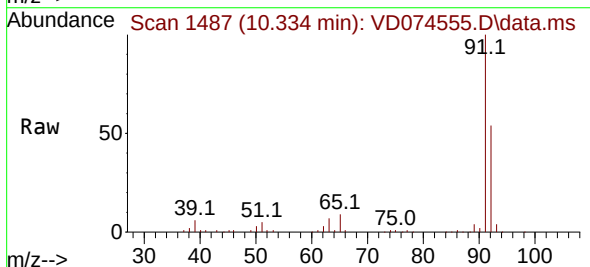
Manual Integrations
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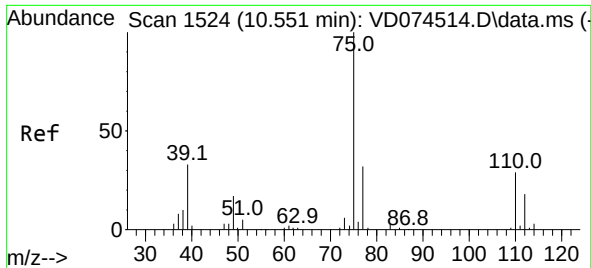
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#52
Toluene
Concen: 53.944 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

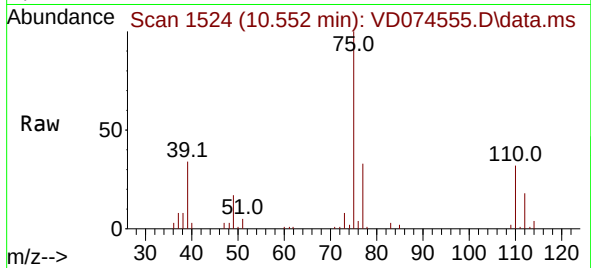
Tgt Ion: 92 Resp: 121981
Ion Ratio Lower Upper
92 100
91 177.1 139.0 208.4





#53
 t-1,3-Dichloropropene
 Concen: 53.974 ug/l
 RT: 10.552 min Scan# 1524
 Delta R.T. 0.001 min
 Lab File: VD074555.D
 Acq: 17 Oct 2022 20:07

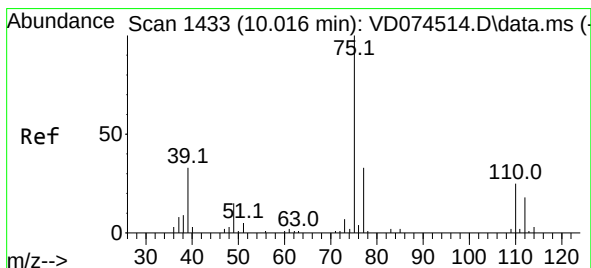
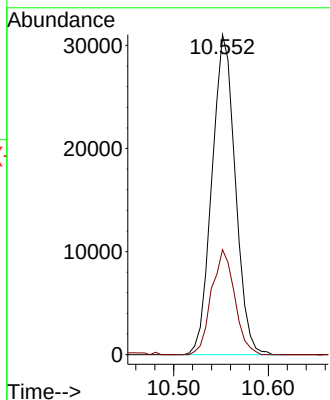
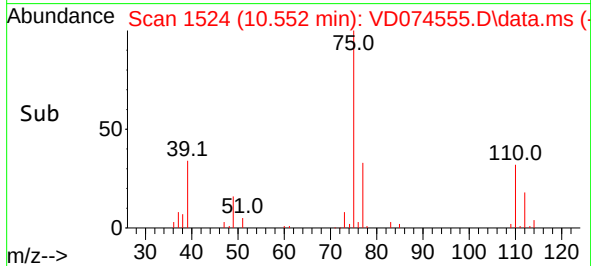
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



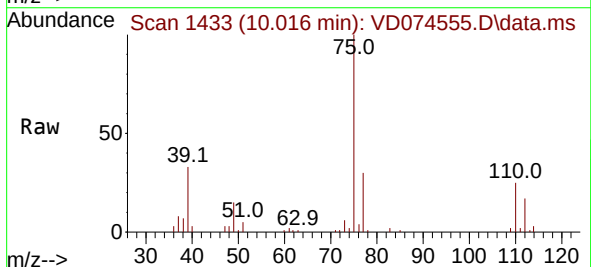
Tgt Ion: 75 Resp: 53278
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.6 38.4

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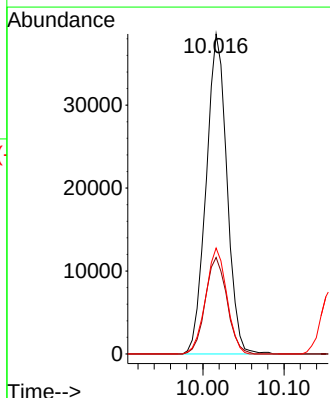
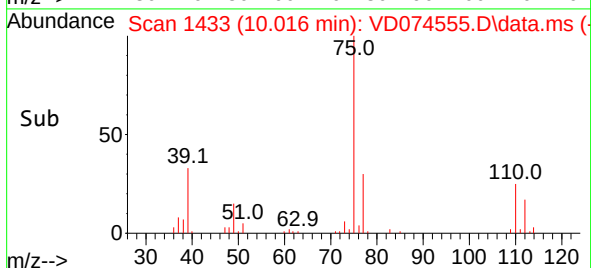
Reviewed By :Krupa Patel 10/18/2022
 Supervised By :Mahesh Dadoda 10/19/2022

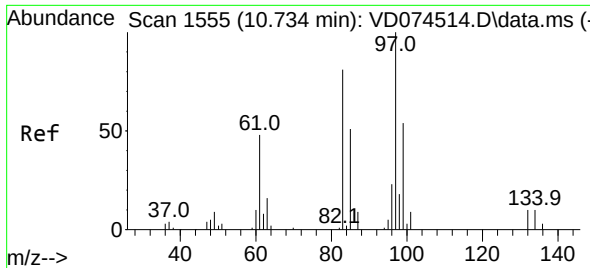


#54
 cis-1,3-Dichloropropene
 Concen: 55.053 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD074555.D
 Acq: 17 Oct 2022 20:07



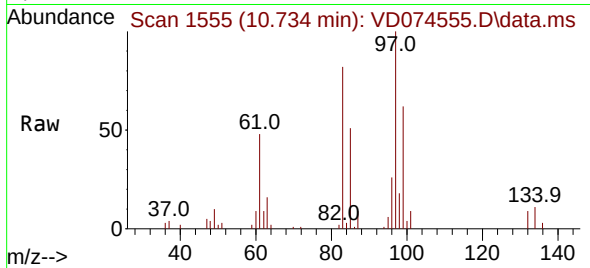
Tgt Ion: 75 Resp: 68637
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.7 37.1
 39 33.1 25.4 38.2





#55
1,1,2-Trichloroethane
Concen: 56.765 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

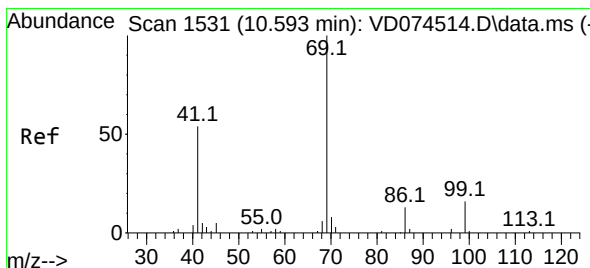
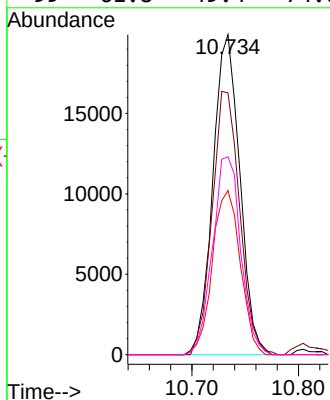
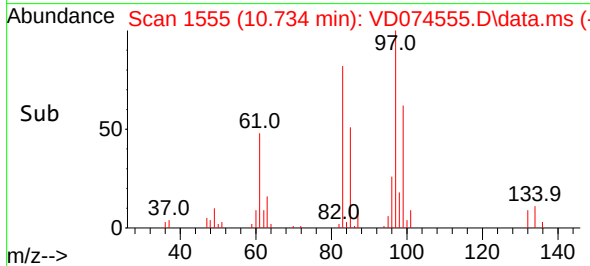


Tgt Ion: 97 Resp: 3485

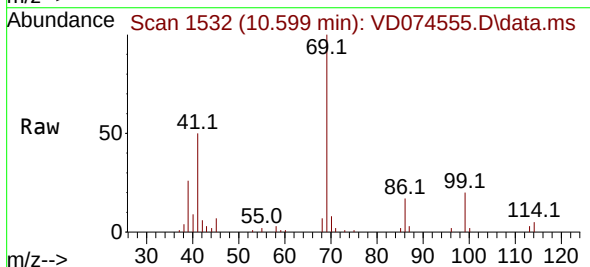
Ion	Ratio	Lower	Upper
97	100		
83	81.8	64.8	97.2
85	51.3	44.8	67.2
99	61.8	49.4	74.0

Manual Integrations
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Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

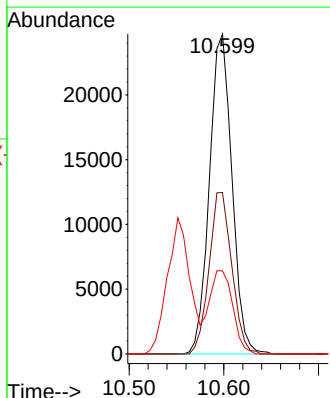
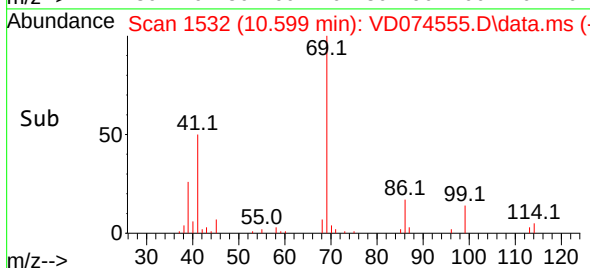


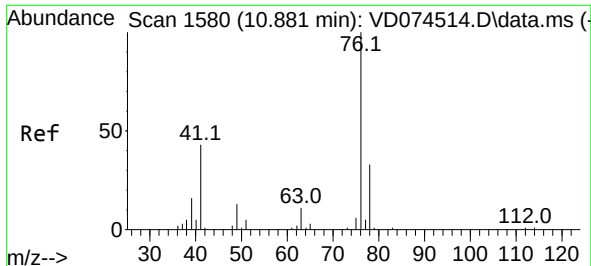
#56
Ethyl methacrylate
Concen: 57.567 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.006 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07



Tgt Ion: 69 Resp: 40743

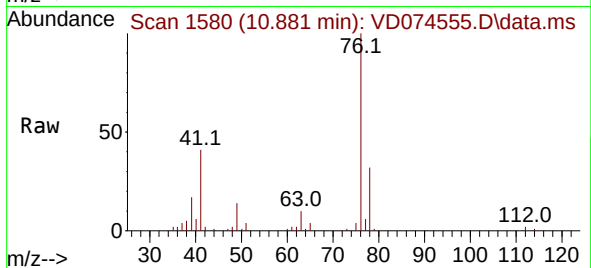
Ion	Ratio	Lower	Upper
69	100		
41	51.0	38.6	58.0
39	27.3	19.9	29.9





#57
1,3-Dichloropropane
Concen: 54.432 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.006 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

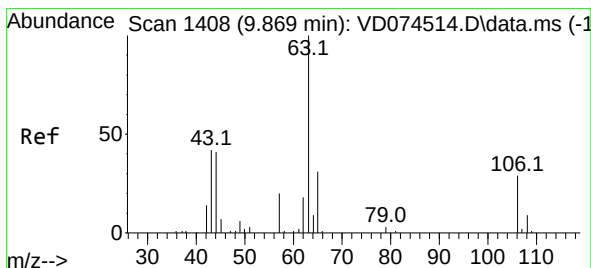
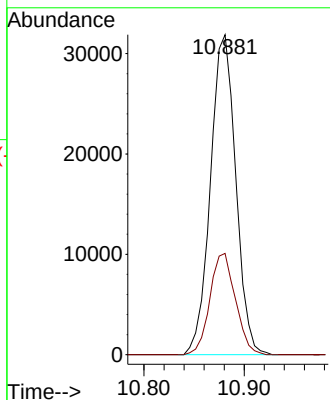
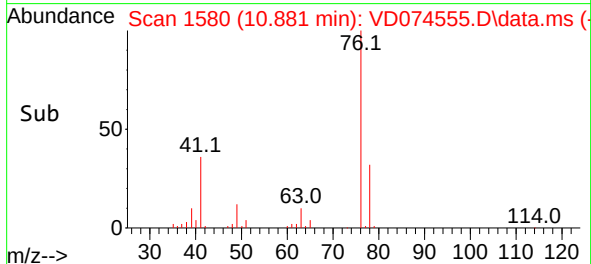
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 5589
Ion Ratio Lower Upper
76 100
78 31.9 25.7 38.5

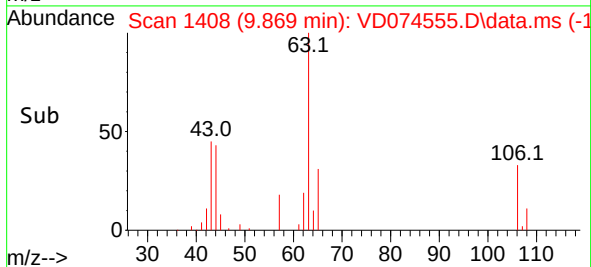
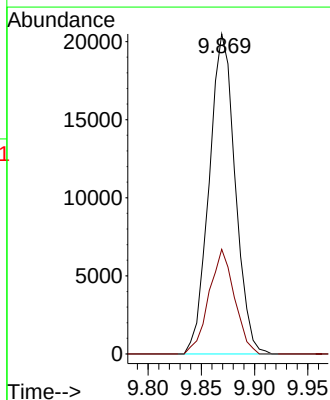
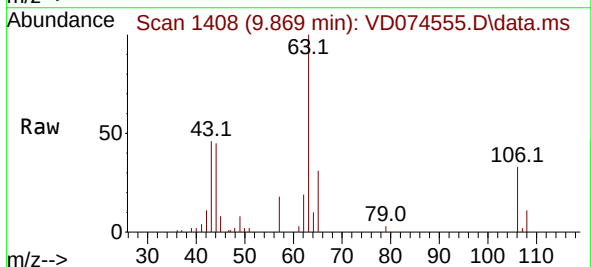
Manual Integrations
APPROVED

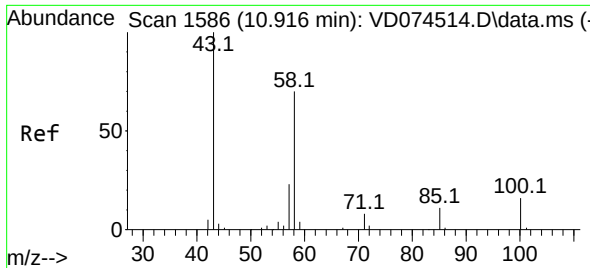
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#58
2-Chloroethyl Vinyl ether
Concen: 225.988 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

Tgt Ion: 63 Resp: 34824
Ion Ratio Lower Upper
63 100
106 32.1 26.5 39.7





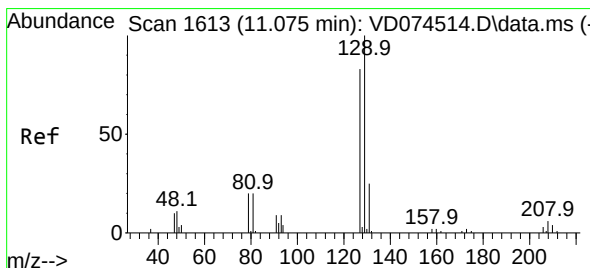
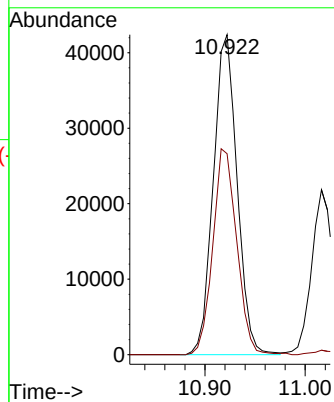
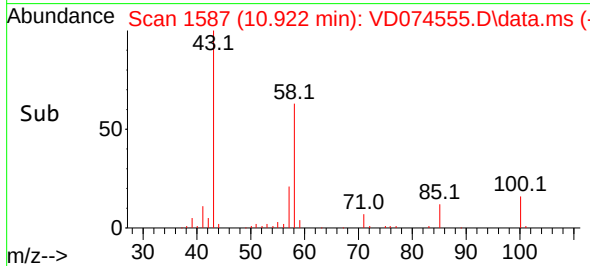
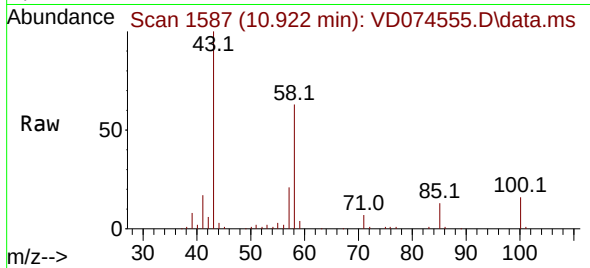
#59
2-Hexanone
Concen: 290.880 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 6983
Ion Ratio Lower Upper
43 100
58 64.8 32.0 96.2

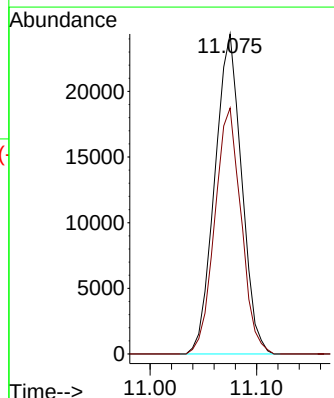
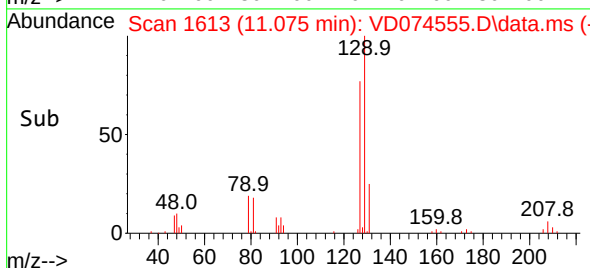
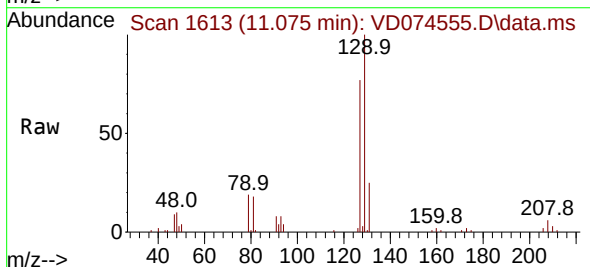
Manual Integrations
APPROVED

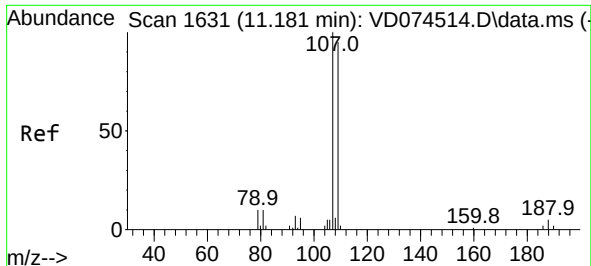
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#60
Dibromochloromethane
Concen: 57.738 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

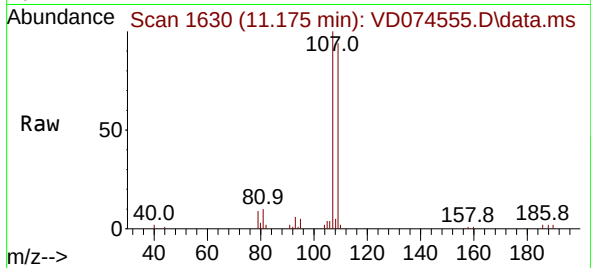
Tgt Ion:129 Resp: 42638
Ion Ratio Lower Upper
129 100
127 75.5 39.1 117.2





#61
1,2-Dibromoethane
Concen: 56.711 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

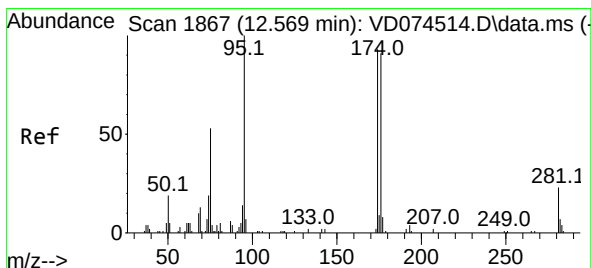
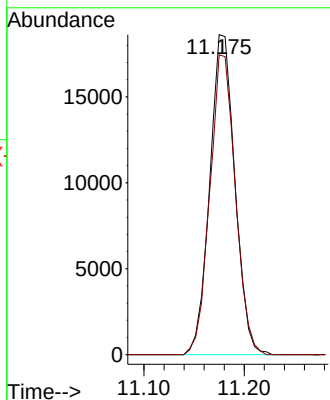
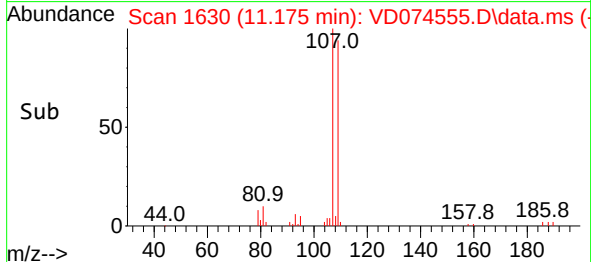
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 3239
Ion Ratio Lower Upper
107 100
109 95.1 74.6 111.8

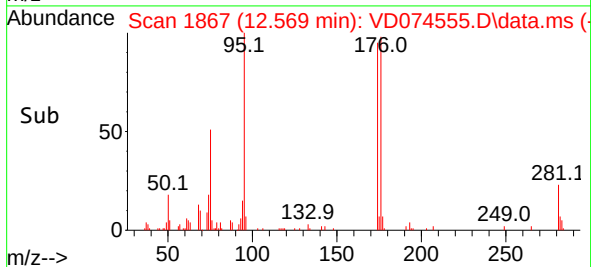
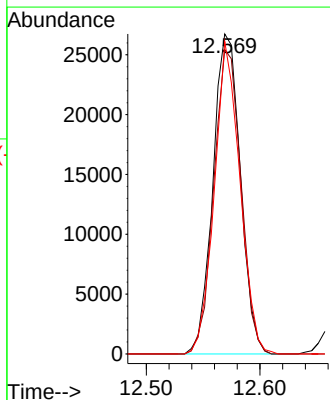
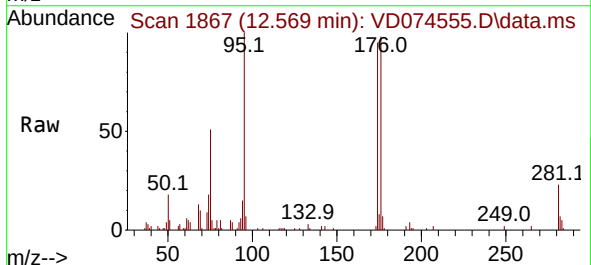
Manual Integrations
APPROVED

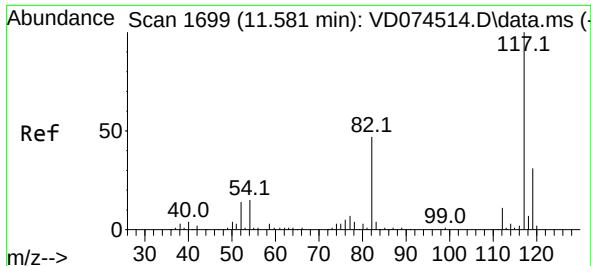
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#62
4-Bromofluorobenzene
Concen: 50.914 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

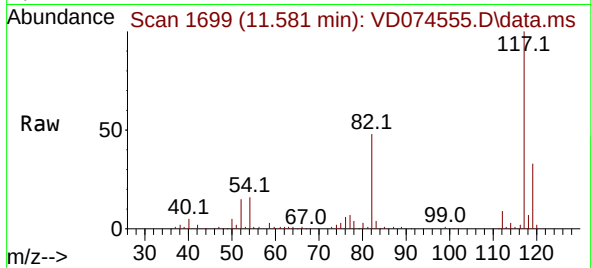
Tgt Ion: 95 Resp: 44754
Ion Ratio Lower Upper
95 100
174 94.3 0.0 197.0
176 91.2 0.0 182.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

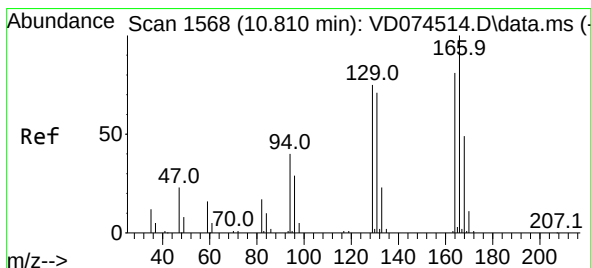
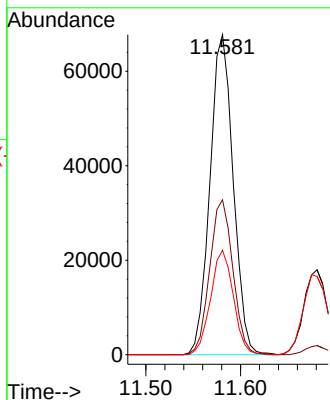
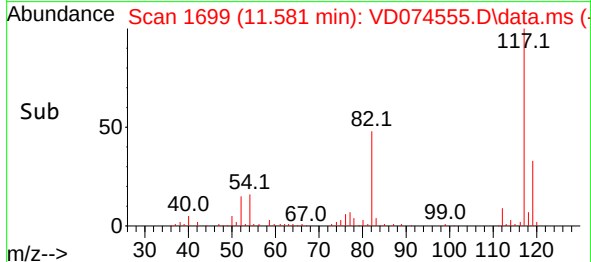
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



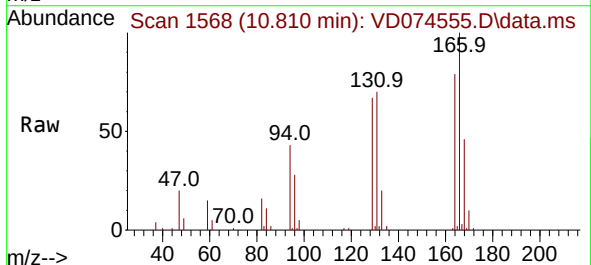
Tgt Ion:117 Resp: 115480
Ion Ratio Lower Upper
117 100
82 48.4 41.6 62.4
119 32.7 25.2 37.8

Manual Integrations
APPROVED

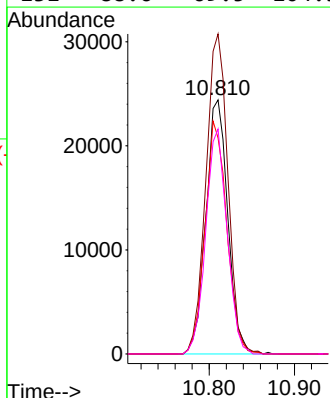
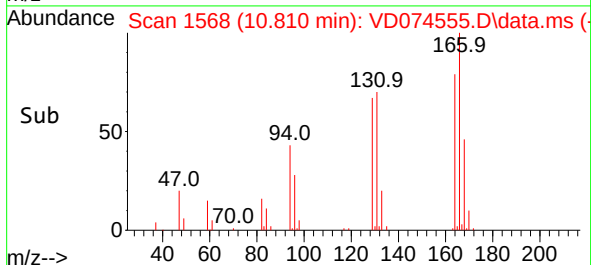
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

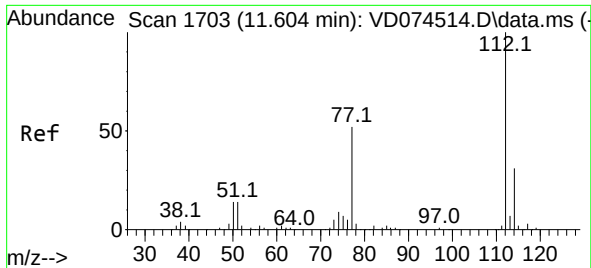


#64
Tetrachloroethene
Concen: 50.446 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07



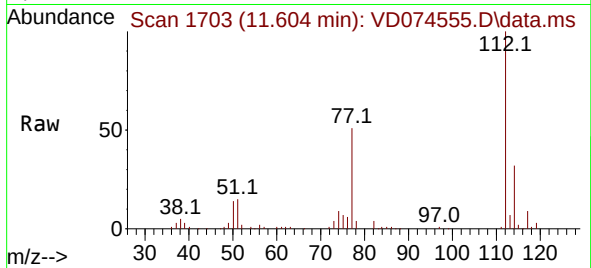
Tgt Ion:164 Resp: 43622
Ion Ratio Lower Upper
164 100
166 126.0 107.8 161.8
129 85.0 77.4 116.2
131 88.6 69.5 104.3





#65
Chlorobenzene
Concen: 52.652 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

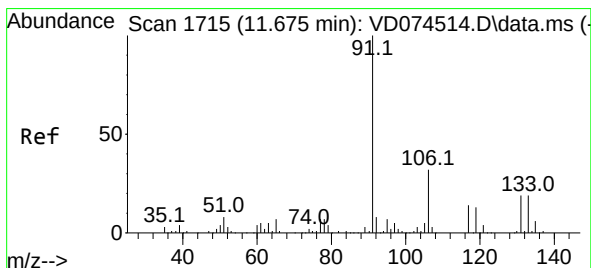
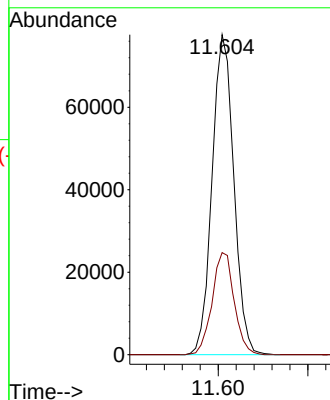
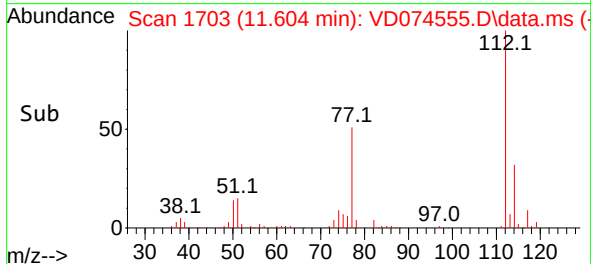
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



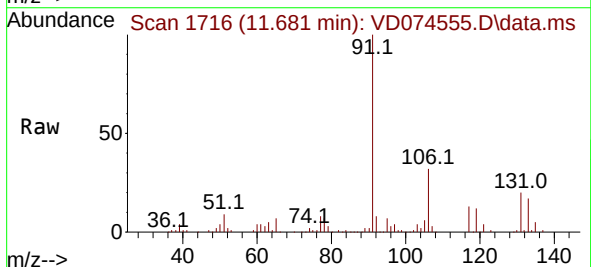
Tgt Ion:112 Resp: 130514
Ion Ratio Lower Upper
112 100
114 31.9 25.1 37.7

Manual Integrations
APPROVED

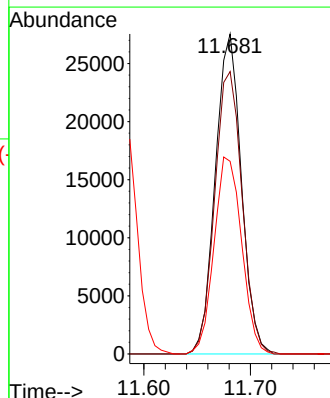
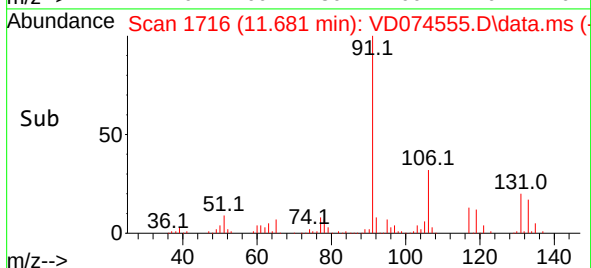
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

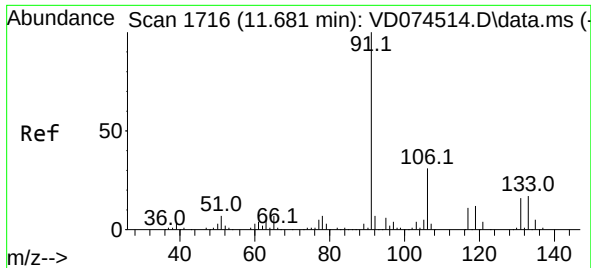


#66
1,1,1,2-Tetrachloroethane
Concen: 55.571 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07



Tgt Ion:131 Resp: 46741
Ion Ratio Lower Upper
131 100
133 92.8 46.6 139.8
119 65.2 32.5 97.4





#67

Ethyl Benzene

Concen: 51.721 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD074555.D

Acq: 17 Oct 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 227254

Ion Ratio Lower Upper

91 100

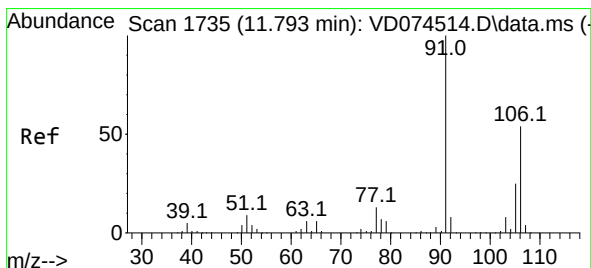
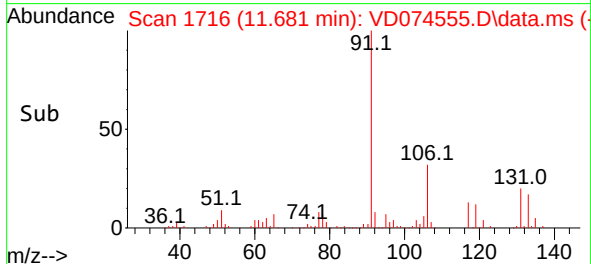
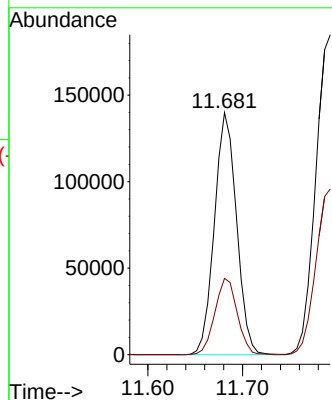
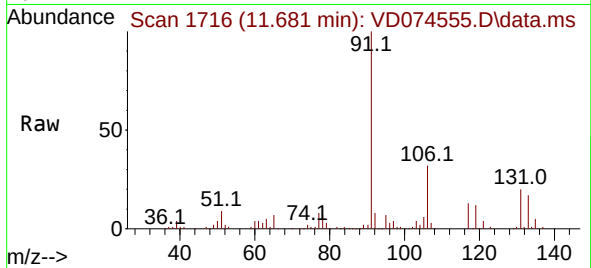
106 31.5 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#68

m/p-Xylenes

Concen: 104.346 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD074555.D

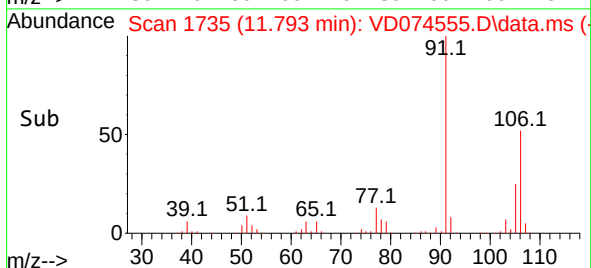
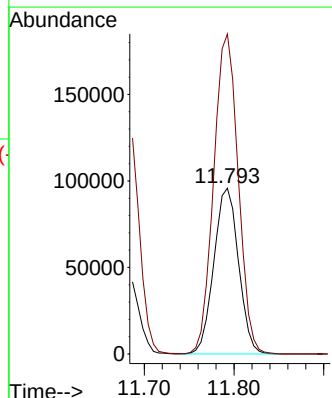
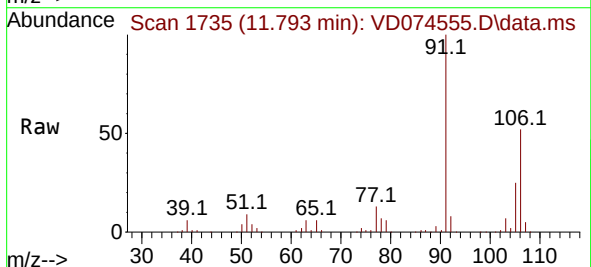
Acq: 17 Oct 2022 20:07

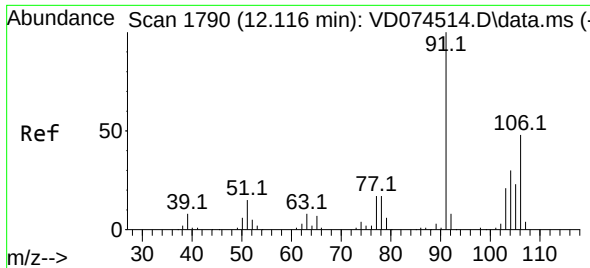
Tgt Ion:106 Resp: 182817

Ion Ratio Lower Upper

106 100

91 191.9 156.2 234.4





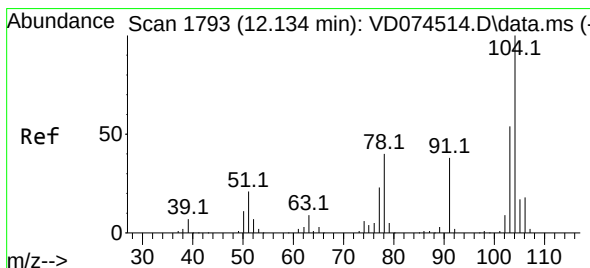
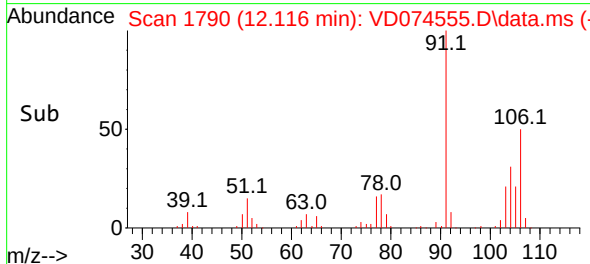
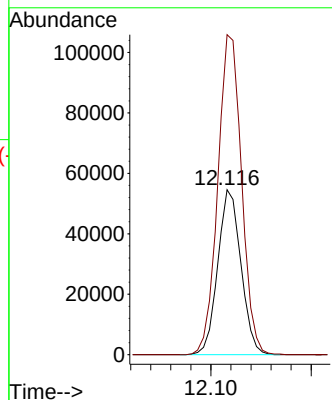
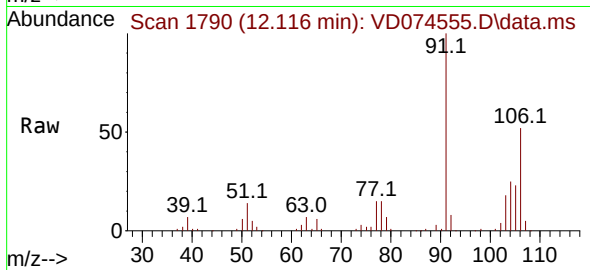
#69
o-Xylene
Concen: 53.587 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 87350
Ion Ratio Lower Upper
106 100
91 199.4 104.5 313.3

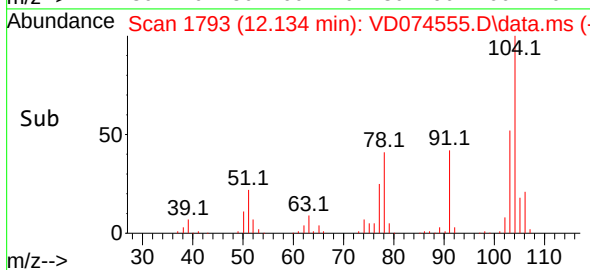
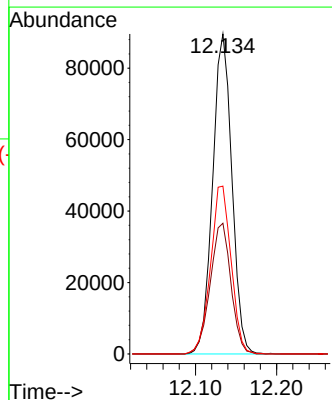
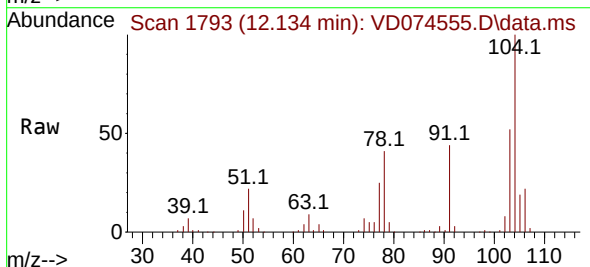
Manual Integrations
APPROVED

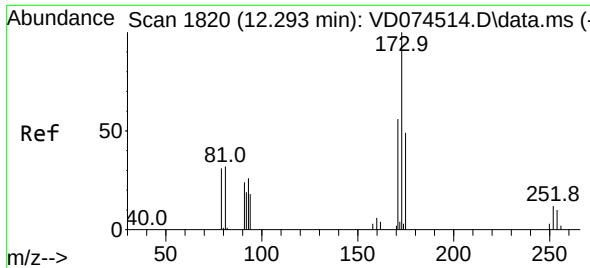
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#70
Styrene
Concen: 53.614 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

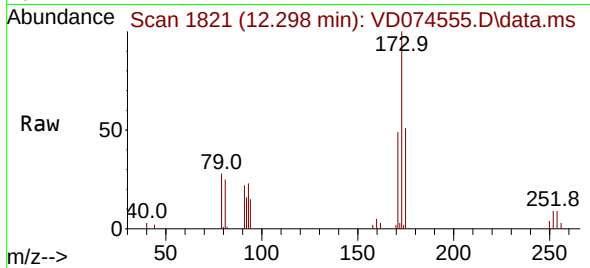
Tgt Ion:104 Resp: 147689
Ion Ratio Lower Upper
104 100
78 44.1 35.7 53.5
103 56.0 43.7 65.5





#71
Bromoform
Concen: 58.590 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

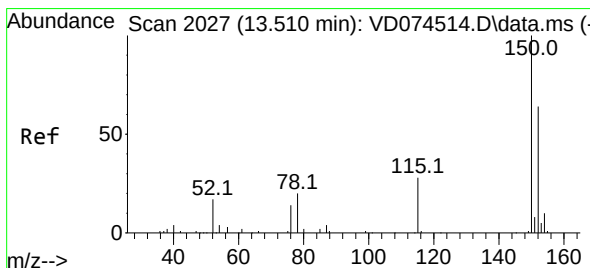
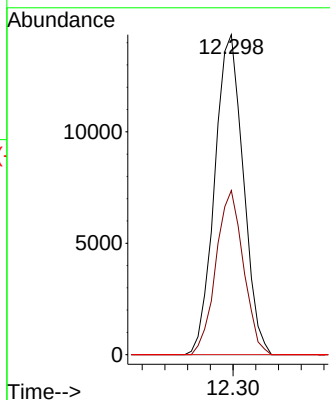
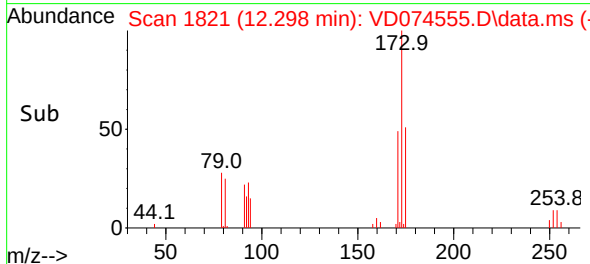
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 2510
Ion Ratio Lower Upper
173 100
175 49.4 23.1 69.3
254 0.0 0.0 0.0

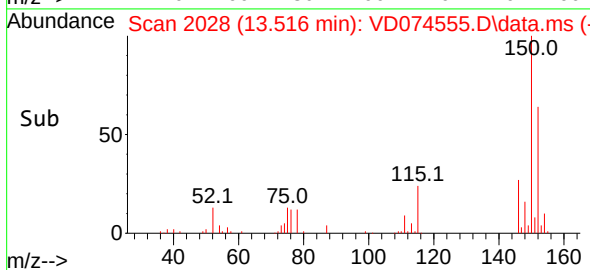
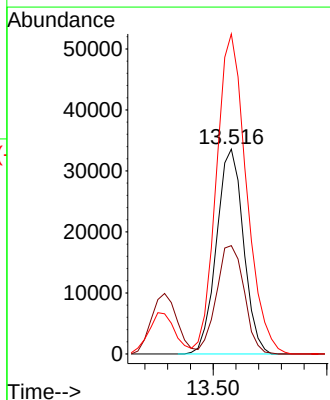
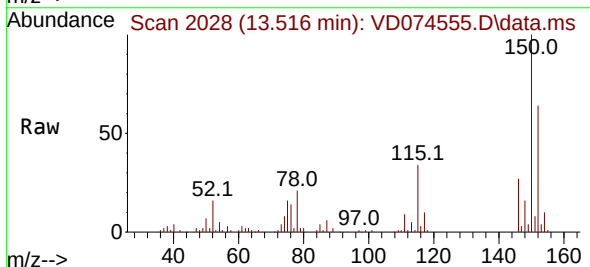
Manual Integrations
APPROVED

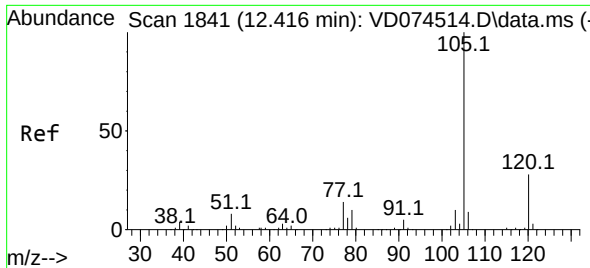
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

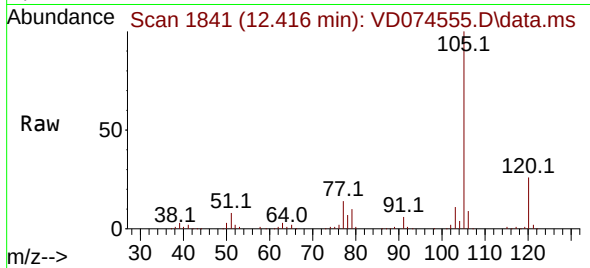
Tgt Ion:152 Resp: 55237
Ion Ratio Lower Upper
152 100
115 54.5 26.8 80.4
150 174.7 0.0 348.2





#73
Isopropylbenzene
Concen: 50.331 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

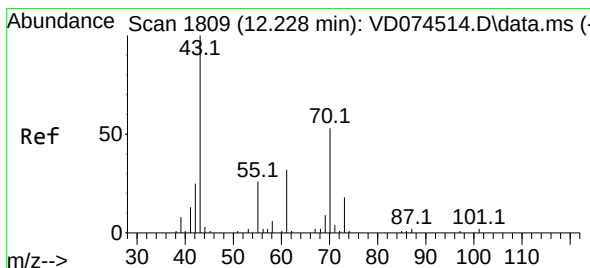
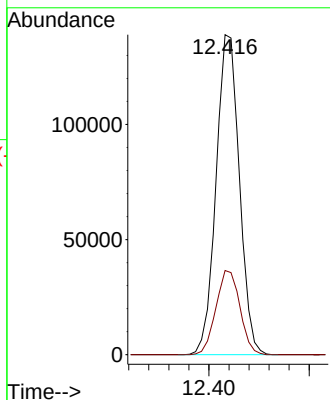
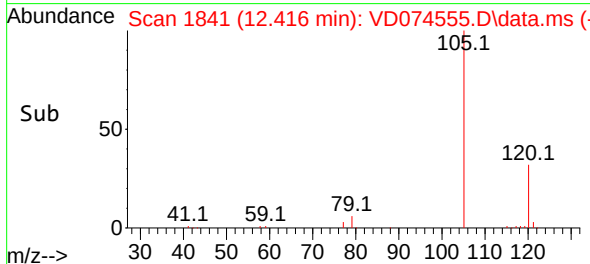
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 223650
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

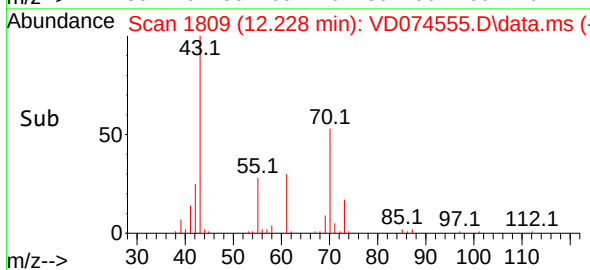
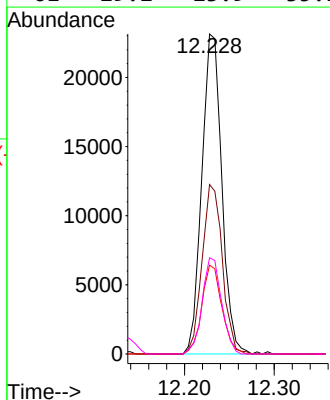
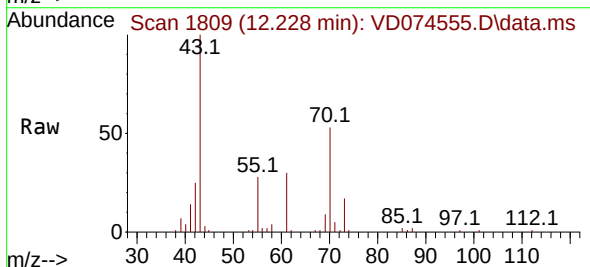
Manual Integrations
APPROVED

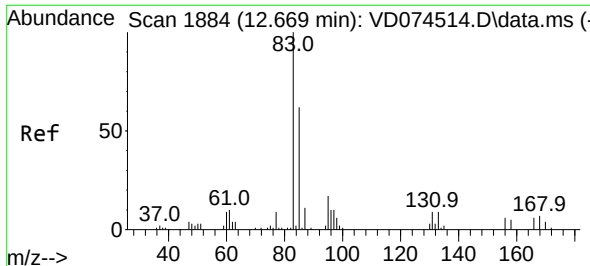
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#74
N-ethyl acetate
Concen: 51.466 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

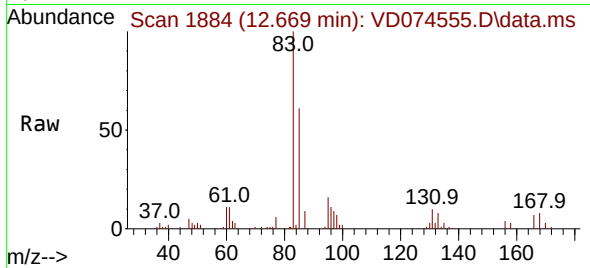
Tgt Ion: 43 Resp: 35817
Ion Ratio Lower Upper
43 100
70 53.5 43.8 65.6
55 27.8 22.0 33.0
61 29.2 23.9 35.9





#75
1,1,2,2-Tetrachloroethane
Concen: 54.412 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

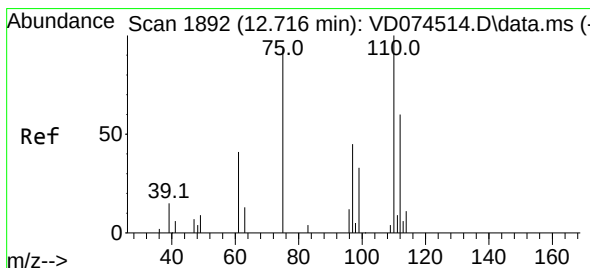
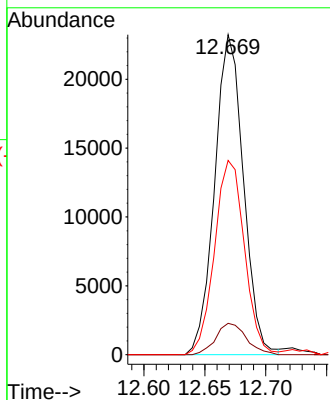
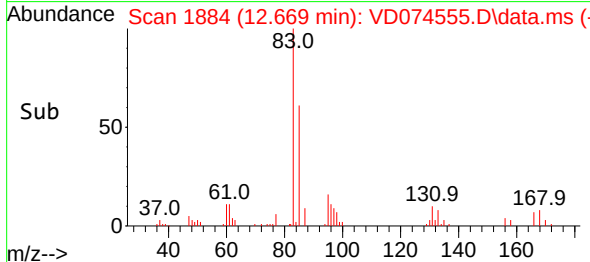
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 38240
Ion Ratio Lower Upper
83 100
131 10.4 4.7 14.1
85 63.1 33.1 99.2

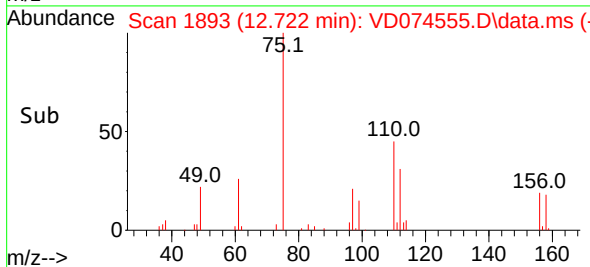
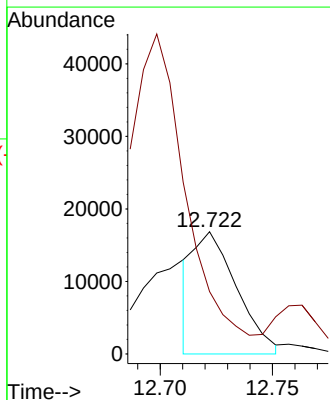
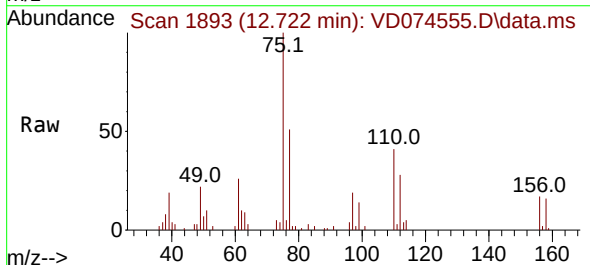
Manual Integrations
APPROVED

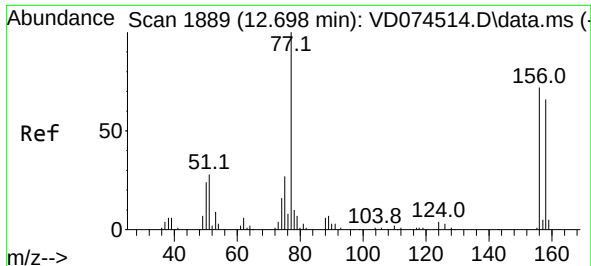
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#76
1,2,3-Trichloropropane
Concen: 47.911 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

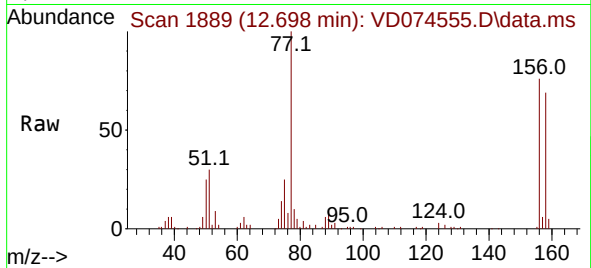
Tgt Ion: 75 Resp: 22617
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#





#77
Bromobenzene
Concen: 52.982 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

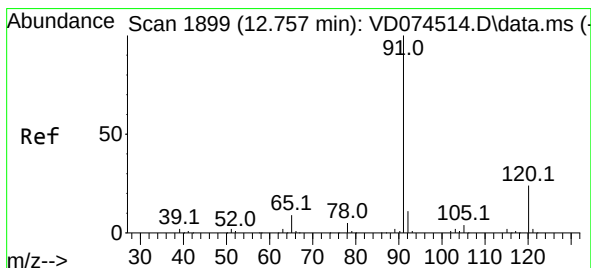
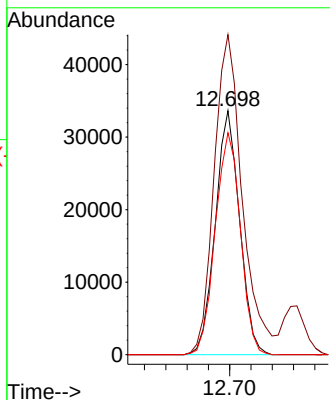
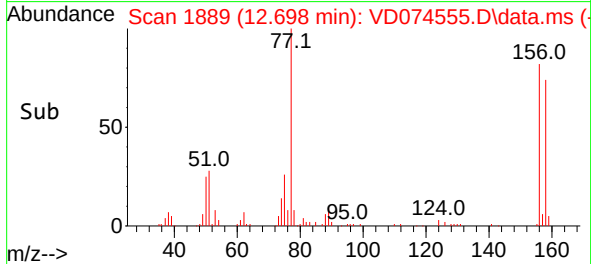
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



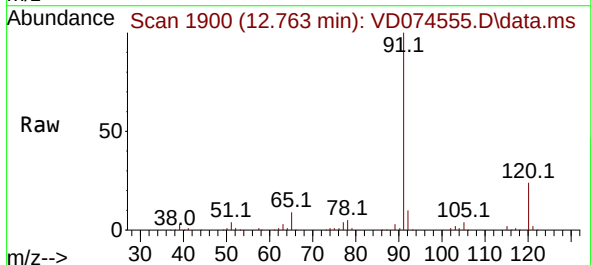
Tgt Ion:156 Resp: 5326
Ion Ratio Lower Upper
156 100
77 151.5 77.7 233.1
158 94.0 49.4 148.2

Manual Integrations
APPROVED

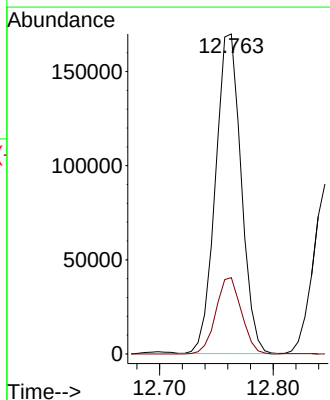
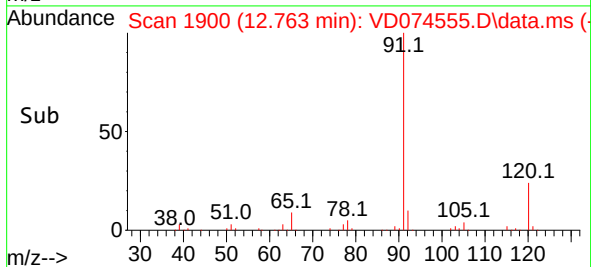
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

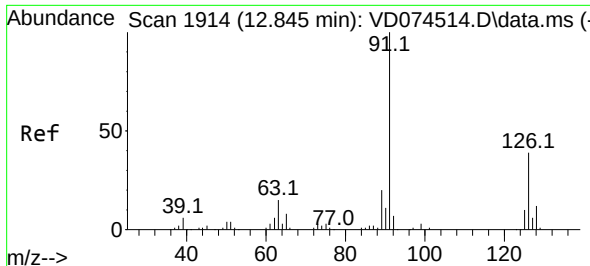


#78
n-propylbenzene
Concen: 49.630 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07



Tgt Ion: 91 Resp: 266806
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.7





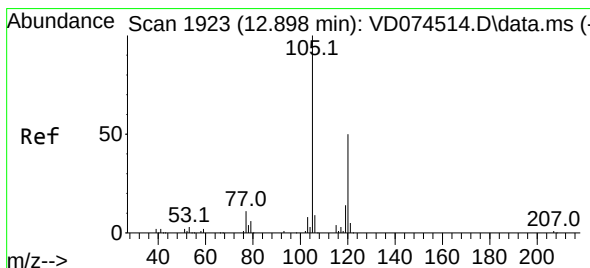
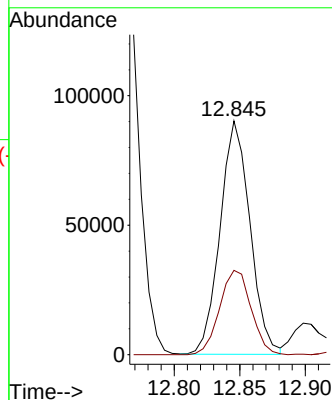
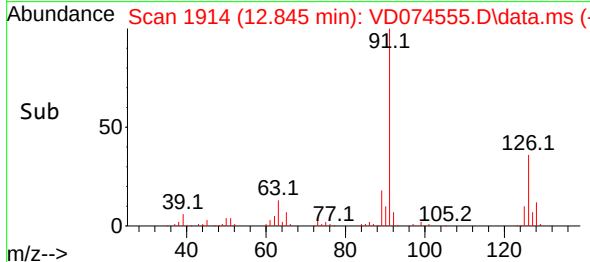
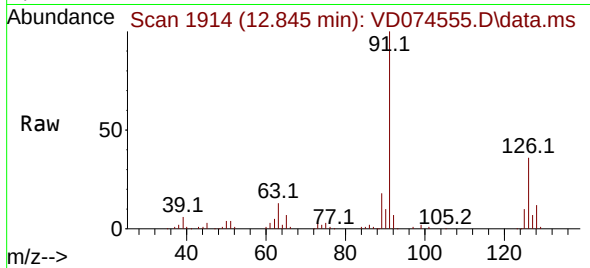
#79
2-Chlorotoluene
Concen: 49.676 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 143338
Ion Ratio Lower Upper
91 100
126 37.8 18.3 54.8

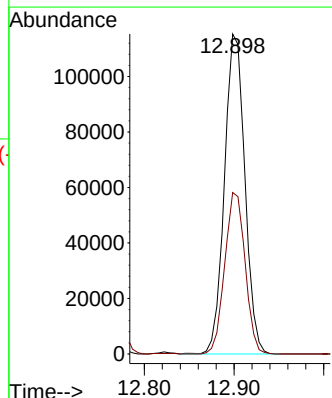
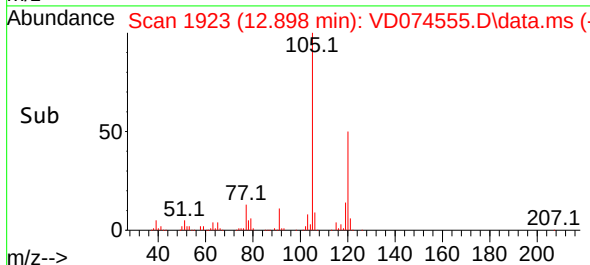
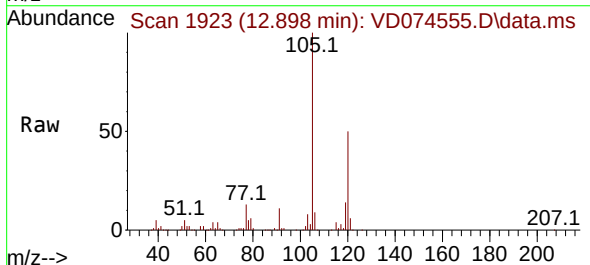
Manual Integrations
APPROVED

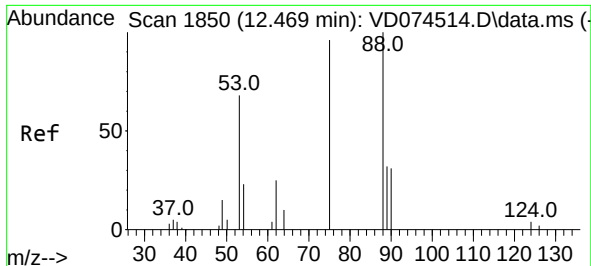
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.424 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

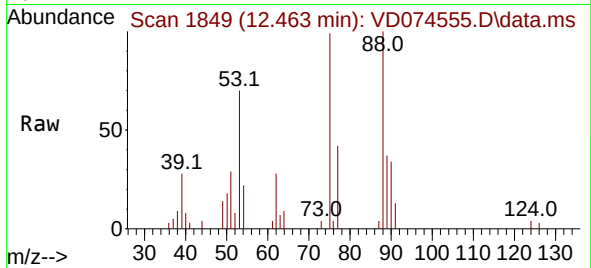
Tgt Ion:105 Resp: 182106
Ion Ratio Lower Upper
105 100
120 50.4 25.7 77.0





#81
trans-1,4-Dichloro-2-butene
Concen: 53.708 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

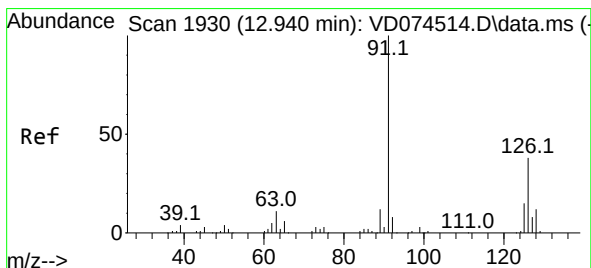
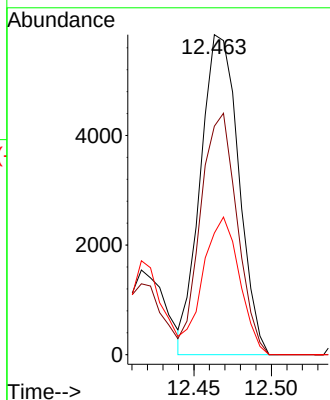
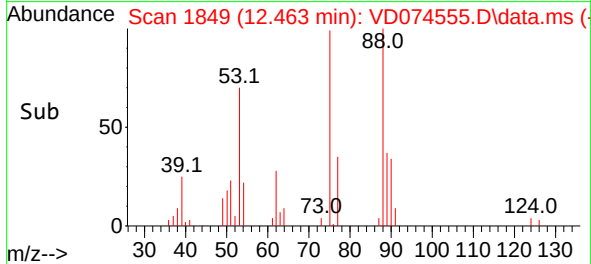
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



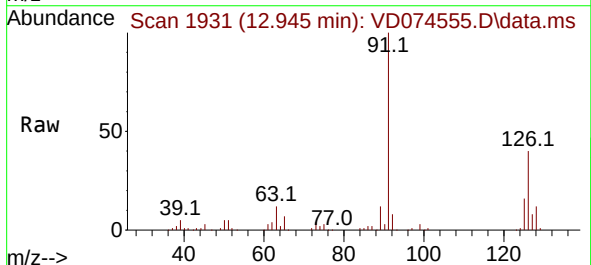
Tgt Ion: 75 Resp: 999
Ion Ratio Lower Upper
75 100
53 72.0 63.8 95.6
89 41.4 38.2 57.4

Manual Integrations
APPROVED

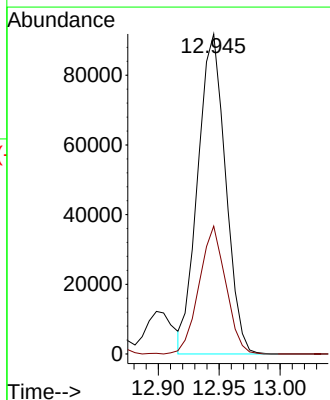
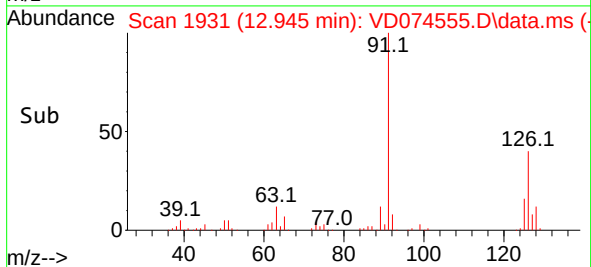
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

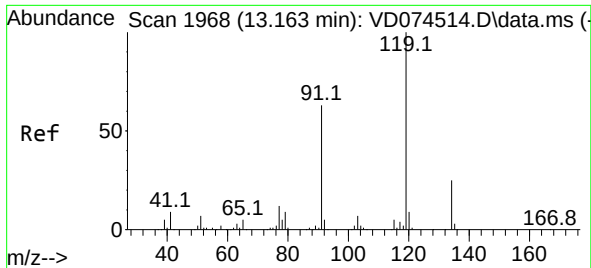


#82
4-Chlorotoluene
Concen: 50.240 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.005 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07



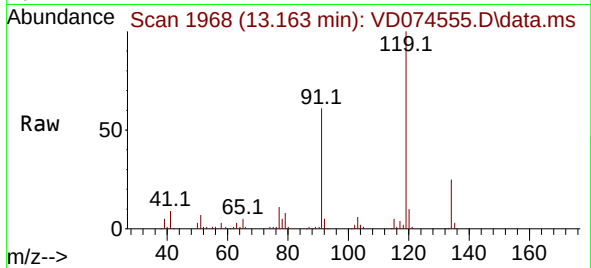
Tgt Ion: 91 Resp: 145502
Ion Ratio Lower Upper
91 100
126 38.4 18.8 56.4





#83
tert-Butylbenzene
Concen: 50.408 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

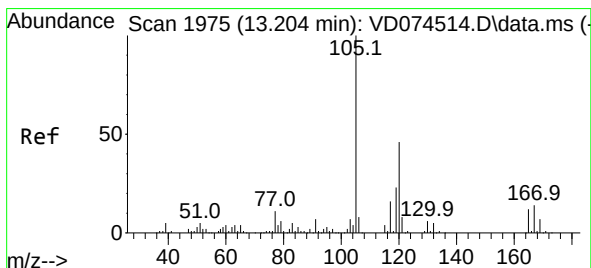
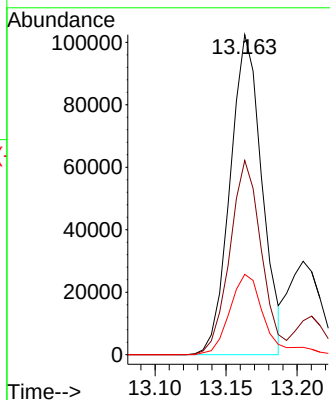
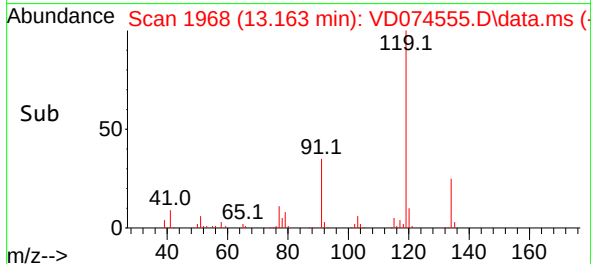
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



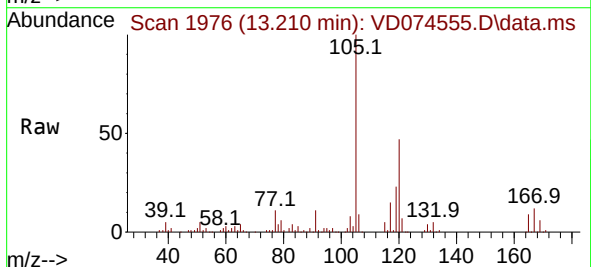
Tgt Ion:119 Resp: 159400
Ion Ratio Lower Upper
119 100
91 60.5 30.0 90.0
134 27.5 13.4 40.1

Manual Integrations
APPROVED

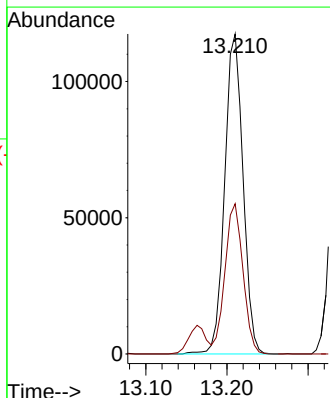
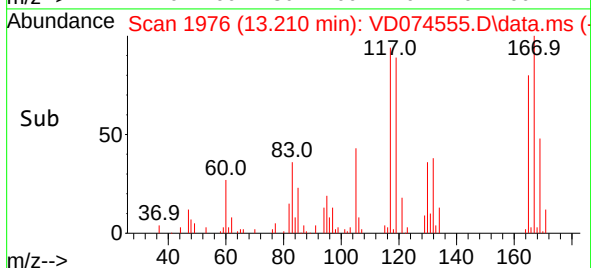
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

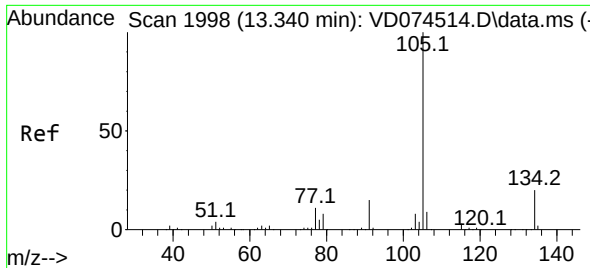


#84
1,2,4-Trimethylbenzene
Concen: 51.432 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07



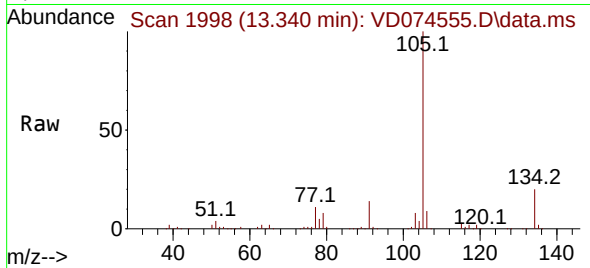
Tgt Ion:105 Resp: 184003
Ion Ratio Lower Upper
105 100
120 46.3 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 49.703 ug/l
 RT: 13.340 min Scan# 1998
 Delta R.T. 0.001 min
 Lab File: VD074555.D
 Acq: 17 Oct 2022 20:07

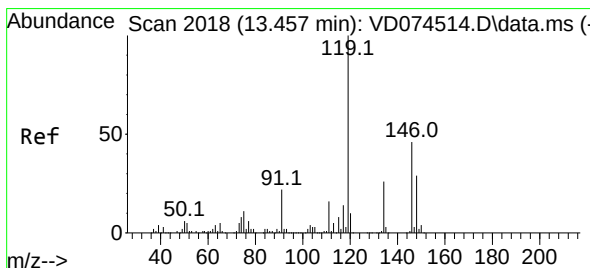
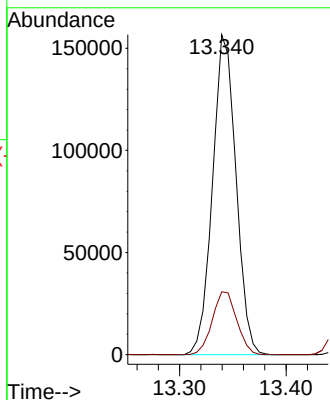
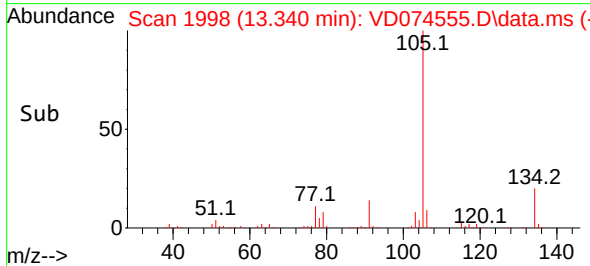
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



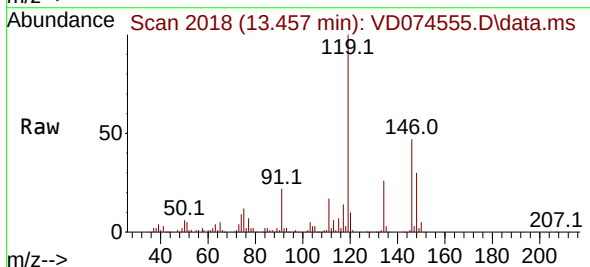
Tgt Ion:105 Resp: 23950
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.0 30.0

Manual Integrations
 APPROVED

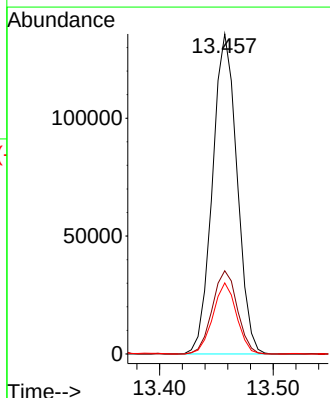
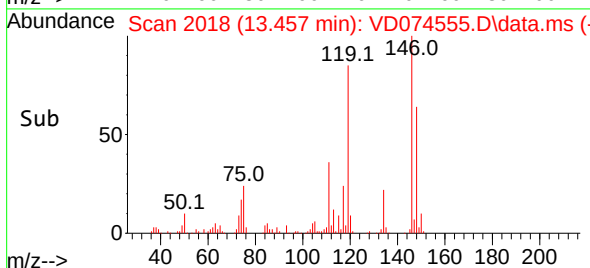
Reviewed By :Krupa Patel 10/18/2022
 Supervised By :Mahesh Dadoda 10/19/2022

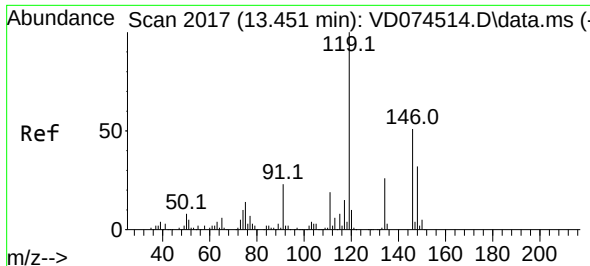


#86
 p-Isopropyltoluene
 Concen: 51.018 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD074555.D
 Acq: 17 Oct 2022 20:07



Tgt Ion:119 Resp: 204123
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.5 40.4
 91 21.4 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 51.057 ug/l

RT: 13.457 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VD074555.D

Acq: 17 Oct 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 105160

Ion Ratio Lower Upper

146 100

111 36.4 18.3 54.8

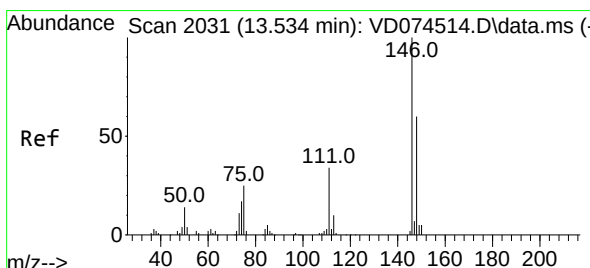
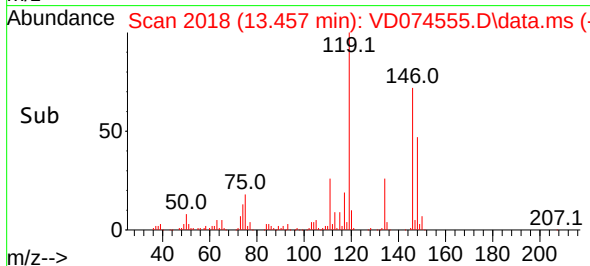
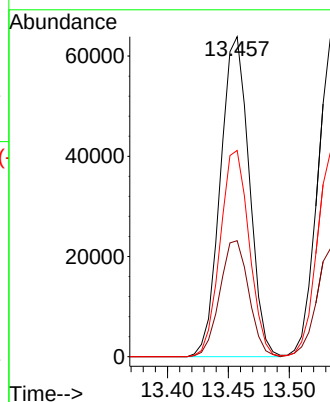
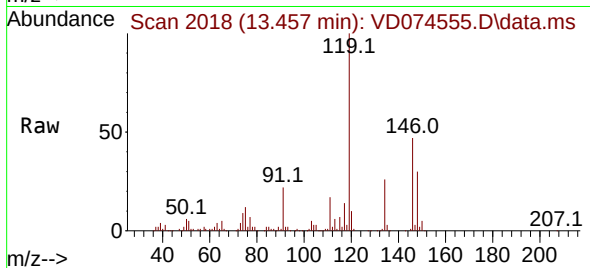
148 64.8 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#88

1,4-Dichlorobenzene

Concen: 50.150 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD074555.D

Acq: 17 Oct 2022 20:07

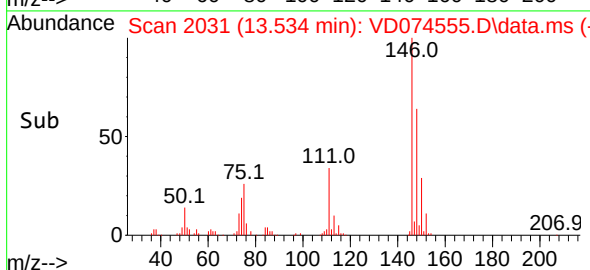
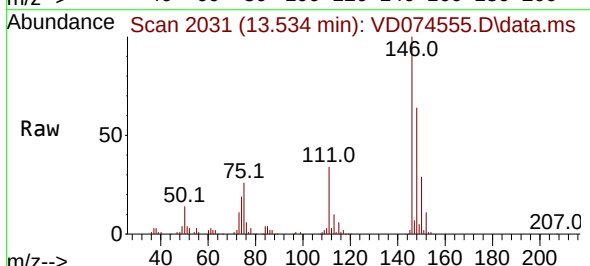
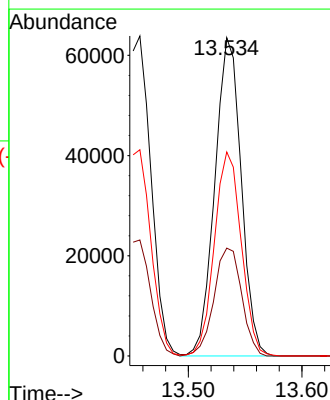
Tgt Ion:146 Resp: 102505

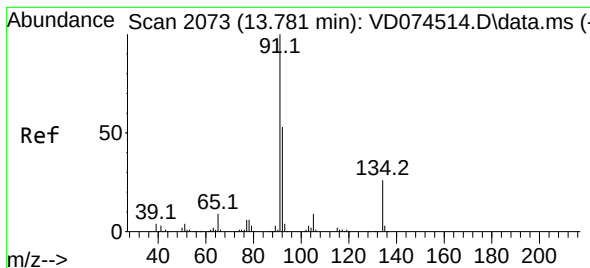
Ion Ratio Lower Upper

146 100

111 35.7 17.7 53.1

148 65.4 32.3 96.9





#89

n-Butylbenzene

Concen: 49.344 ug/l

RT: 13.787 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VD074555.D

Acq: 17 Oct 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

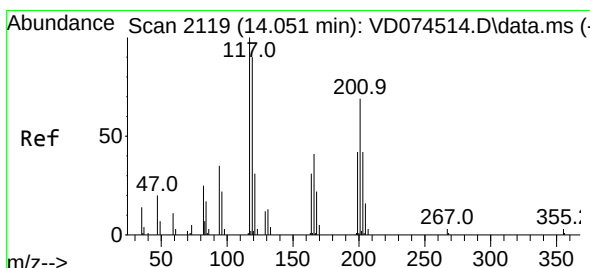
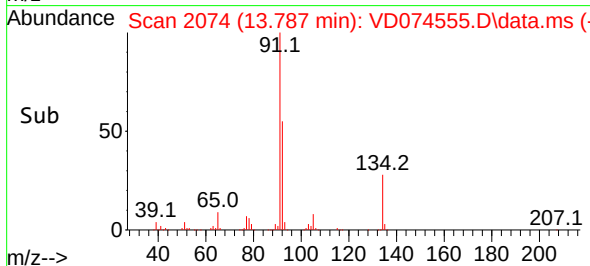
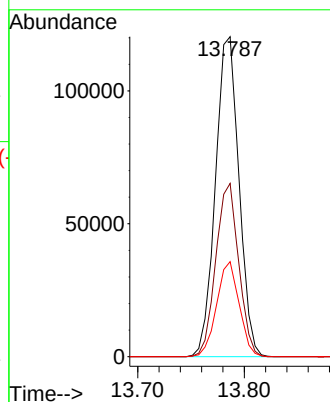
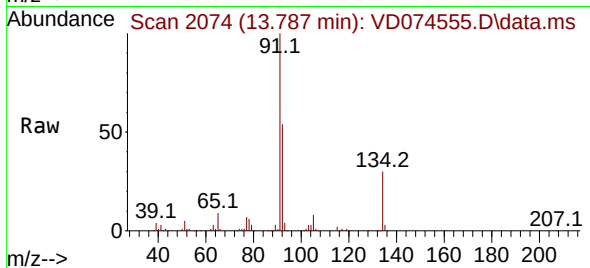
Tgt Ion: 91 Resp: 184420
 Ion Ratio Lower Upper
 91 100
 92 52.6 26.9 80.7
 134 28.5 13.4 40.2

Manual Integrations

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Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#90

Hexachloroethane

Concen: 50.127 ug/l

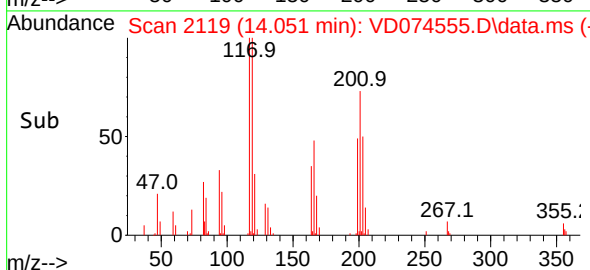
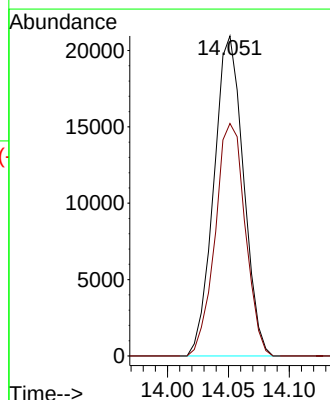
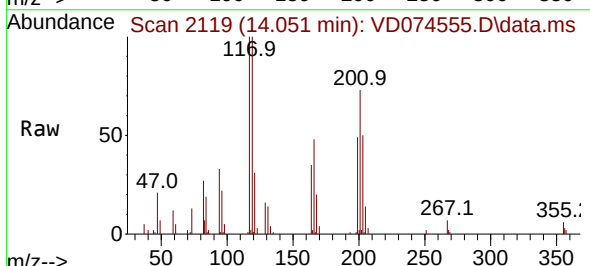
RT: 14.051 min Scan# 2119

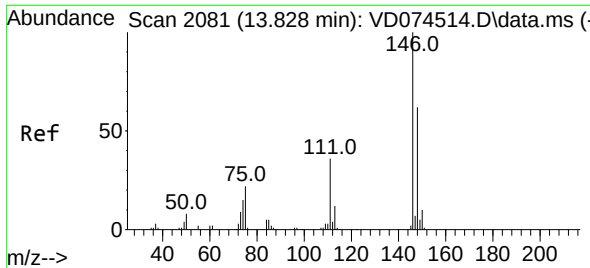
Delta R.T. 0.006 min

Lab File: VD074555.D

Acq: 17 Oct 2022 20:07

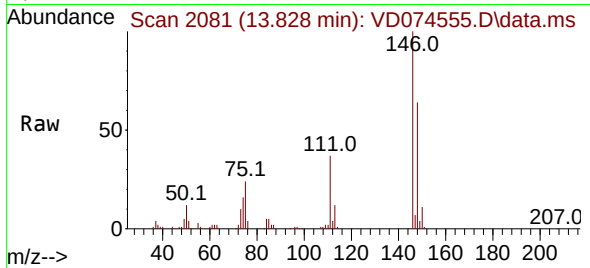
Tgt Ion:117 Resp: 35410
 Ion Ratio Lower Upper
 117 100
 201 73.7 38.0 114.0





#91
1,2-Dichlorobenzene
Concen: 51.794 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

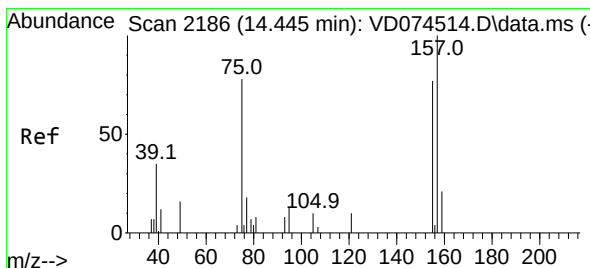
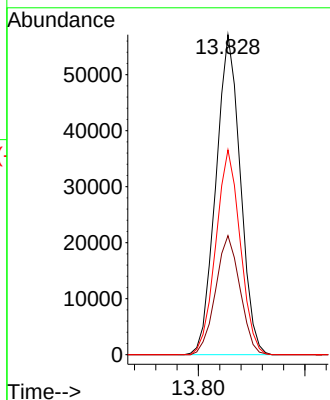
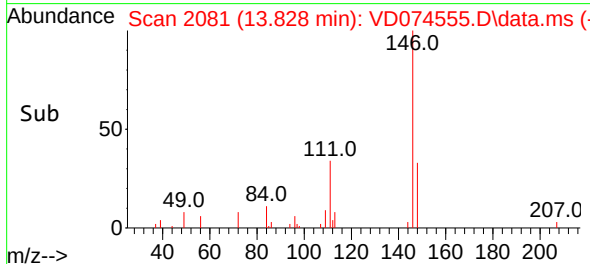
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



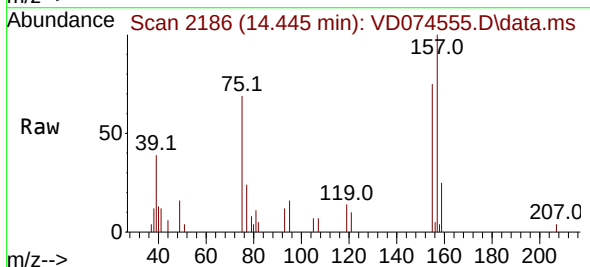
Tgt Ion:146 Resp: 91000
Ion Ratio Lower Upper
146 100
111 37.1 18.9 56.5
148 63.9 31.9 95.5

Manual Integrations
APPROVED

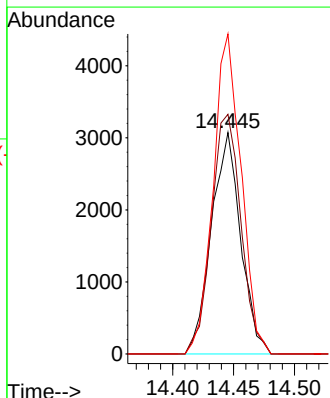
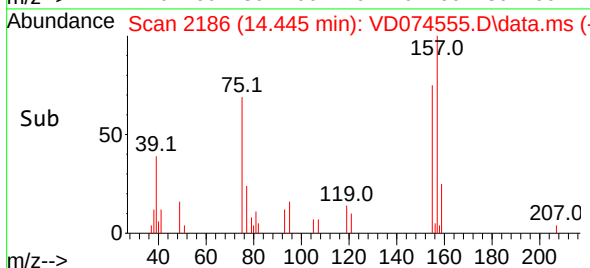
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

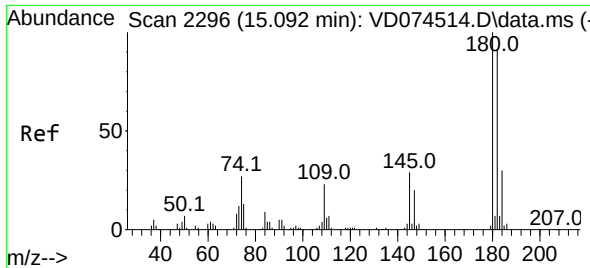


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.594 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07



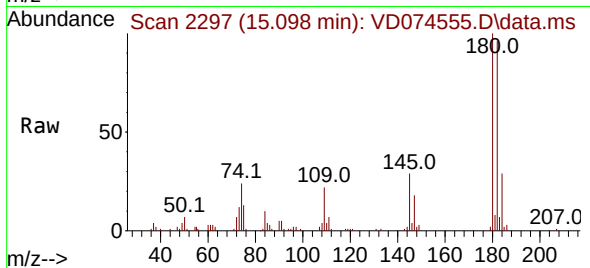
Tgt Ion: 75 Resp: 5150
Ion Ratio Lower Upper
75 100
155 109.5 51.2 153.8
157 137.7 68.2 204.5





#93
1,2,4-Trichlorobenzene
Concen: 51.690 ug/l
RT: 15.098 min Scan# 2296
Delta R.T. 0.006 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

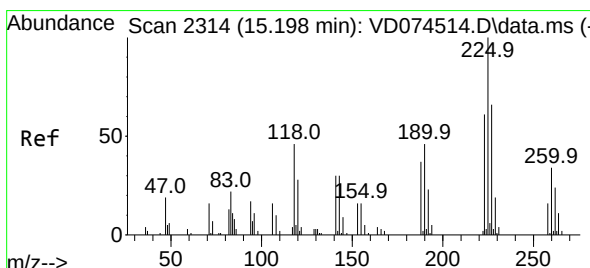
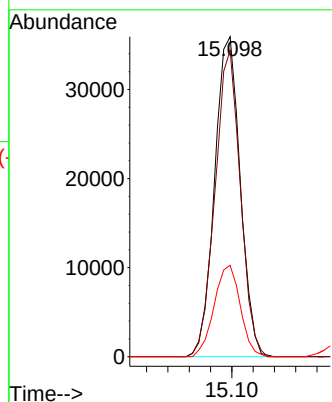
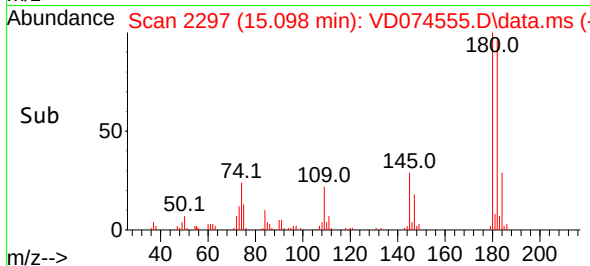
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 5988
Ion Ratio Lower Upper
180 100
182 94.2 46.9 140.6
145 29.1 14.1 42.3

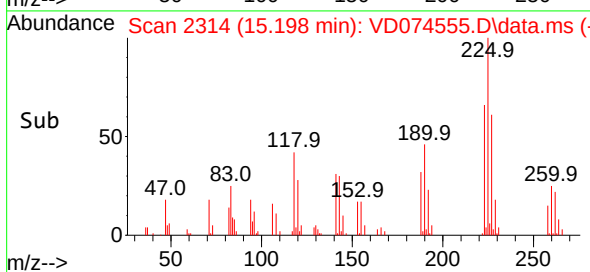
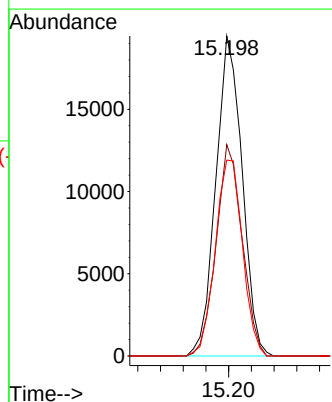
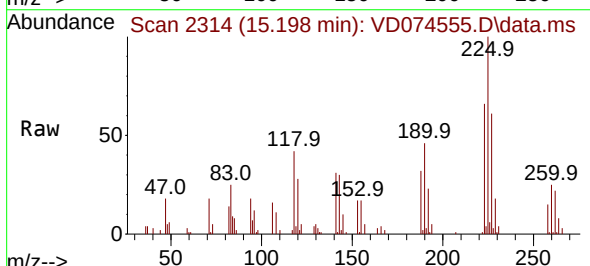
Manual Integrations
APPROVED

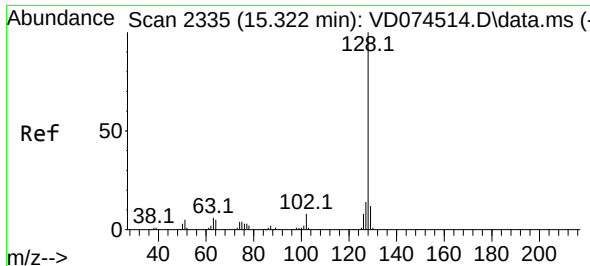
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#94
Hexachlorobutadiene
Concen: 51.961 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. 0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

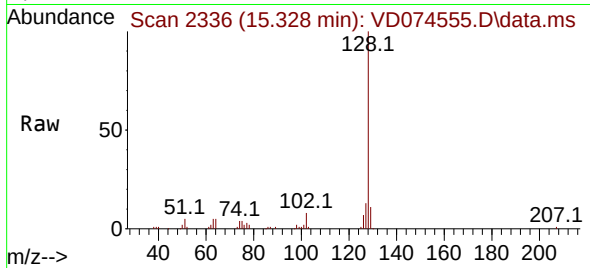
Tgt Ion:225 Resp: 31299
Ion Ratio Lower Upper
225 100
223 65.3 31.9 95.5
227 63.5 32.6 97.8





#95
Naphthalene
Concen: 54.725 ug/l
RT: 15.328 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07

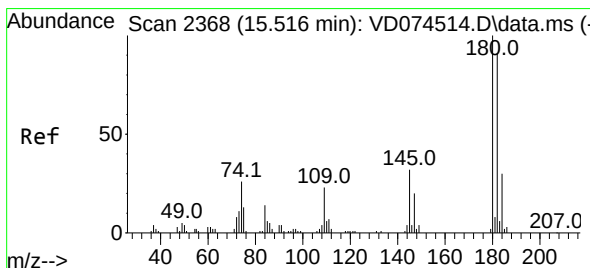
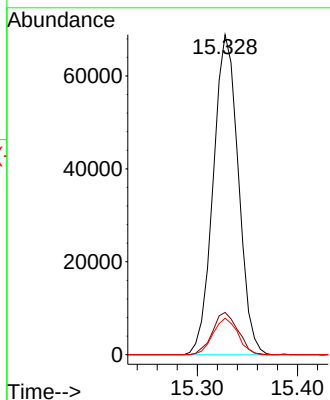
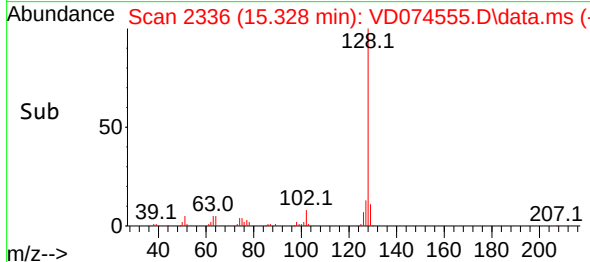
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



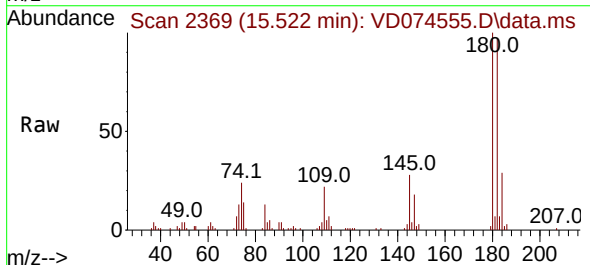
Tgt Ion:128 Resp: 119734
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 11.2 8.3 12.5

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#96
1,2,3-Trichlorobenzene
Concen: 54.453 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD074555.D
Acq: 17 Oct 2022 20:07



Tgt Ion:180 Resp: 53852
Ion Ratio Lower Upper
180 100
182 95.6 46.7 140.1
145 29.0 14.9 44.7

