

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072022\
 Data File : VD073881.D
 Acq On : 20 Jul 2022 16:02
 Operator : VA/SY
 Sample : VD0720SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0720SBS02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022

Quant Time: Jul 21 01:10:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 20 15:29:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	121467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	217385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	200272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	99976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	89259	61.539	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.080%			
35) Dibromofluoromethane	7.903	113	87093	56.790	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.580%			
50) Toluene-d8	10.326	98	307049	55.152	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.300%			
62) 4-Bromofluorobenzene	12.614	95	109227	57.062	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.120%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	23767	20.197	ug/l	98
3) Chloromethane	2.209	50	48981	24.328	ug/l	93
4) Vinyl Chloride	2.344	62	59828	21.371	ug/l	97
5) Bromomethane	2.744	94	34915	18.451	ug/l	94
6) Chloroethane	2.903	64	40655	21.545	ug/l	96
7) Trichlorofluoromethane	3.256	101	63152	25.226	ug/l	96
8) Diethyl Ether	3.709	74	15280	24.882	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.073	101	29142	20.979	ug/l	97
10) Methyl Iodide	4.291	142	32342	23.636	ug/l	99
11) Tert butyl alcohol	5.232	59	10819	118.178	ug/l #	88
12) 1,1-Dichloroethene	4.056	96	29481	23.884	ug/l	81
13) Acrolein	3.915	56	6885	102.260	ug/l	96
14) Allyl chloride	4.703	41	38009	21.096	ug/l #	85
15) Acrylonitrile	5.403	53	32039	127.831	ug/l	98
16) Acetone	4.162	43	31266	131.367	ug/l	98
17) Carbon Disulfide	4.403	76	82599	20.942	ug/l	100
18) Methyl Acetate	4.715	43	17949	30.679	ug/l #	88
19) Methyl tert-butyl Ether	5.473	73	72378	24.479	ug/l	98
20) Methylene Chloride	4.950	84	53344	26.157	ug/l	85
21) trans-1,2-Dichloroethene	5.462	96	33403	22.891	ug/l	85
22) Diisopropyl ether	6.356	45	88122	22.984	ug/l #	93
23) Vinyl Acetate	6.303	43	245483	117.298	ug/l #	95
24) 1,1-Dichloroethane	6.256	63	56805	22.431	ug/l	98
25) 2-Butanone	7.208	43	43364	128.367	ug/l #	88
26) 2,2-Dichloropropane	7.203	77	51291	22.807	ug/l	97
27) cis-1,2-Dichloroethene	7.197	96	38509	23.441	ug/l	89
28) Bromochloromethane	7.538	49	20849	21.943	ug/l #	75
29) Tetrahydrofuran	7.556	42	25872	126.304	ug/l #	83
30) Chloroform	7.697	83	65967	23.665	ug/l	99
31) Cyclohexane	7.973	56	45800	19.872	ug/l #	92
32) 1,1,1-Trichloroethane	7.891	97	58663	22.621	ug/l	95
36) 1,1-Dichloropropene	8.108	75	45310	20.480	ug/l	97
37) Ethyl Acetate	7.285	43	21077	26.494	ug/l	97
38) Carbon Tetrachloride	8.091	117	45796	18.125	ug/l	98
39) Methylcyclohexane	9.344	83	49037	19.014	ug/l	94
40) Benzene	8.344	78	128693	21.380	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	8239	16.666	ug/l #	67
42) 1,2-Dichloroethane	8.420	62	42312	22.968	ug/l	100
43) Isopropyl Acetate	8.444	43	37312	23.470	ug/l #	88
44) Trichloroethene	9.102	130	37847	22.529	ug/l	90
45) 1,2-Dichloropropane	9.379	63	31620	21.733	ug/l	89
46) Dibromomethane	9.461	93	21687	24.574	ug/l	95
47) Bromodichloromethane	9.650	83	49897	21.837	ug/l #	92
48) Methyl methacrylate	9.450	41	15772	20.235	ug/l #	71
49) 1,4-Dioxane	9.455	88	4155	449.974	ug/l	96
51) 4-Methyl-2-Pentanone	10.214	43	96417	121.311	ug/l	97
52) Toluene	10.391	92	84550	20.871	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	45197	22.406	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	51082	21.886	ug/l	94
55) 1,1,2-Trichloroethane	10.791	97	26228	23.364	ug/l	95
56) Ethyl methacrylate	10.649	69	30067	23.135	ug/l	90
57) 1,3-Dichloropropane	10.932	76	44328	23.219	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	54738	78.767	ug/l	93
59) 2-Hexanone	10.973	43	66668	122.759	ug/l	97
60) Dibromochloromethane	11.126	129	35021	23.029	ug/l	97
61) 1,2-Dibromoethane	11.232	107	26171	23.042	ug/l	97
64) Tetrachloroethene	10.867	164	32539	24.361	ug/l	97
65) Chlorobenzene	11.655	112	91815	22.259	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	34912	22.272	ug/l	100
67) Ethyl Benzene	11.732	91	161163	21.162	ug/l	97
68) m/p-Xylenes	11.838	106	126406	42.465	ug/l	98
69) o-Xylene	12.167	106	60819	21.823	ug/l	95
70) Styrene	12.179	104	104117	21.853	ug/l	98
71) Bromoform	12.349	173	19321	22.779	ug/l #	92
73) Isopropylbenzene	12.467	105	153908	20.325	ug/l	98
74) N-amyl acetate	12.273	43	34458	23.070	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	32145	24.561	ug/l	93
76) 1,2,3-Trichloropropane	12.767	75	23112m	21.546	ug/l	
77) Bromobenzene	12.743	156	36926	21.942	ug/l	92
78) n-propylbenzene	12.808	91	189387	20.502	ug/l	99
79) 2-Chlorotoluene	12.891	91	111647	21.545	ug/l	96
80) 1,3,5-Trimethylbenzene	12.943	105	135513	21.230	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	8791	22.114	ug/l	92
82) 4-Chlorotoluene	12.991	91	118489	21.621	ug/l	98
83) tert-Butylbenzene	13.208	119	113851	20.862	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	137605	21.644	ug/l	99
85) sec-Butylbenzene	13.385	105	169192	20.560	ug/l	97
86) p-Isopropyltoluene	13.496	119	142397	20.550	ug/l	98
87) 1,3-Dichlorobenzene	13.496	146	77576	22.013	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	78510	22.538	ug/l	99
89) n-Butylbenzene	13.826	91	134041	20.374	ug/l	100
90) Hexachloroethane	14.096	117	23632	17.259	ug/l	92
91) 1,2-Dichlorobenzene	13.873	146	68017	22.339	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	5410	24.616	ug/l	92
93) 1,2,4-Trichlorobenzene	15.137	180	40301	21.681	ug/l	99
94) Hexachlorobutadiene	15.243	225	20188	20.494	ug/l	98
95) Naphthalene	15.373	128	80178	23.998	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	36385	23.023	ug/l	99

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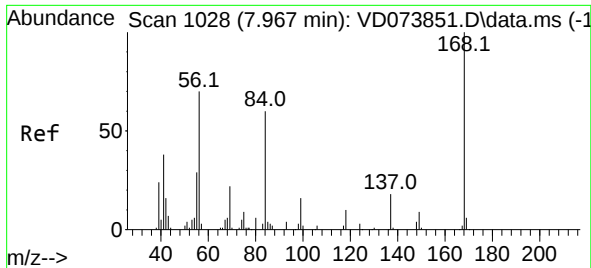
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

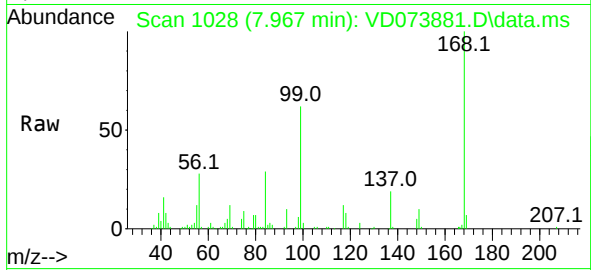
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

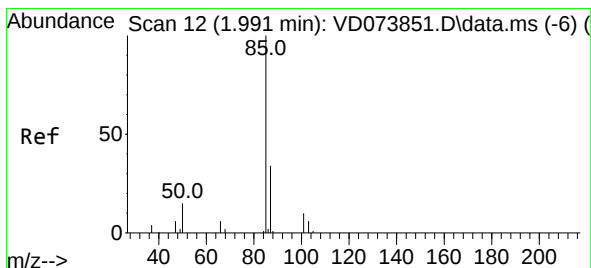
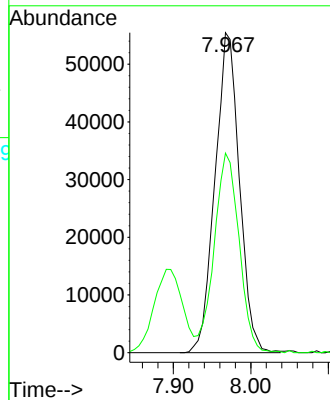
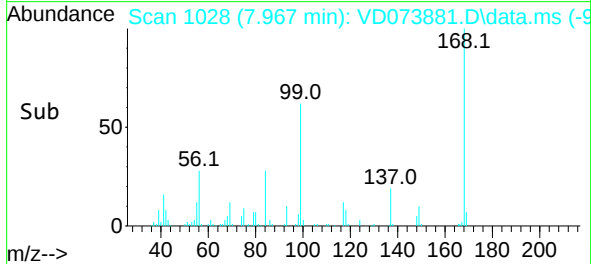
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBSD02



Tgt Ion:168 Resp: 12146
Ion Ratio Lower Upper
168 100
99 62.1 49.8 74.6

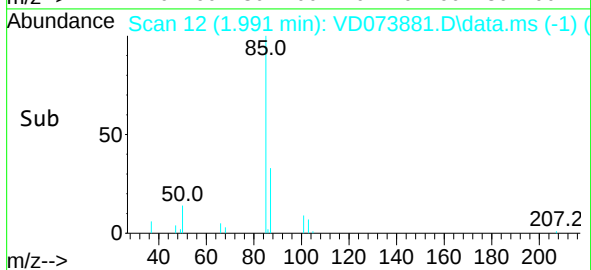
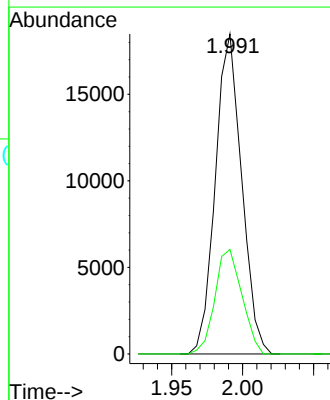
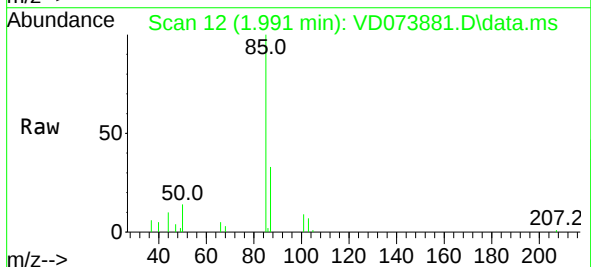
Manual Integrations
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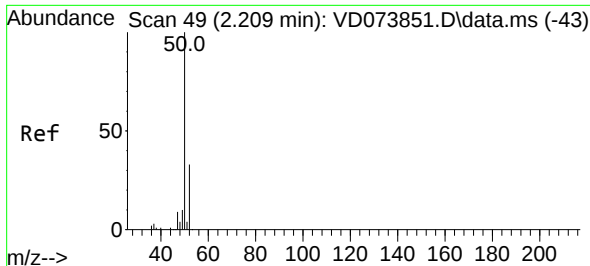
Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#2
Dichlorodifluoromethane
Concen: 20.197 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

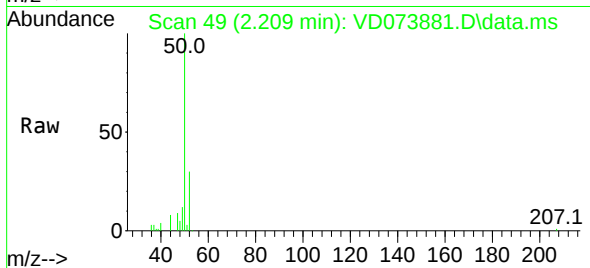
Tgt Ion: 85 Resp: 23767
Ion Ratio Lower Upper
85 100
87 32.6 15.7 47.0





#3
Chloromethane
Concen: 24.328 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

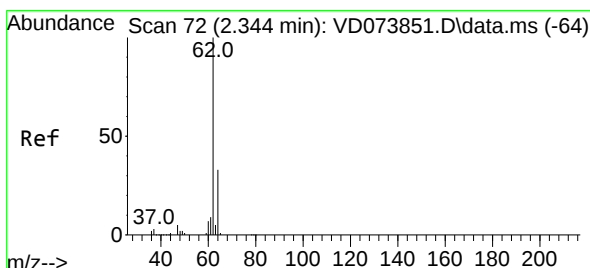
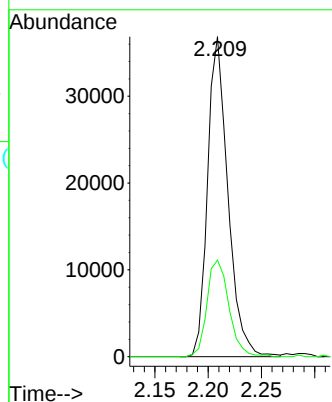
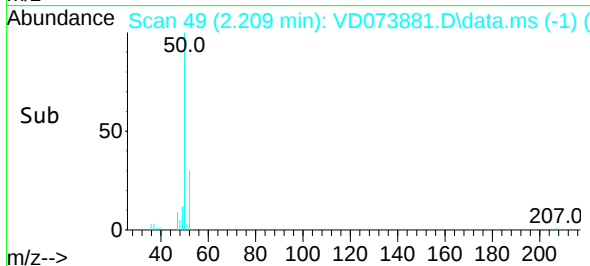
Instrument :
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ClientSampleId :
VD0720SBSD02



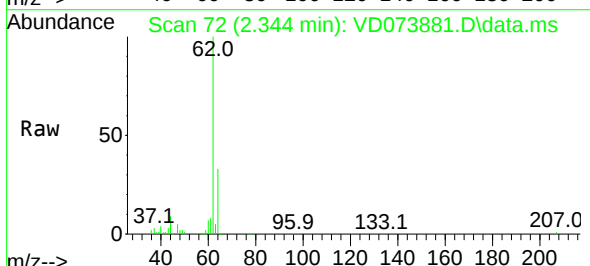
Tgt Ion: 50 Resp: 4898
Ion Ratio Lower Upper
50 100
52 30.2 27.4 41.0

Manual Integrations
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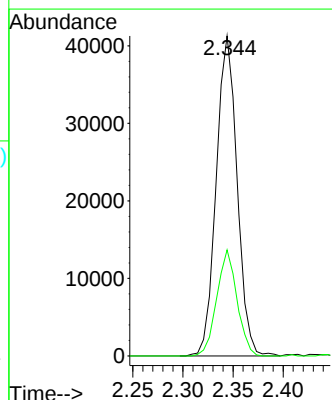
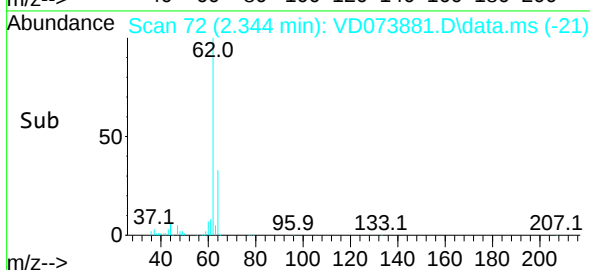
Reviewed By :Krupa Patel 07/21/2022
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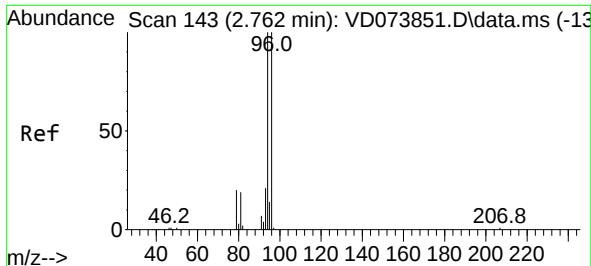


#4
Vinyl Chloride
Concen: 21.371 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02



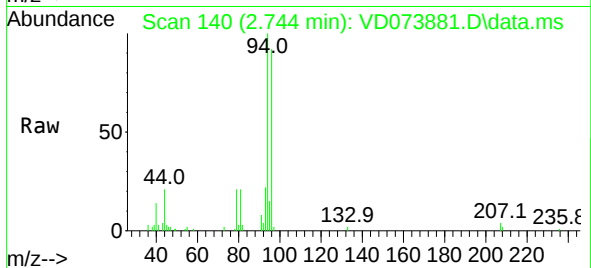
Tgt Ion: 62 Resp: 59828
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.0





#5
Bromomethane
Concen: 18.451 ug/l
RT: 2.744 min Scan# 143
Delta R.T. -0.018 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

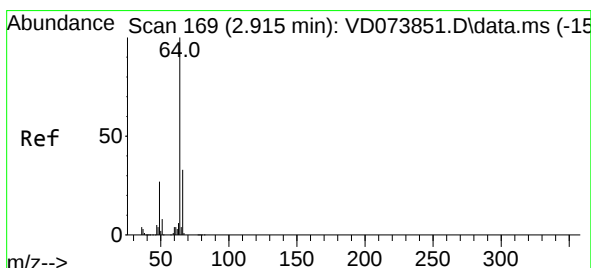
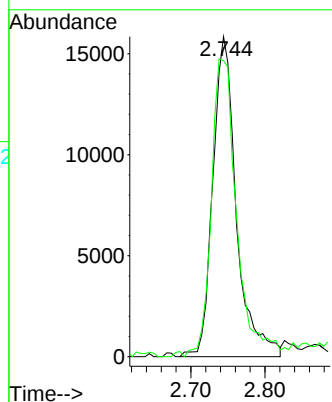
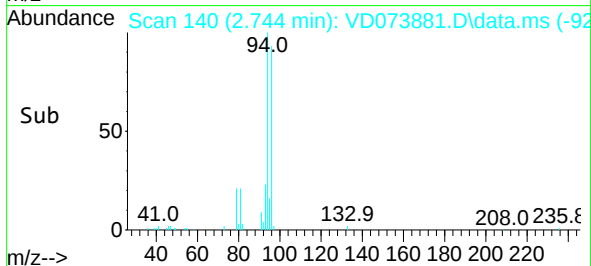
Instrument :
MSVOA_D
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Tgt Ion: 94 Resp: 34915
Ion Ratio Lower Upper
94 100
96 90.9 77.6 116.4

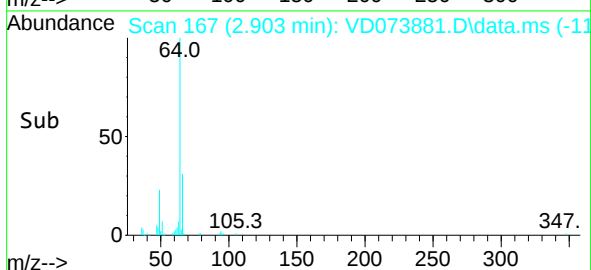
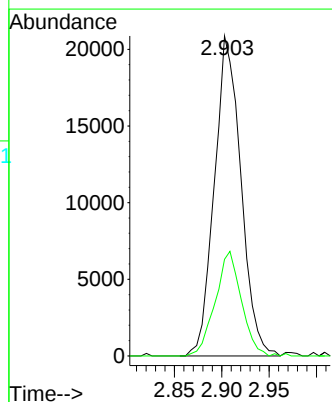
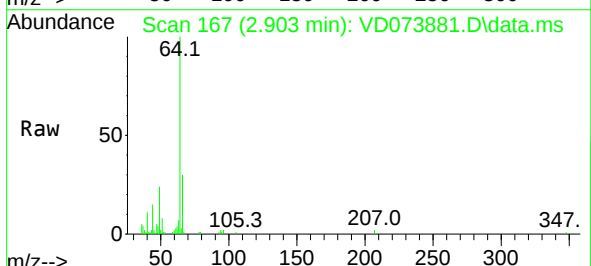
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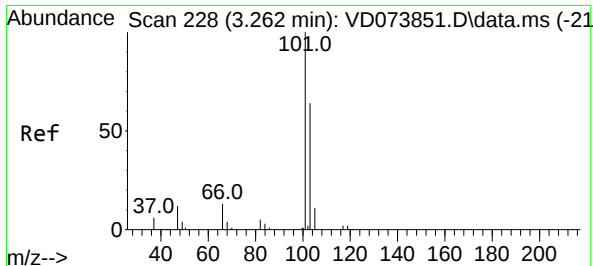
Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#6
Chloroethane
Concen: 21.545 ug/l
RT: 2.903 min Scan# 167
Delta R.T. -0.012 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

Tgt Ion: 64 Resp: 40655
Ion Ratio Lower Upper
64 100
66 30.2 25.9 38.9





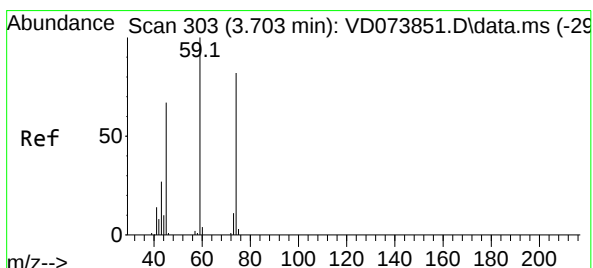
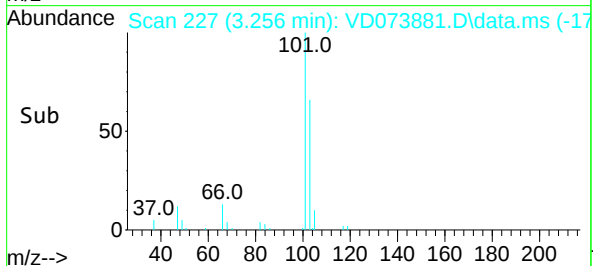
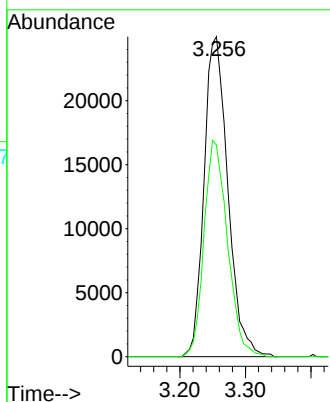
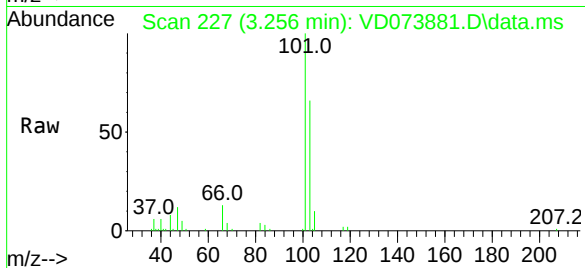
#7
Trichlorofluoromethane
Concen: 25.226 ug/l
RT: 3.256 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

Instrument :
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Tgt Ion:101 Resp: 6315
Ion Ratio Lower Upper
101 100
103 66.0 50.1 75.1

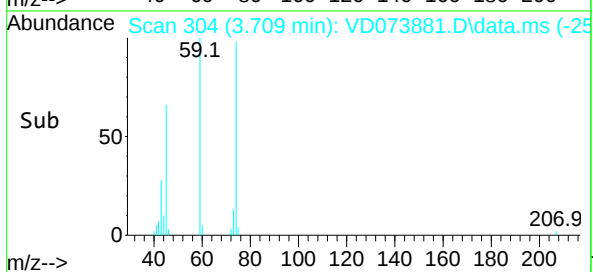
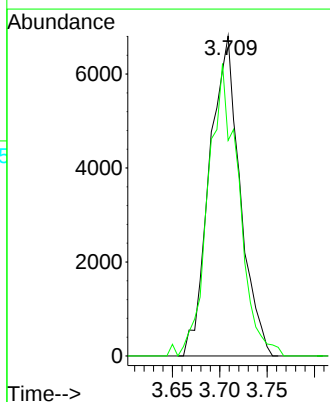
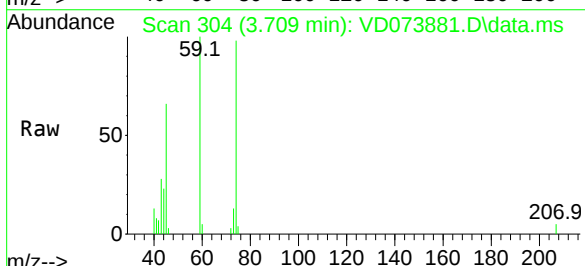
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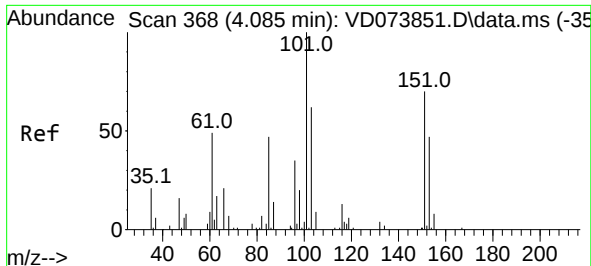
Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#8
Diethyl Ether
Concen: 24.882 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.006 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

Tgt Ion: 74 Resp: 15280
Ion Ratio Lower Upper
74 100
45 91.9 52.6 157.8





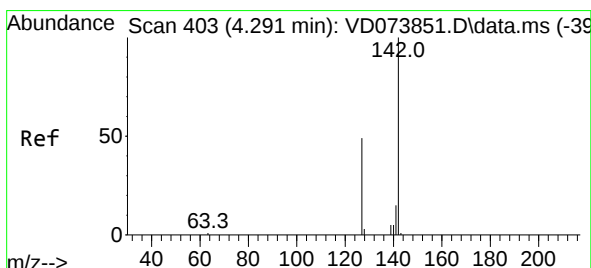
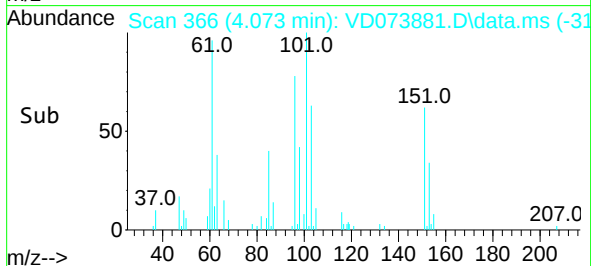
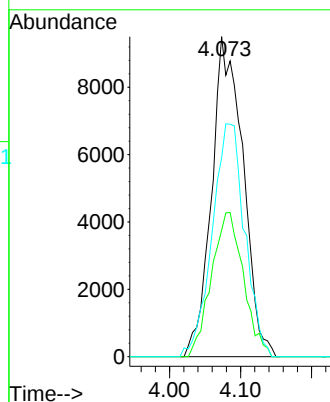
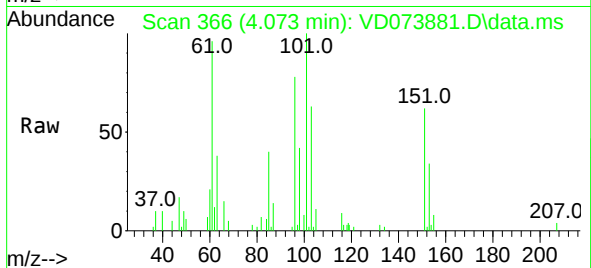
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.979 ug/l
RT: 4.073 min Scan# 366
Delta R.T. -0.012 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

Tgt Ion:101 Resp: 2914
Ion Ratio Lower Upper
101 100
85 46.0 36.4 54.6
151 75.4 57.3 85.9

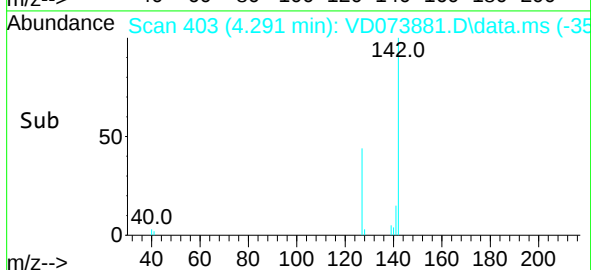
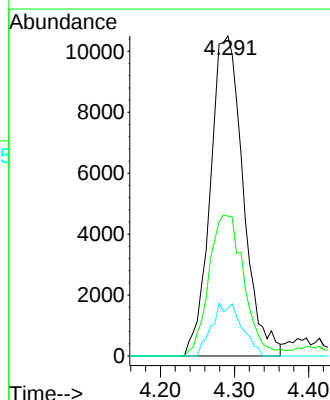
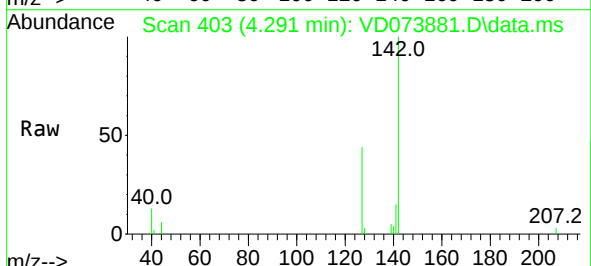
Manual Integrations
APPROVED

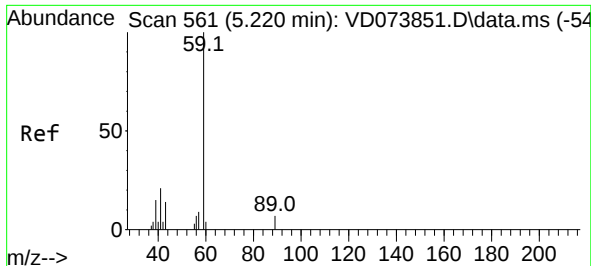
Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#10
Methyl Iodide
Concen: 23.636 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

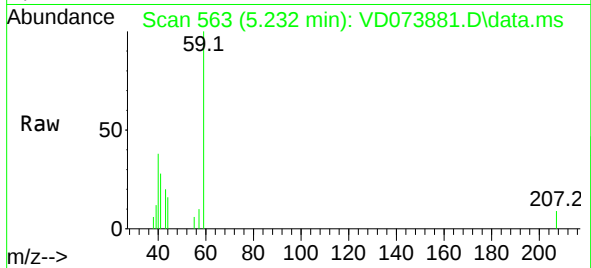
Tgt Ion:142 Resp: 32342
Ion Ratio Lower Upper
142 100
127 47.2 37.3 55.9
141 15.1 11.7 17.5





#11
Tert butyl alcohol
Concen: 118.178 ug/l
RT: 5.232 min Scan# 501
Delta R.T. 0.012 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

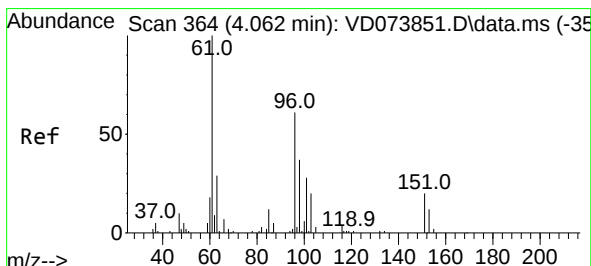
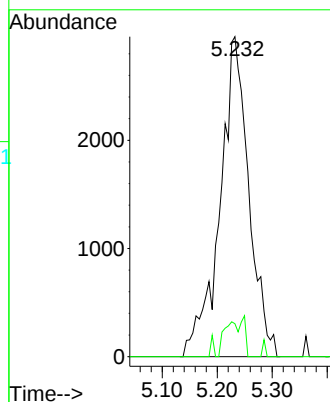
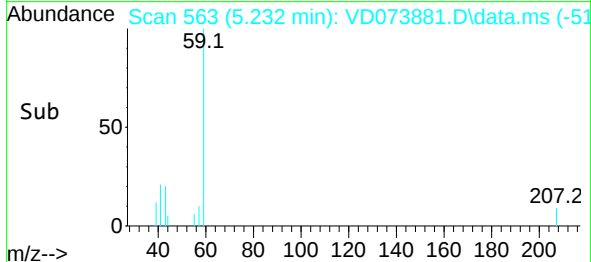
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02



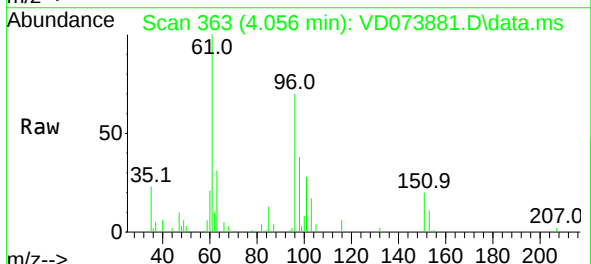
Tgt Ion: 59 Resp: 10819
Ion Ratio Lower Upper
59 100
57 5.3 7.8 11.6

Manual Integrations
APPROVED

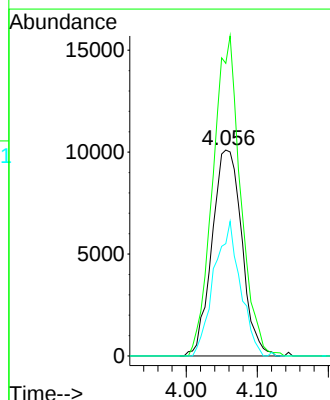
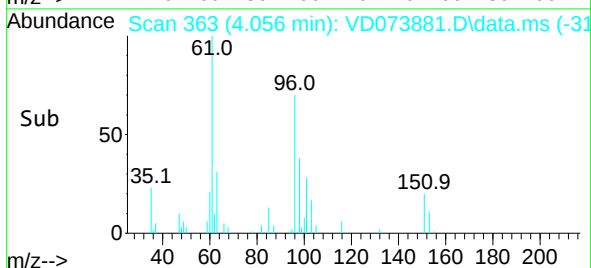
Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

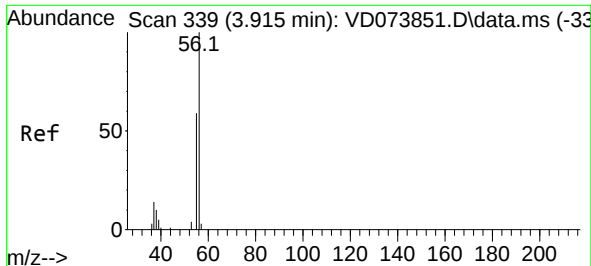


#12
1,1-Dichloroethene
Concen: 23.884 ug/l
RT: 4.056 min Scan# 363
Delta R.T. -0.006 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02



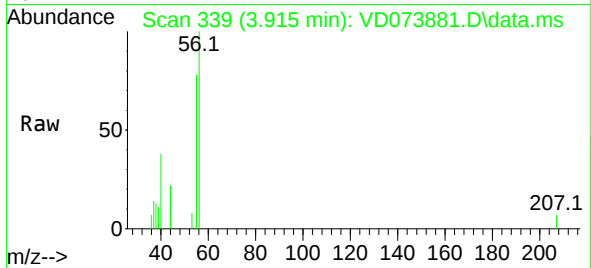
Tgt Ion: 96 Resp: 29481
Ion Ratio Lower Upper
96 100
61 142.1 138.5 207.7
98 54.5 48.6 73.0





#13
Acrolein
Concen: 102.260 ug/l
RT: 3.915 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

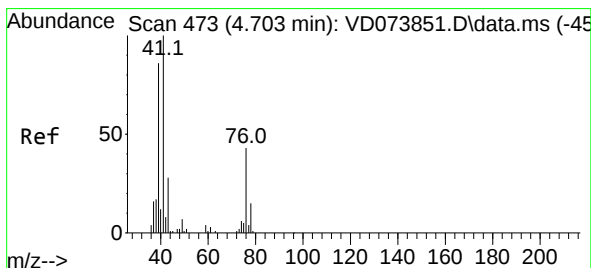
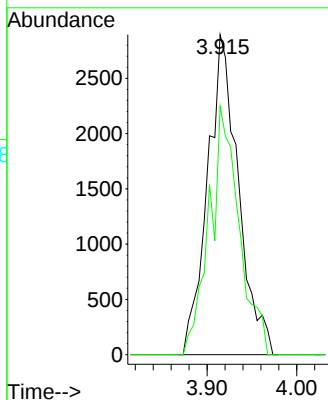
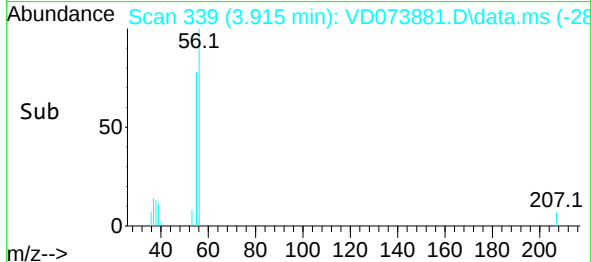
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBSD02



Tgt Ion: 56 Resp: 688
Ion Ratio Lower Upper
56 100
55 75.1 57.1 85.7

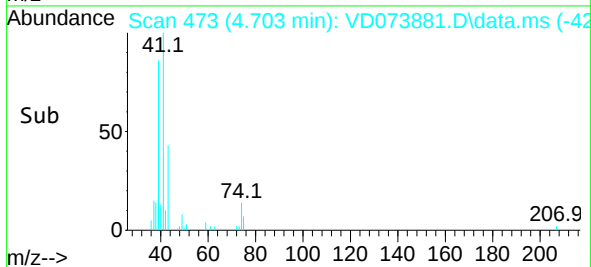
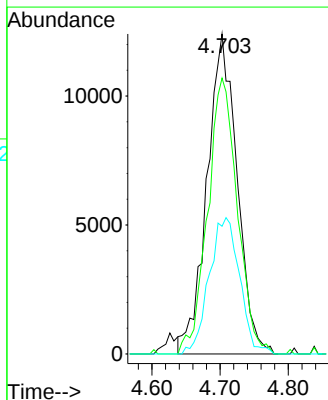
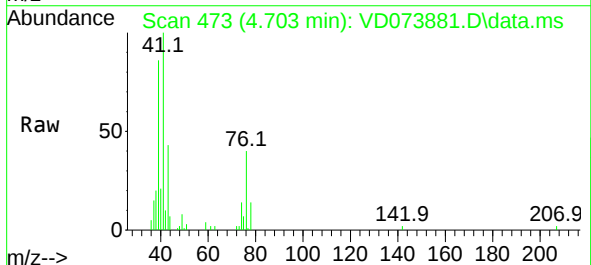
Manual Integrations
APPROVED

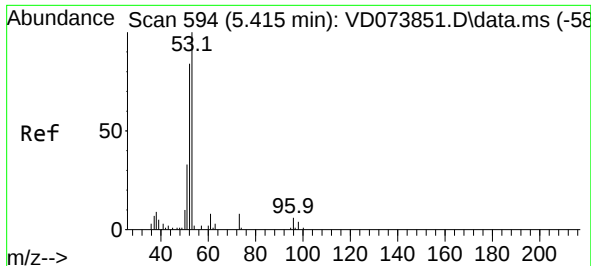
Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#14
Allyl chloride
Concen: 21.096 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

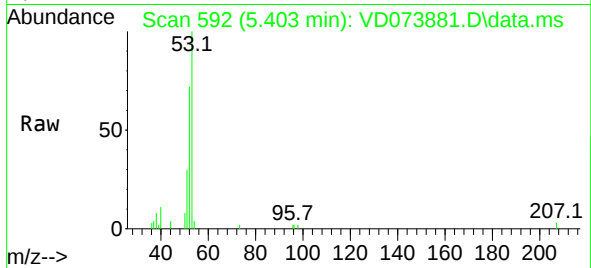
Tgt Ion: 41 Resp: 38009
Ion Ratio Lower Upper
41 100
39 85.3 59.3 88.9
76 43.3 25.7 38.5





#15
Acrylonitrile
Concen: 127.831 ug/l
RT: 5.403 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

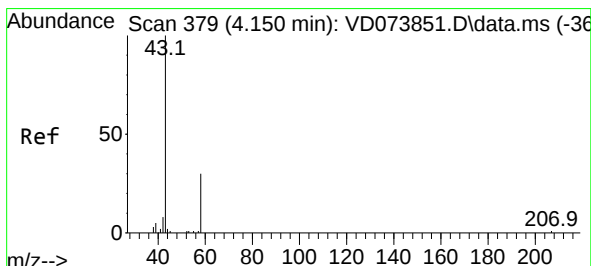
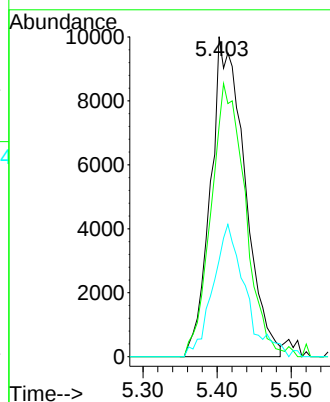
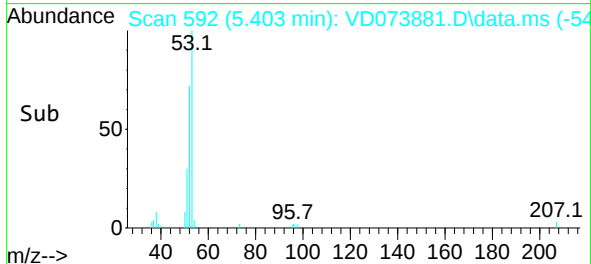
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBSD02



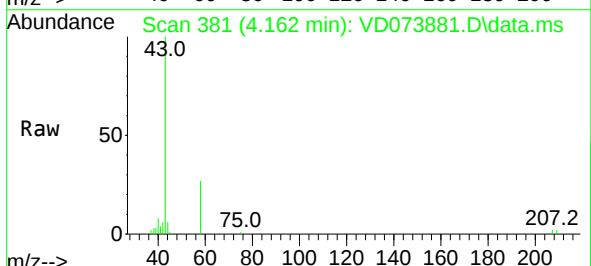
Tgt Ion: 53 Resp: 32039
Ion Ratio Lower Upper
53 100
52 85.3 67.2 100.8
51 39.3 30.3 45.5

Manual Integrations
APPROVED

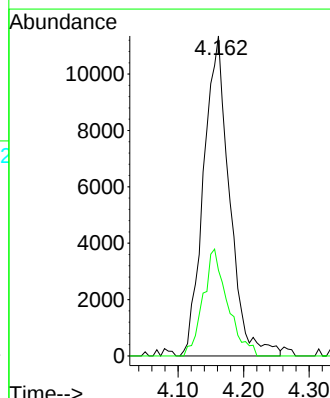
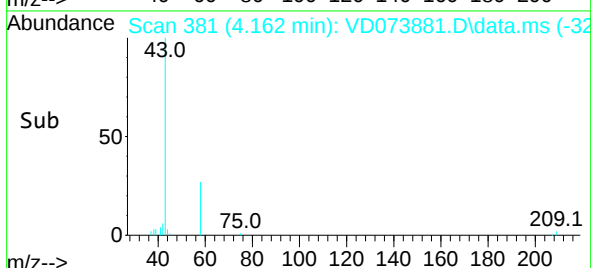
Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

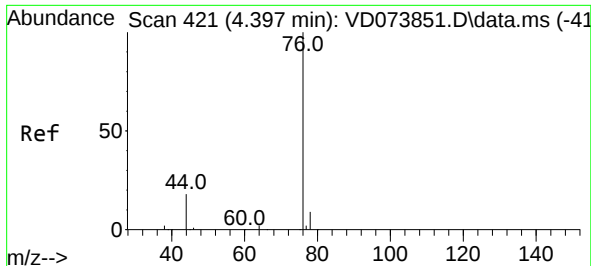


#16
Acetone
Concen: 131.367 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02



Tgt Ion: 43 Resp: 31266
Ion Ratio Lower Upper
43 100
58 26.8 22.1 33.1





#17

Carbon Disulfide

Concen: 20.942 ug/l

RT: 4.403 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD073881.D

Acq: 20 Jul 2022 16:02

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBS02

Tgt Ion: 76 Resp: 8259

Ion Ratio Lower Upper

76 100

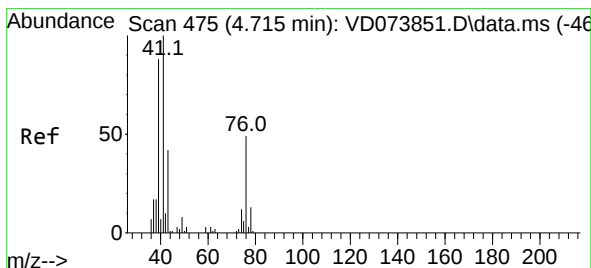
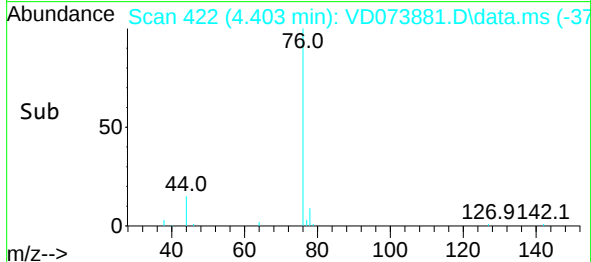
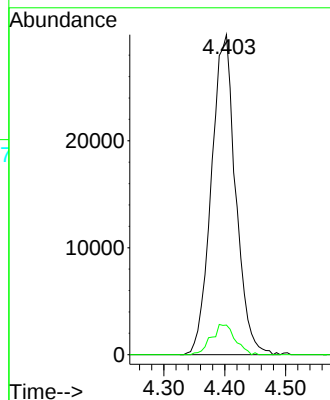
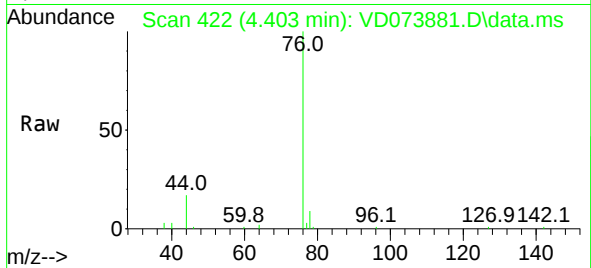
78 9.3 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#18

Methyl Acetate

Concen: 30.679 ug/l

RT: 4.715 min Scan# 475

Delta R.T. -0.000 min

Lab File: VD073881.D

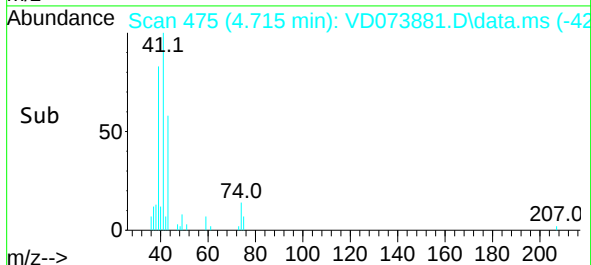
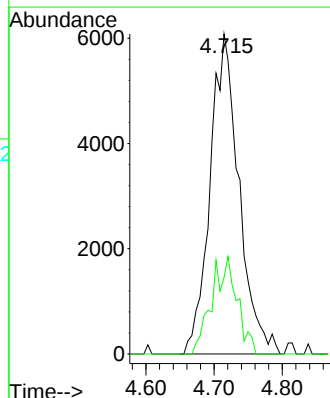
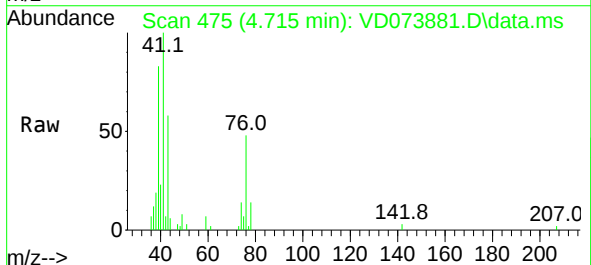
Acq: 20 Jul 2022 16:02

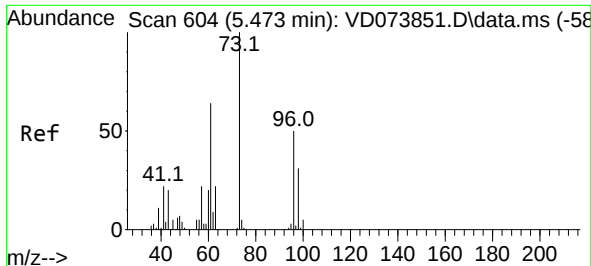
Tgt Ion: 43 Resp: 17949

Ion Ratio Lower Upper

43 100

74 26.6 16.7 25.1#





#19

Methyl tert-butyl Ether

Concen: 24.479 ug/l

RT: 5.473 min Scan# 604

Delta R.T. -0.000 min

Lab File: VD073881.D

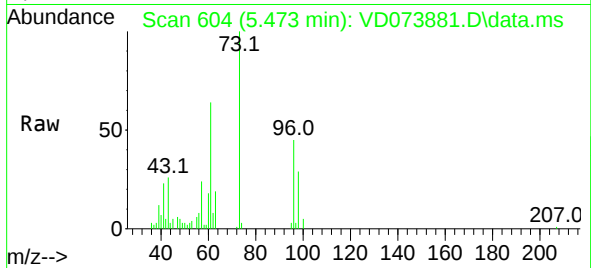
Acq: 20 Jul 2022 16:02

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBS02



Tgt Ion: 73 Resp: 72378

Ion Ratio Lower Upper

73 100

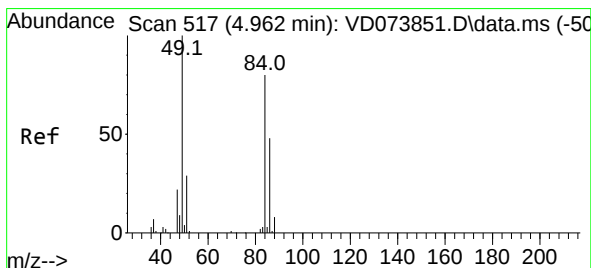
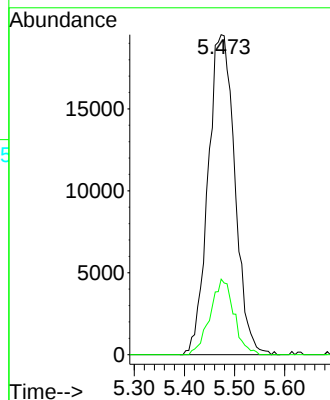
57 23.6 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#20

Methylene Chloride

Concen: 26.157 ug/l

RT: 4.950 min Scan# 515

Delta R.T. -0.012 min

Lab File: VD073881.D

Acq: 20 Jul 2022 16:02

Tgt Ion: 84 Resp: 53344

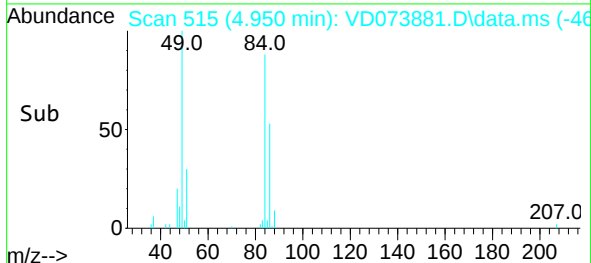
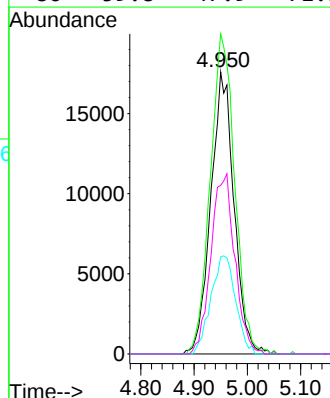
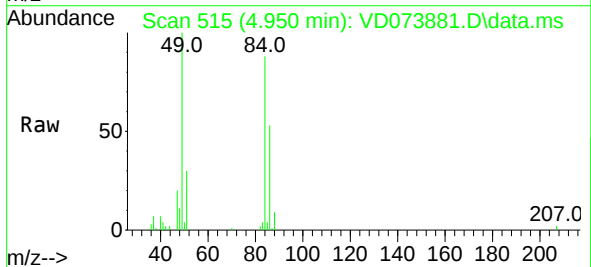
Ion Ratio Lower Upper

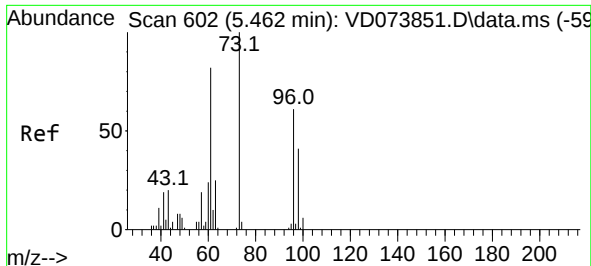
84 100

49 113.5 112.8 169.2

51 34.5 32.6 48.8

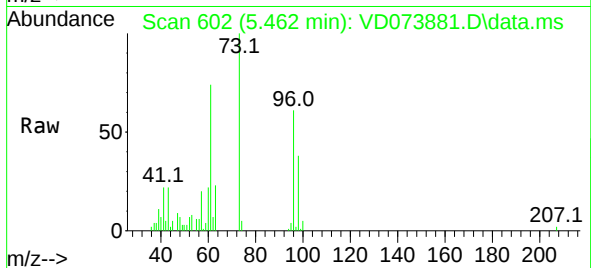
86 59.8 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 22.891 ug/l
RT: 5.462 min Scan# 602
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

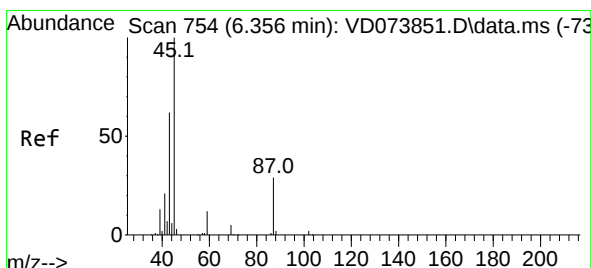
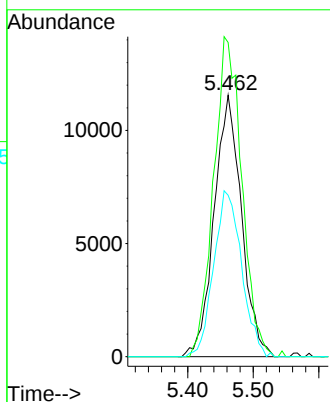
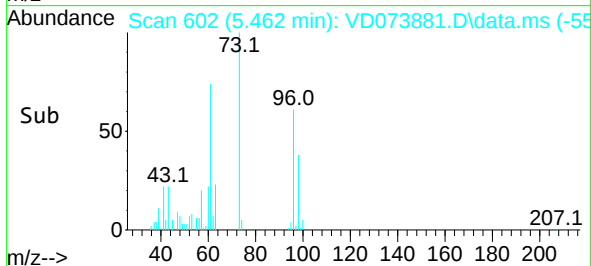
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02



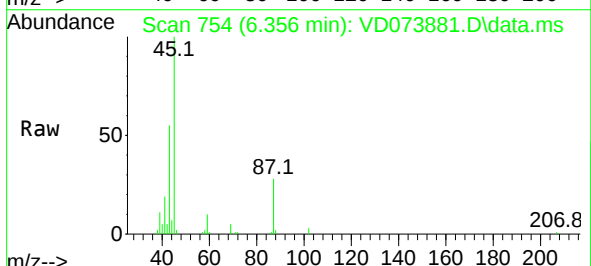
Tgt Ion: 96 Resp: 3340
Ion Ratio Lower Upper
96 100
61 120.2 117.9 176.9
98 61.7 49.4 74.2

Manual Integrations
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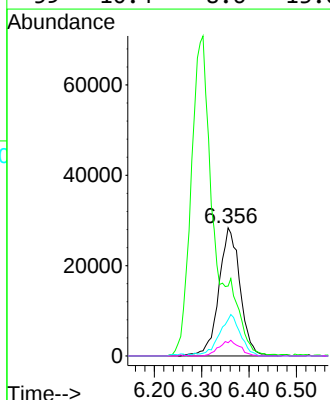
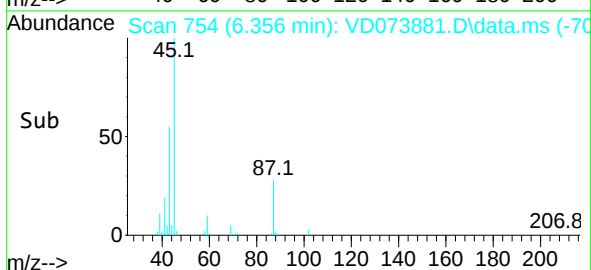
Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

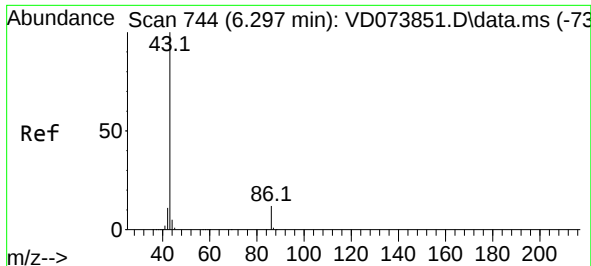


#22
Diisopropyl ether
Concen: 22.984 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02



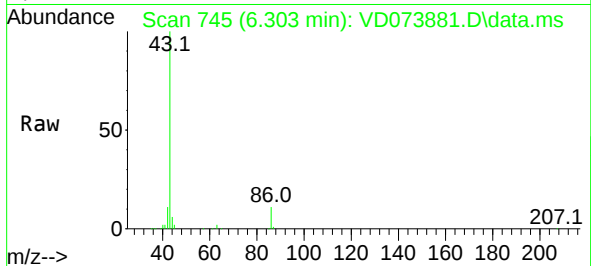
Tgt Ion: 45 Resp: 88122
Ion Ratio Lower Upper
45 100
43 53.8 46.6 70.0
87 28.4 18.4 27.6#
59 10.4 8.6 13.0





#23
 Vinyl Acetate
 Concen: 117.298 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073881.D
 Acq: 20 Jul 2022 16:02

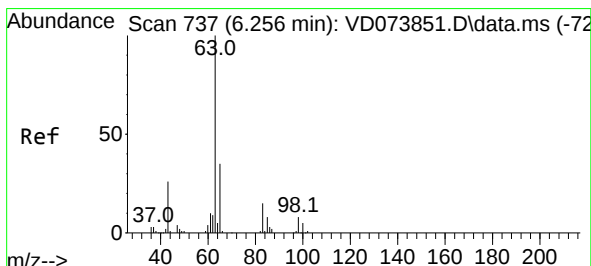
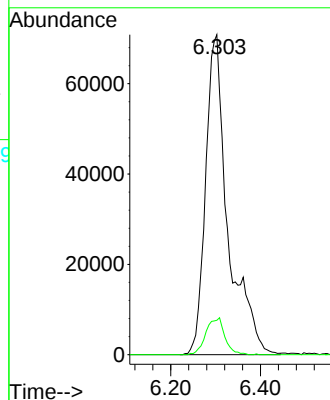
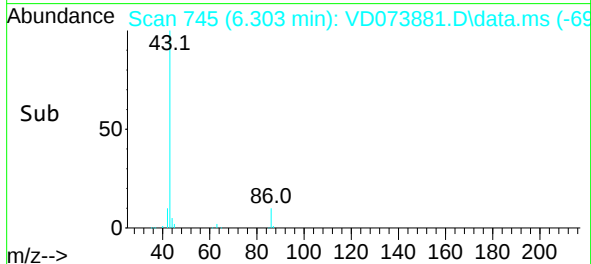
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0720SBSD02



Tgt Ion: 43 Resp: 24548
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.1 10.7

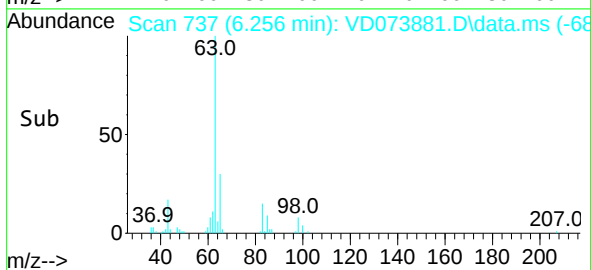
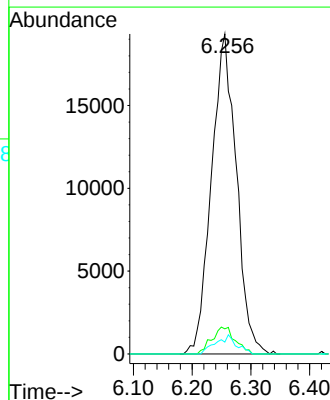
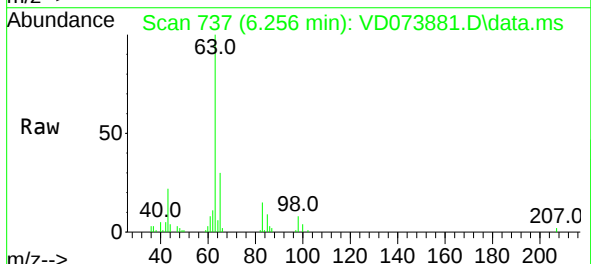
Manual Integrations
 APPROVED

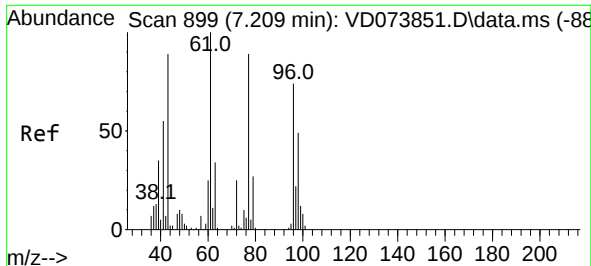
Reviewed By :Krupa Patel 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022



#24
 1,1-Dichloroethane
 Concen: 22.431 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: VD073881.D
 Acq: 20 Jul 2022 16:02

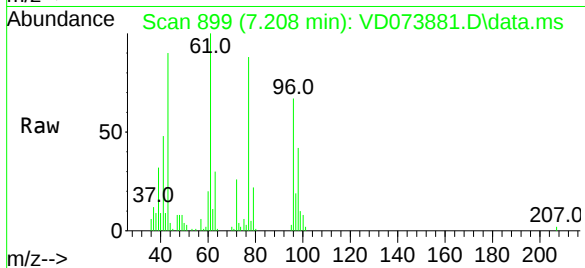
Tgt Ion: 63 Resp: 56805
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.9
 100 3.7 2.1 6.5





#25
2-Butanone
Concen: 128.367 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

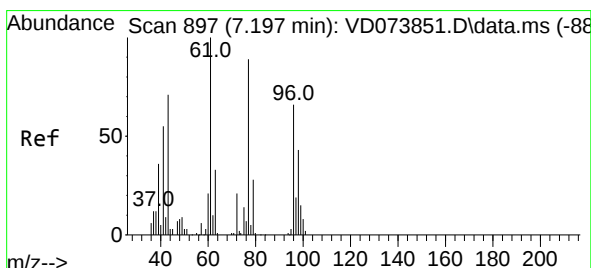
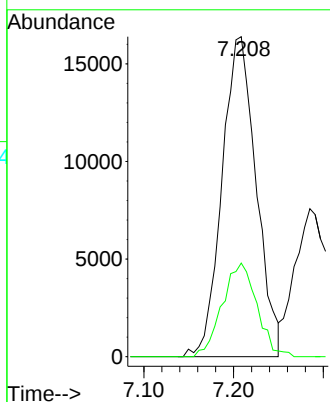
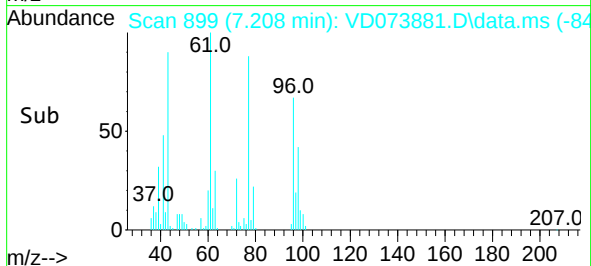
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02



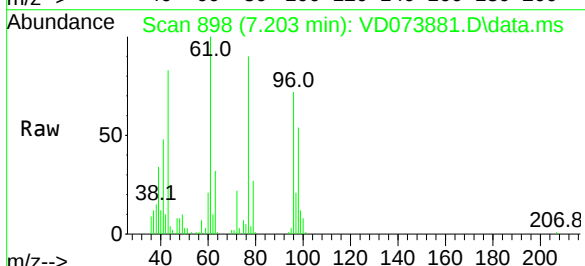
Tgt Ion: 43 Resp: 43364
Ion Ratio Lower Upper
43 100
72 29.3 18.6 27.8

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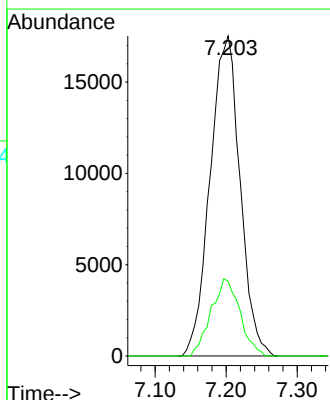
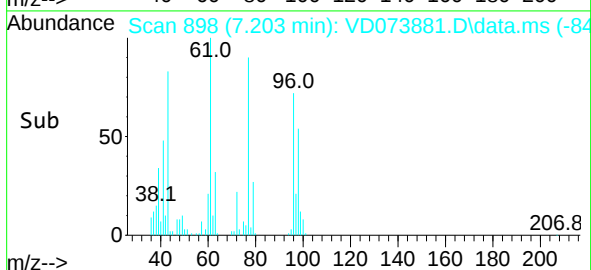
Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

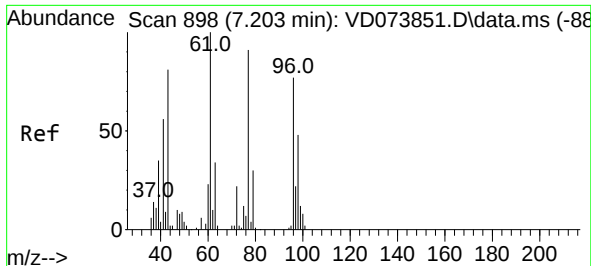


#26
2,2-Dichloropropane
Concen: 22.807 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.006 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02



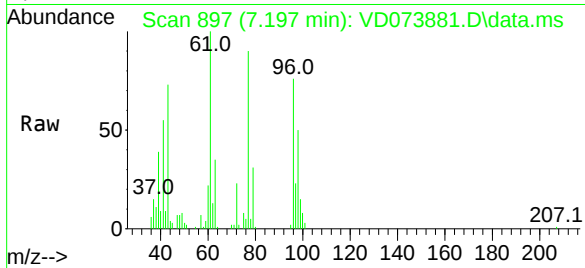
Tgt Ion: 77 Resp: 51291
Ion Ratio Lower Upper
77 100
97 23.2 10.8 32.4





#27
 cis-1,2-Dichloroethene
 Concen: 23.441 ug/l
 RT: 7.197 min Scan# 898
 Delta R.T. -0.006 min
 Lab File: VD073881.D
 Acq: 20 Jul 2022 16:02

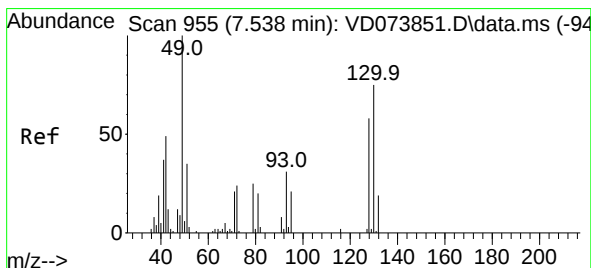
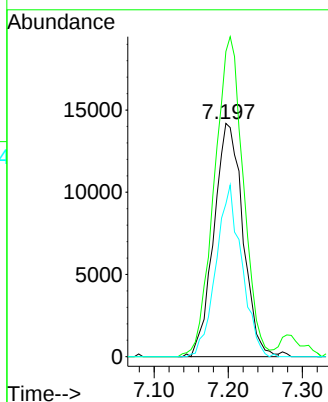
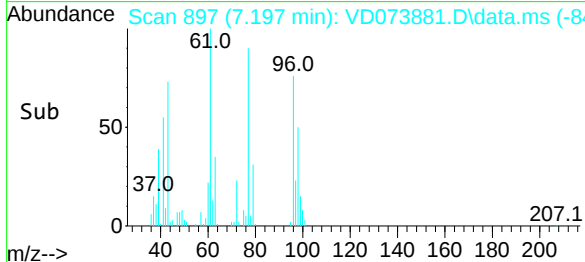
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0720SBS02



Tgt Ion: 96 Resp: 38509
 Ion Ratio Lower Upper
 96 100
 61 137.0 0.0 313.8
 98 65.4 0.0 128.8

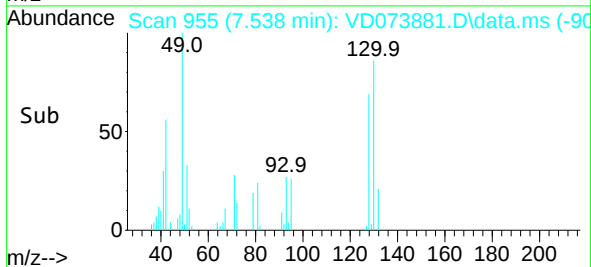
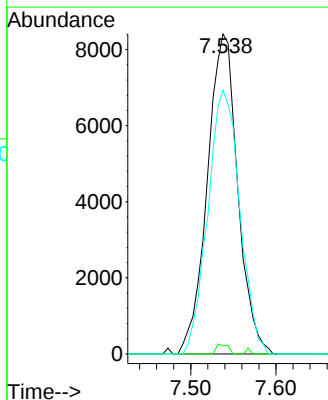
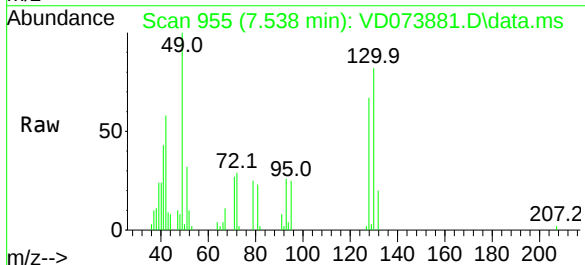
Manual Integrations
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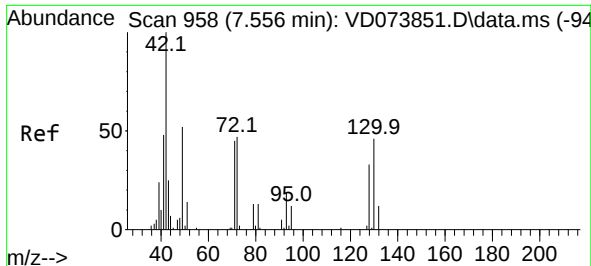
Reviewed By :Krupa Patel 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022



#28
 Bromochloromethane
 Concen: 21.943 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.000 min
 Lab File: VD073881.D
 Acq: 20 Jul 2022 16:02

Tgt Ion: 49 Resp: 20849
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.0
 130 86.5 52.6 79.0#





#29

Tetrahydrofuran

Concen: 126.304 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD073881.D

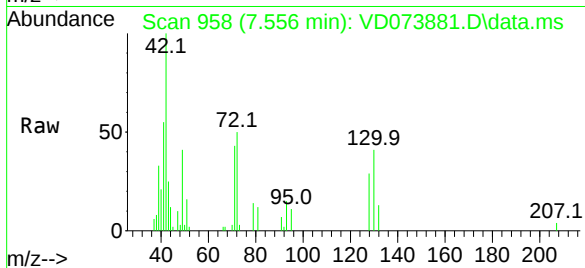
Acq: 20 Jul 2022 16:02

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBSD02



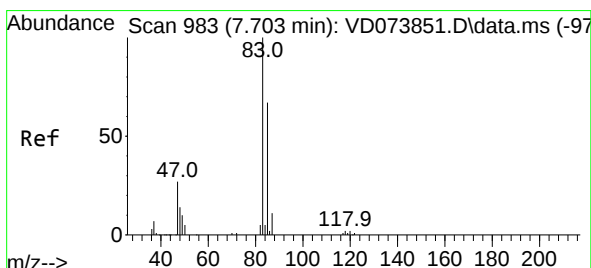
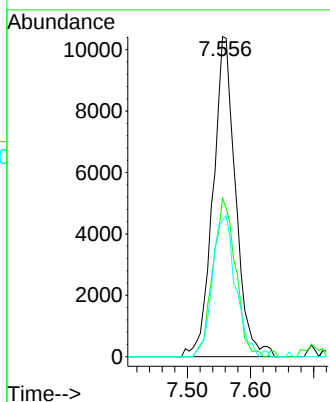
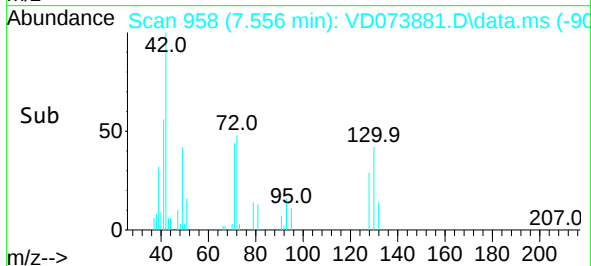
Tgt Ion:	42	Resp:	2587
Ion	Ratio	Lower	Upper
42	100		
72	49.3	30.7	46.1
71	45.3	28.6	43.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#30

Chloroform

Concen: 23.665 ug/l

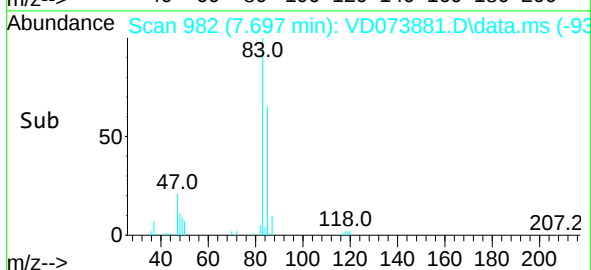
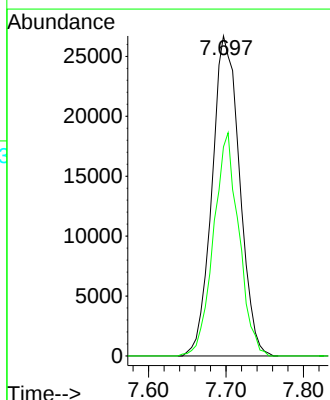
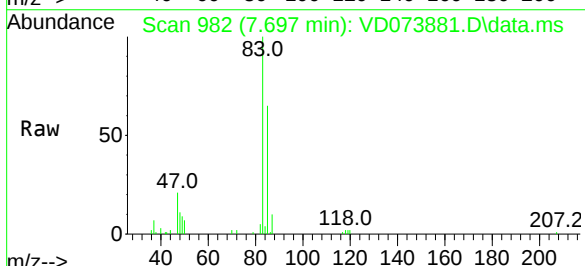
RT: 7.697 min Scan# 982

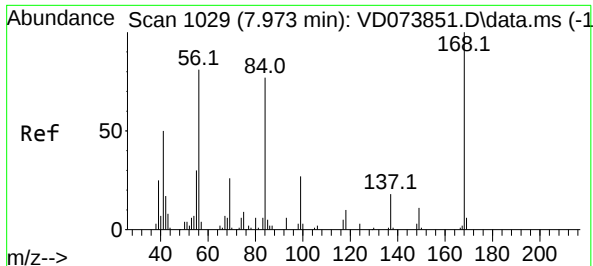
Delta R.T. -0.006 min

Lab File: VD073881.D

Acq: 20 Jul 2022 16:02

Tgt Ion:	83	Resp:	65967
Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.7	79.1





#31

Cyclohexane

Concen: 19.872 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.000 min

Lab File: VD073881.D

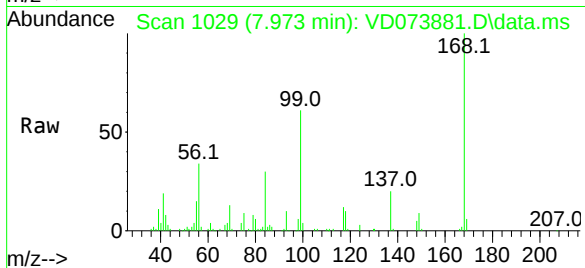
Acq: 20 Jul 2022 16:02

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBS02



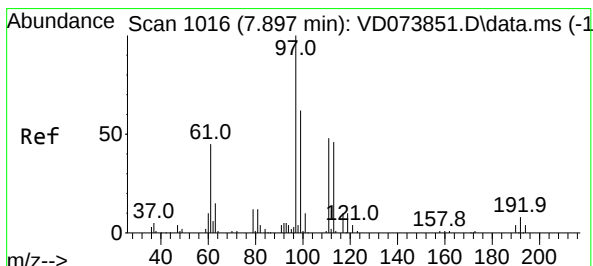
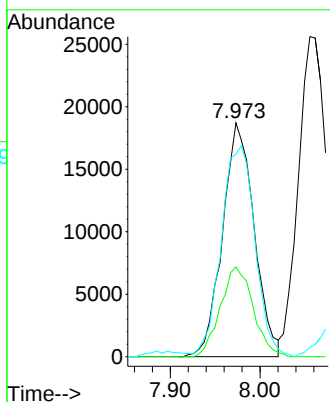
Tgt Ion:	56	Resp:	45800
Ion Ratio	Lower	Upper	
56	100		
69	38.4	25.4	38.2
84	84.9	63.0	94.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#32

1,1,1-Trichloroethane

Concen: 22.621 ug/l

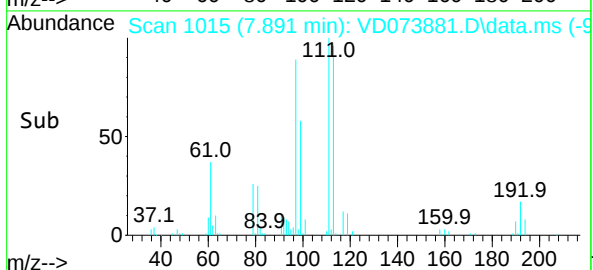
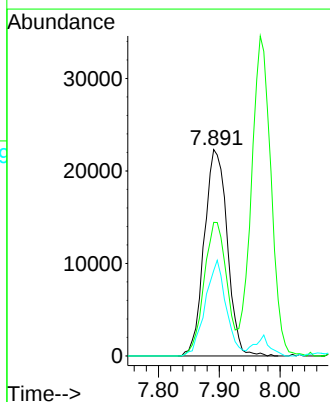
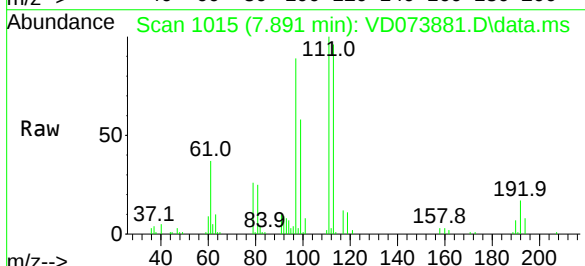
RT: 7.891 min Scan# 1015

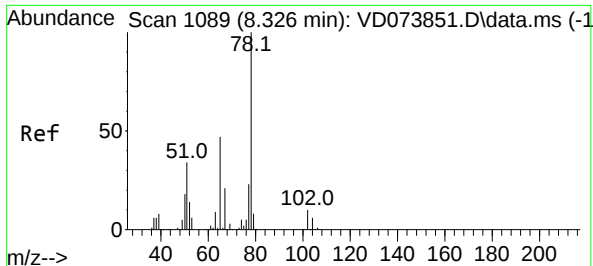
Delta R.T. -0.006 min

Lab File: VD073881.D

Acq: 20 Jul 2022 16:02

Tgt Ion:	97	Resp:	58663
Ion Ratio	Lower	Upper	
97	100		
99	63.1	52.4	78.6
61	42.3	38.0	57.0





#33

1,2-Dichloroethane-d4

Concen: 61.539 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073881.D

Acq: 20 Jul 2022 16:02

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBS02

Tgt Ion: 65 Resp: 8925

Ion Ratio Lower Upper

65 100

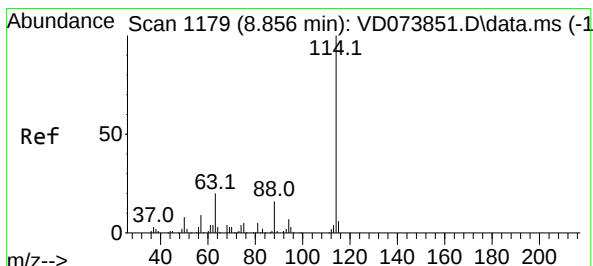
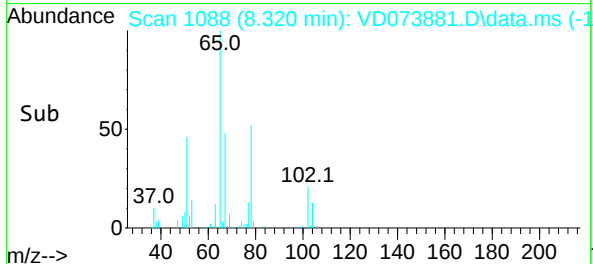
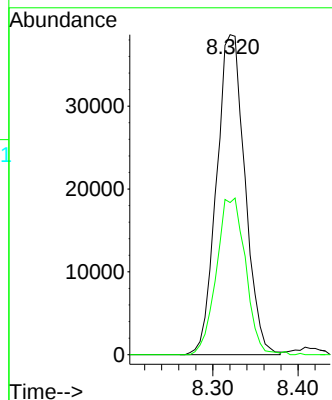
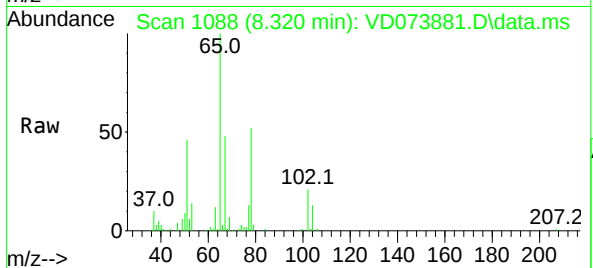
67 50.3 0.0 101.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073881.D

Acq: 20 Jul 2022 16:02

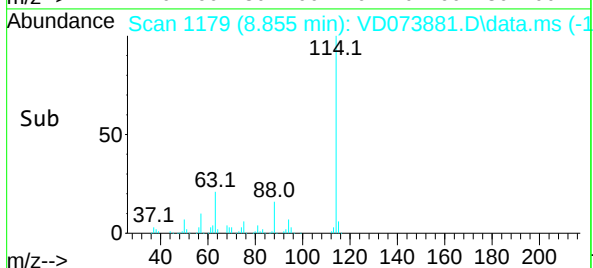
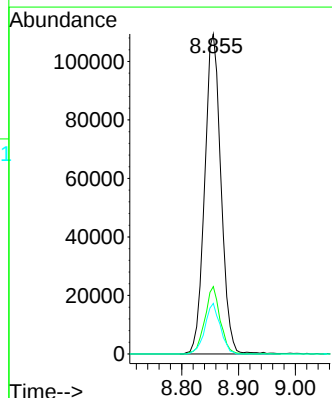
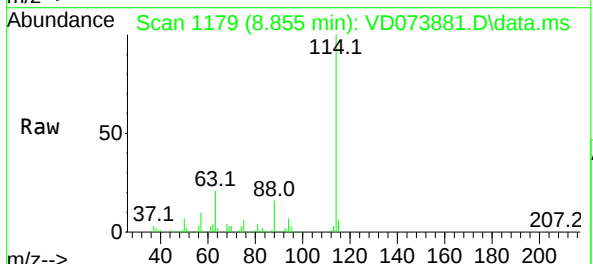
Tgt Ion:114 Resp: 217385

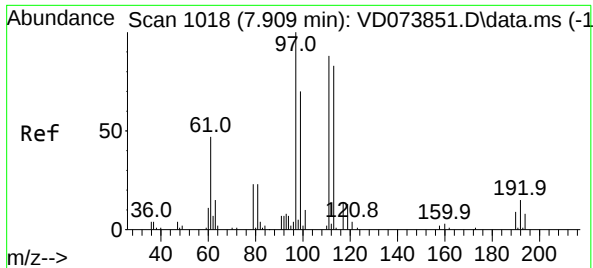
Ion Ratio Lower Upper

114 100

63 21.1 0.0 46.6

88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 56.790 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073881.D

Acq: 20 Jul 2022 16:02

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBSD02

Tgt Ion: 113 Resp: 8709

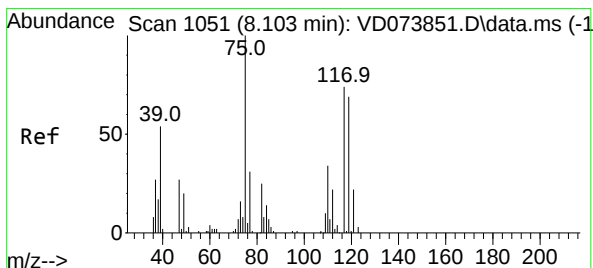
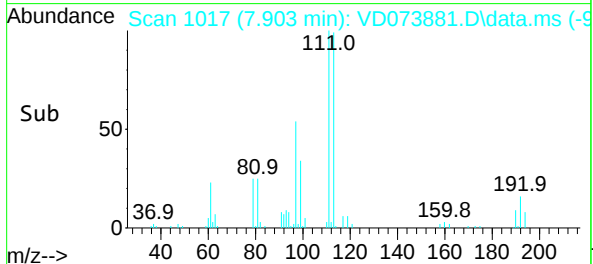
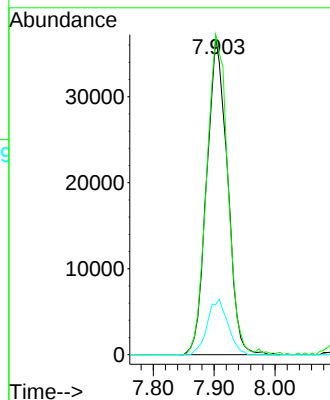
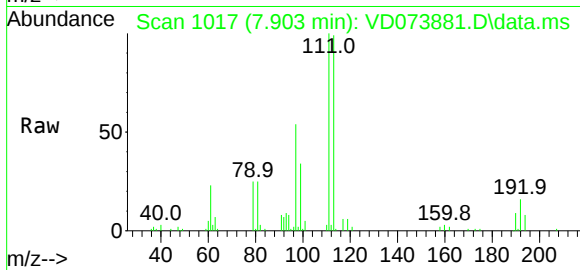
Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.8	125.6
192	17.4	14.6	21.8

Manual Integrations

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Reviewed By :Krupa Patel 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#36

1,1-Dichloropropene

Concen: 20.480 ug/l

RT: 8.108 min Scan# 1052

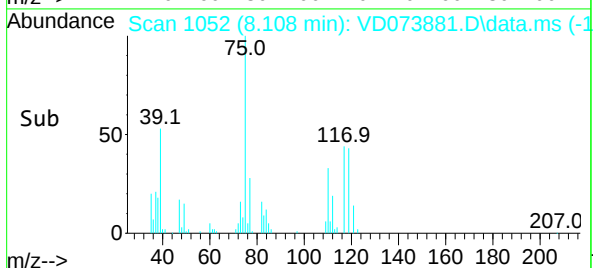
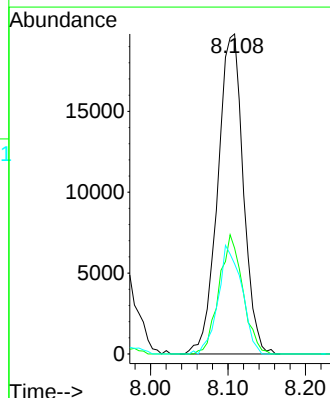
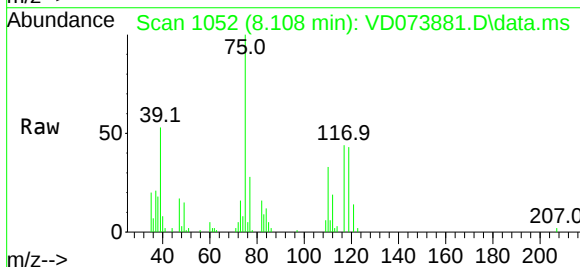
Delta R.T. 0.006 min

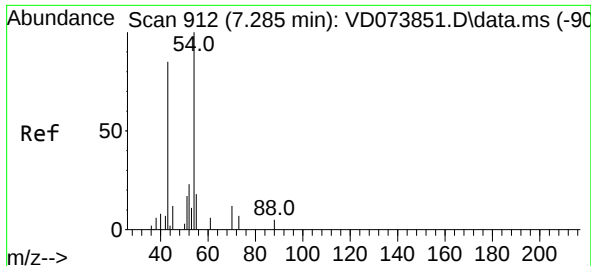
Lab File: VD073881.D

Acq: 20 Jul 2022 16:02

Tgt Ion: 75 Resp: 45310

Ion	Ratio	Lower	Upper
75	100		
110	34.6	16.4	49.1
77	31.5	24.2	36.2





#37

Ethyl Acetate

Concen: 26.494 ug/l

RT: 7.285 min Scan# 912

Delta R.T. -0.000 min

Lab File: VD073881.D

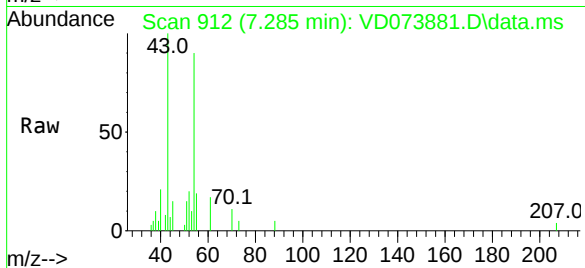
Acq: 20 Jul 2022 16:02

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBS02

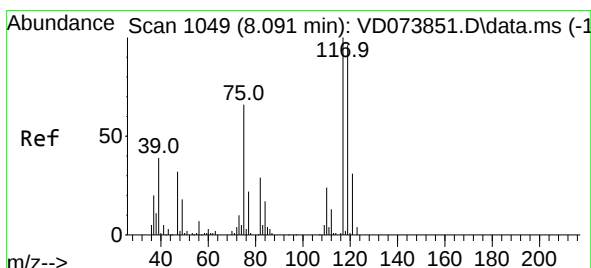
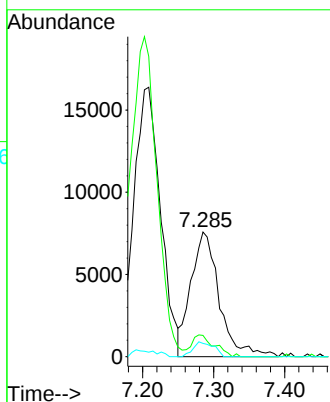
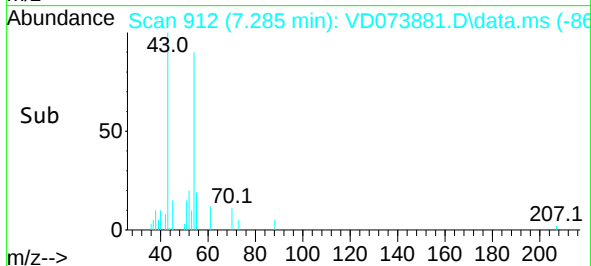


Tgt Ion:	43	Resp:	2107
Ion Ratio	Lower	Upper	
43	100		
61	14.3	9.8	14.8
70	8.6	6.9	10.3

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#38

Carbon Tetrachloride

Concen: 18.125 ug/l

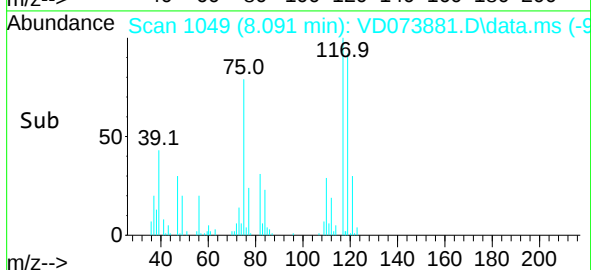
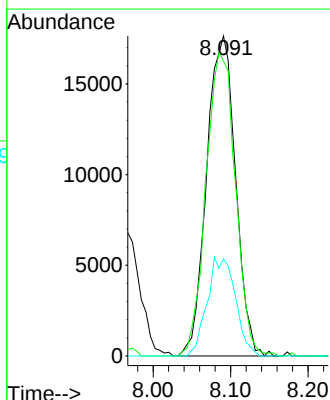
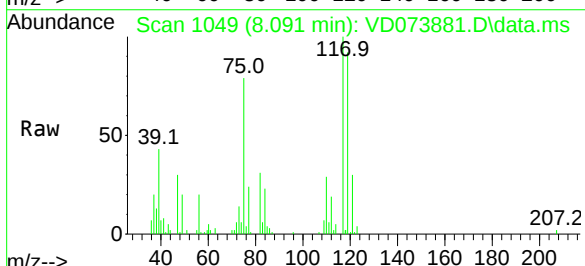
RT: 8.091 min Scan# 1049

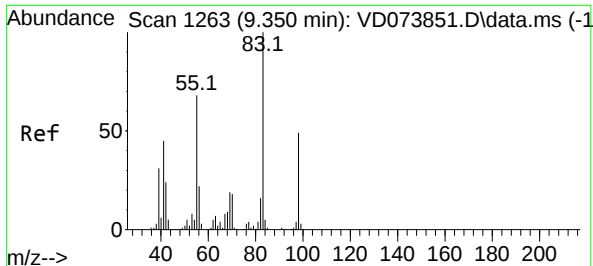
Delta R.T. -0.000 min

Lab File: VD073881.D

Acq: 20 Jul 2022 16:02

Tgt Ion:	117	Resp:	45796
Ion Ratio	Lower	Upper	
117	100		
119	92.2	75.8	113.6
121	30.3	24.5	36.7





#39

Methylcyclohexane

Concen: 19.014 ug/l

RT: 9.344 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD073881.D

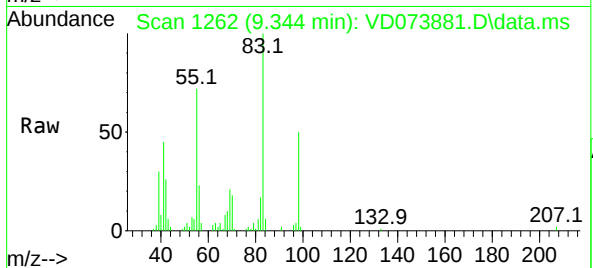
Acq: 20 Jul 2022 16:02

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBS02



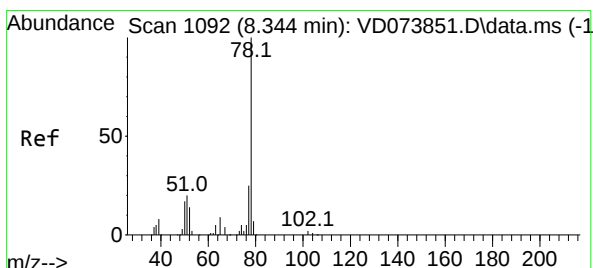
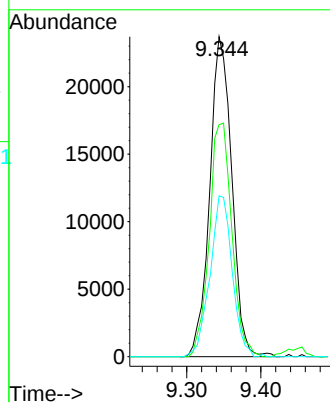
Tgt Ion: 83	Resp: 4903
Ion Ratio	Lower Upper
83	100
55	72.5 63.2 94.8
98	50.3 38.2 57.4

Manual Integrations

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Reviewed By :Krupa Patel 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#40

Benzene

Concen: 21.380 ug/l

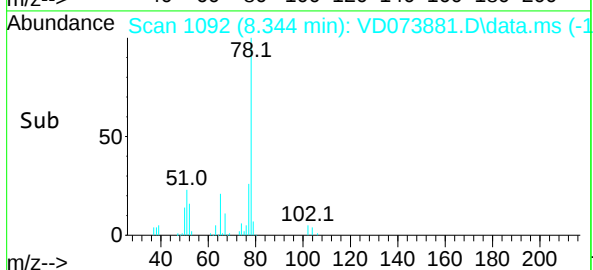
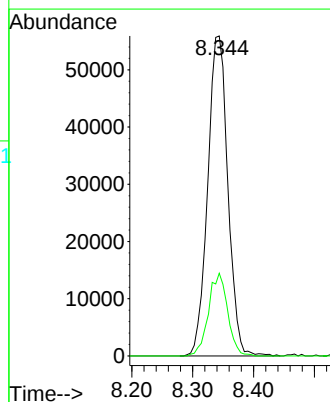
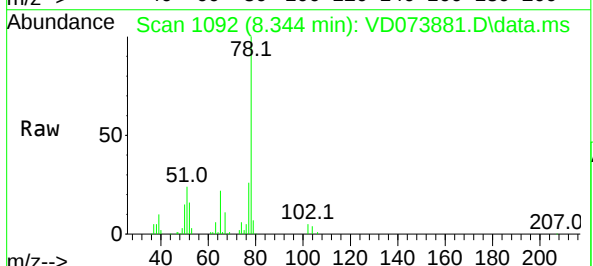
RT: 8.344 min Scan# 1092

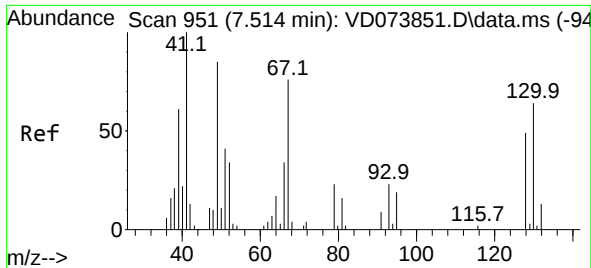
Delta R.T. -0.000 min

Lab File: VD073881.D

Acq: 20 Jul 2022 16:02

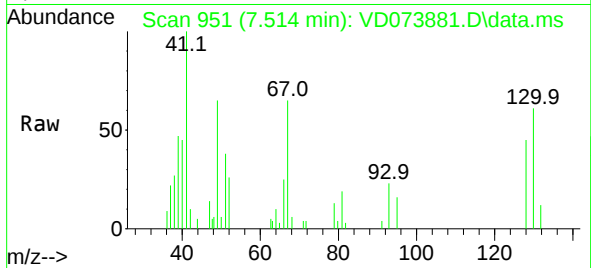
Tgt Ion: 78	Resp: 128693
Ion Ratio	Lower Upper
78	100
77	25.9 19.1 28.7





#41
Methacrylonitrile
Concen: 16.666 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

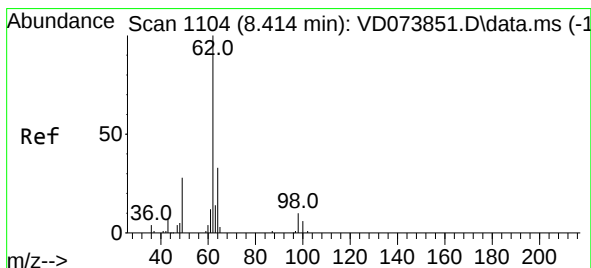
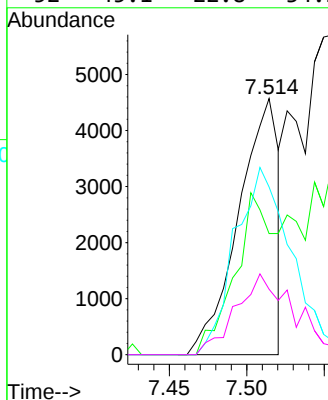
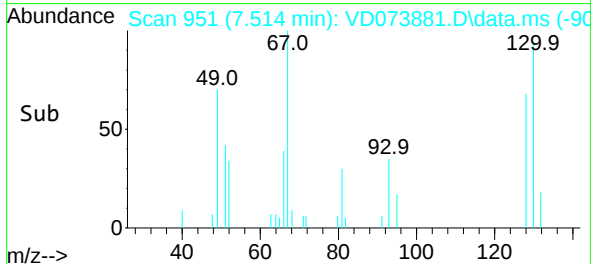
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02



Tgt Ion: 41 Resp: 8239
Ion Ratio Lower Upper
41 100
39 62.2 44.6 67.0
67 102.6 48.2 72.4
52 45.1 22.8 34.2

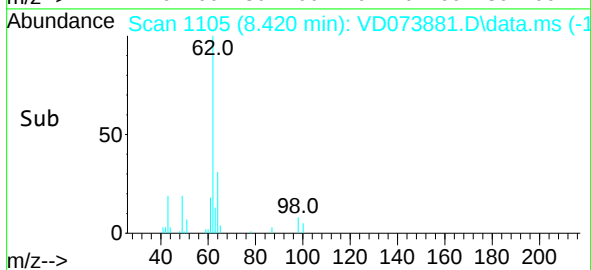
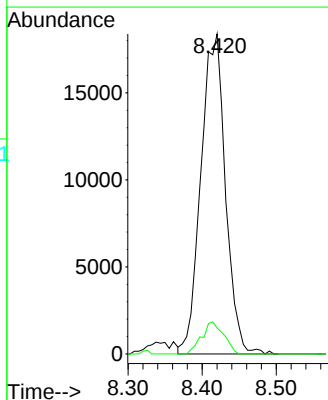
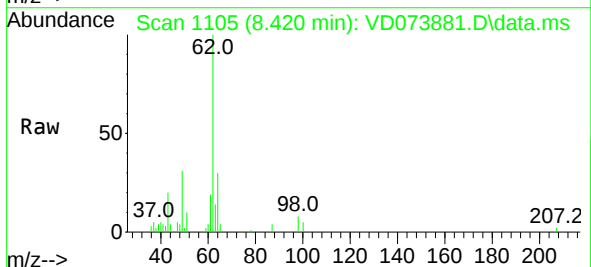
Manual Integrations
APPROVED

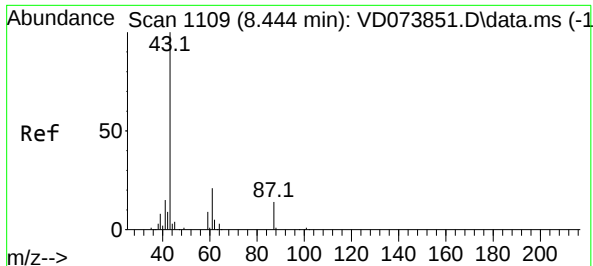
Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#42
1,2-Dichloroethane
Concen: 22.968 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

Tgt Ion: 62 Resp: 42312
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.6





#43

Isopropyl Acetate

Concen: 23.470 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD073881.D

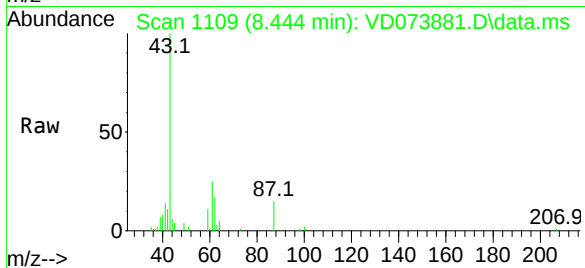
Acq: 20 Jul 2022 16:02

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBS02



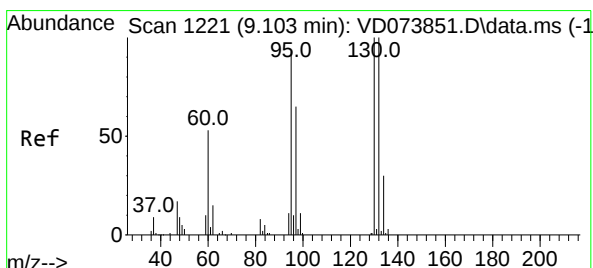
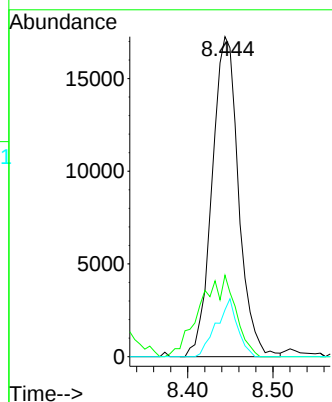
Tgt Ion: 43	Resp: 3731
Ion Ratio	Lower Upper
43	100
61	21.2 22.4 33.6
87	14.4 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#44

Trichloroethene

Concen: 22.529 ug/l

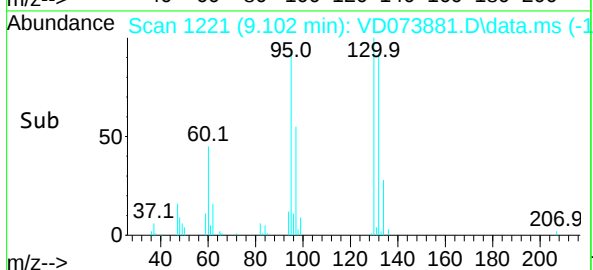
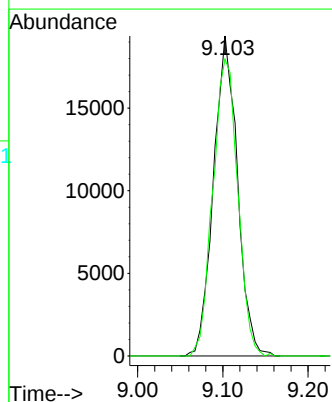
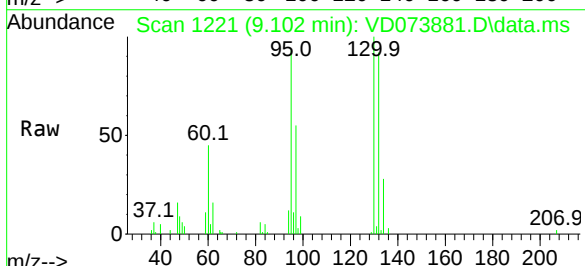
RT: 9.102 min Scan# 1221

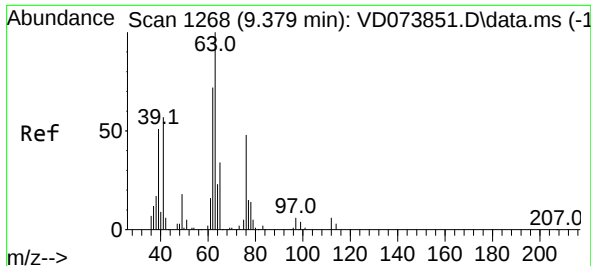
Delta R.T. -0.000 min

Lab File: VD073881.D

Acq: 20 Jul 2022 16:02

Tgt Ion:130	Resp: 37847
Ion Ratio	Lower Upper
130	100
95	92.8 0.0 205.4





#45

1,2-Dichloropropane

Concen: 21.733 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073881.D

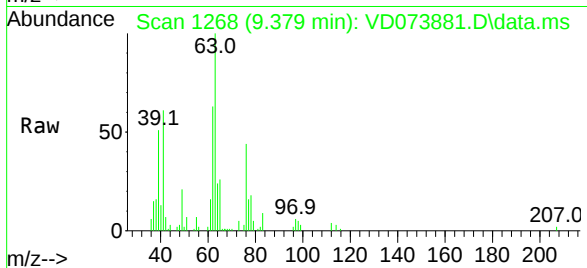
Acq: 20 Jul 2022 16:02

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBS02



Tgt Ion: 63 Resp: 31620

Ion Ratio Lower Upper

63 100

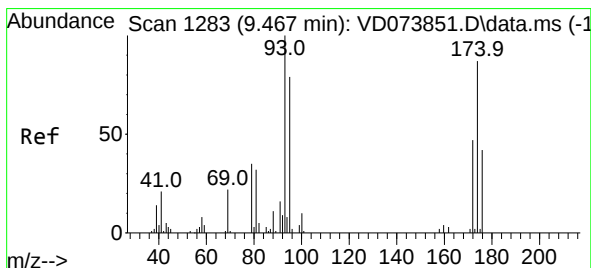
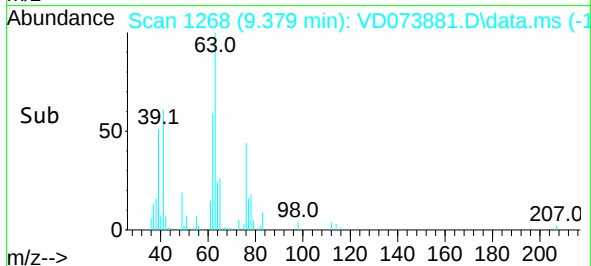
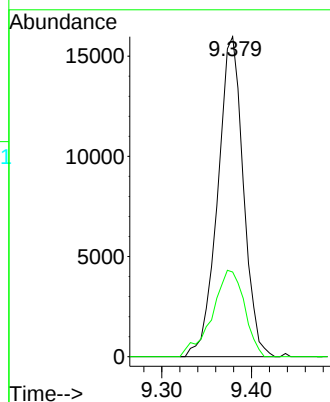
65 26.4 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#46

Dibromomethane

Concen: 24.574 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VD073881.D

Acq: 20 Jul 2022 16:02

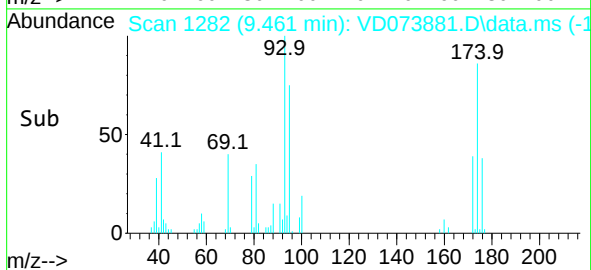
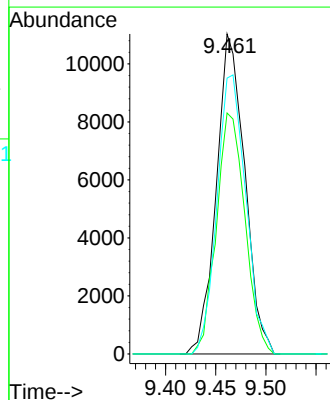
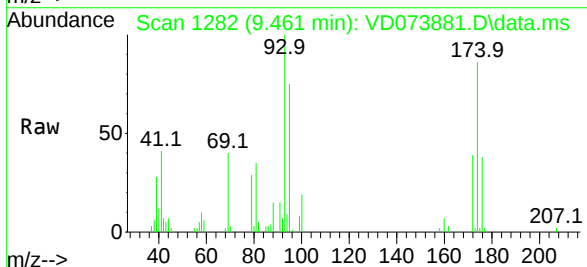
Tgt Ion: 93 Resp: 21687

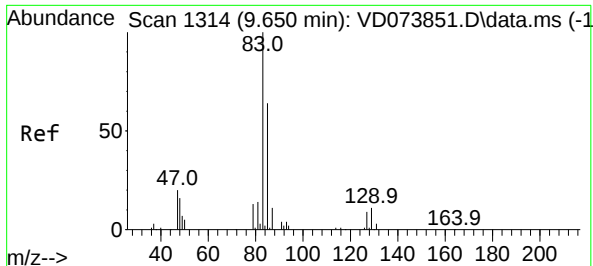
Ion Ratio Lower Upper

93 100

95 75.7 66.7 100.1

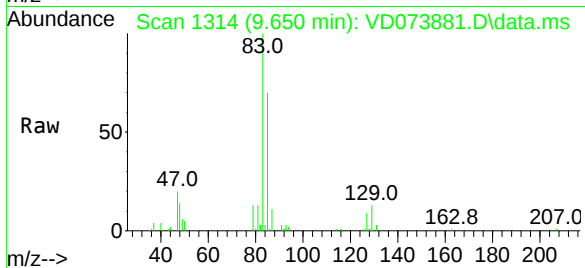
174 88.7 71.6 107.4





#47
Bromodichloromethane
Concen: 21.837 ug/l
RT: 9.650 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

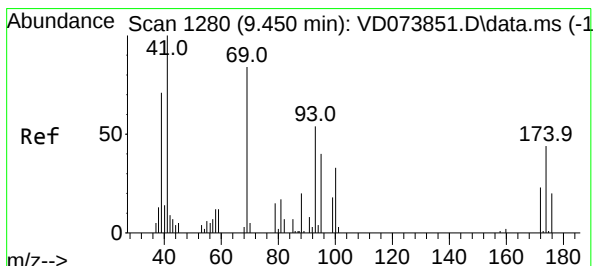
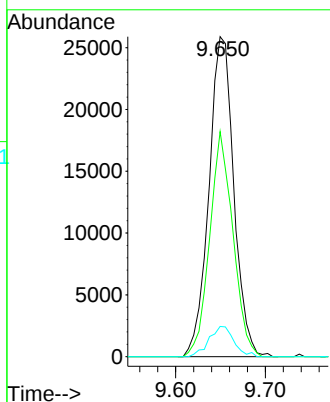
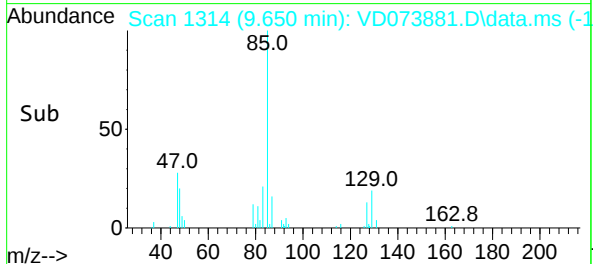
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBSD02



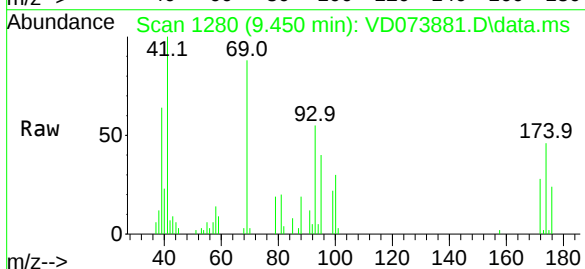
Tgt Ion: 83 Resp: 4989
Ion Ratio Lower Upper
83 100
85 70.3 51.4 77.0
127 9.5 6.1 9.1

Manual Integrations
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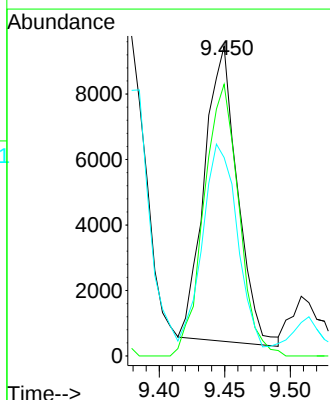
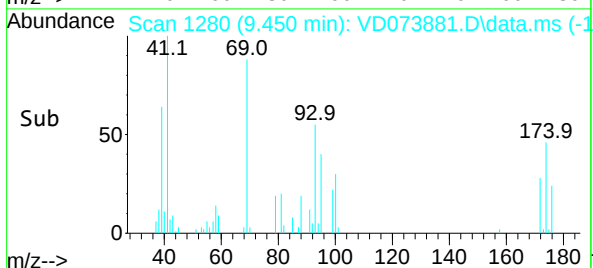
Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

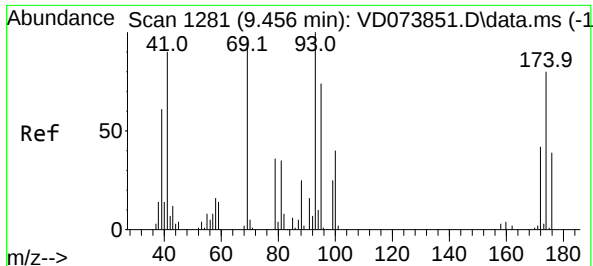


#48
Methyl methacrylate
Concen: 20.235 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02



Tgt Ion: 41 Resp: 15772
Ion Ratio Lower Upper
41 100
69 97.1 56.7 85.1#
39 71.6 42.7 64.1#





#49

1,4-Dioxane

Concen: 449.974 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VD073881.D

Acq: 20 Jul 2022 16:02

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBSD02

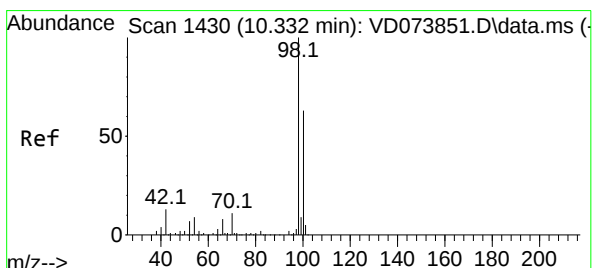
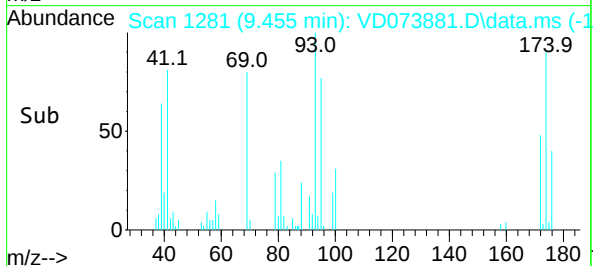
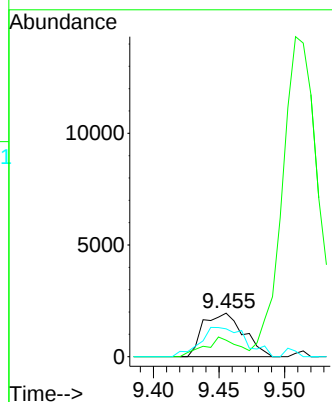
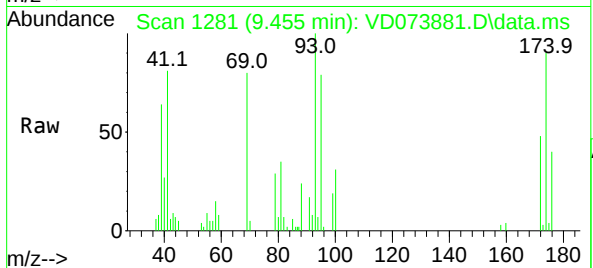
Tgt Ion: 88 Resp: 4158
 Ion Ratio Lower Upper
 88 100
 43 36.5 31.0 46.4
 58 76.0 58.1 87.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#50

Toluene-d8

Concen: 55.152 ug/l

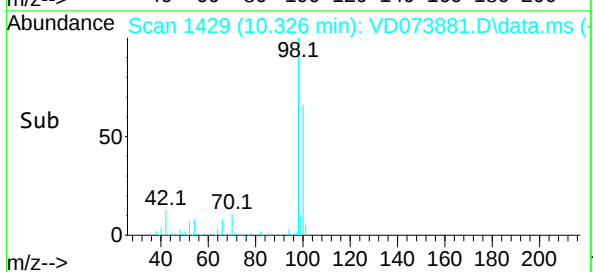
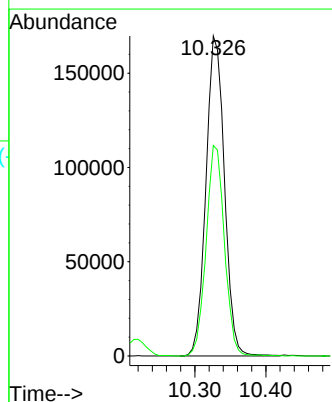
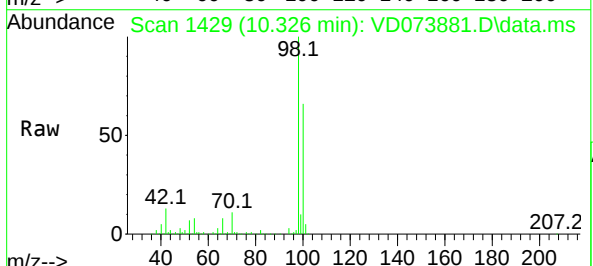
RT: 10.326 min Scan# 1429

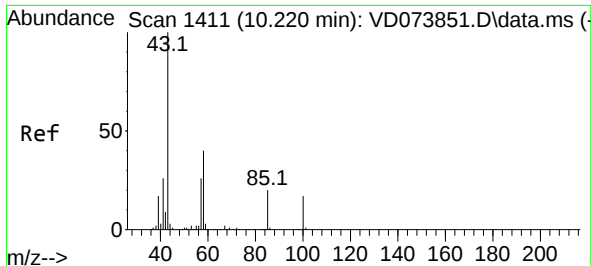
Delta R.T. -0.006 min

Lab File: VD073881.D

Acq: 20 Jul 2022 16:02

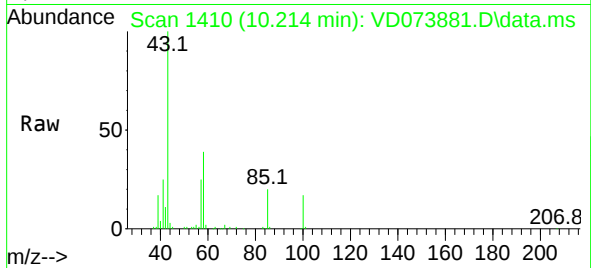
Tgt Ion: 98 Resp: 307049
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 121.311 ug/l
RT: 10.214 min Scan# 1410
Delta R.T. -0.006 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

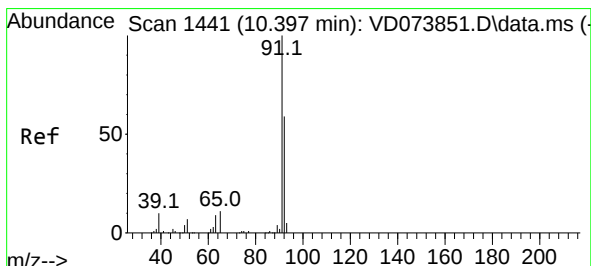
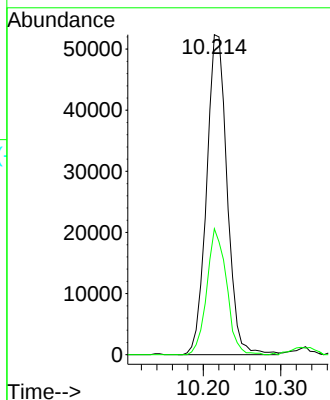
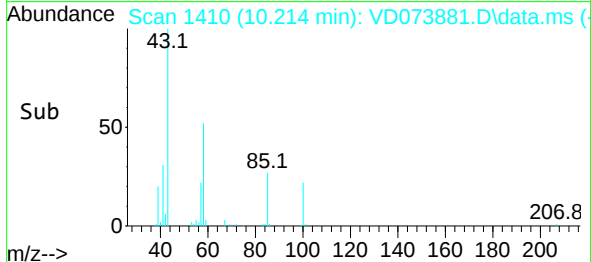
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBSD02



Tgt Ion: 43 Resp: 9641
Ion Ratio Lower Upper
43 100
58 37.6 28.6 43.0

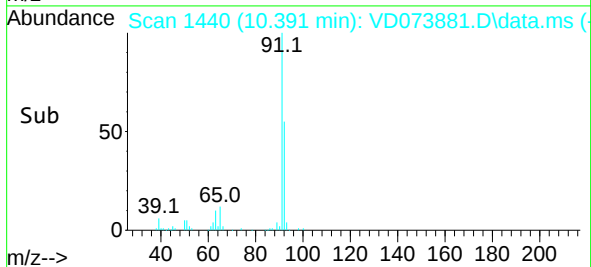
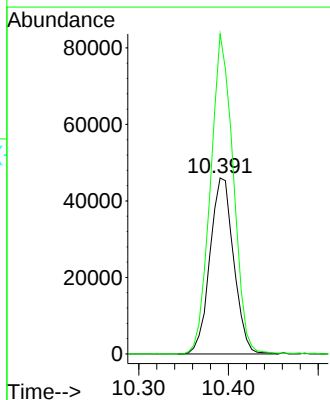
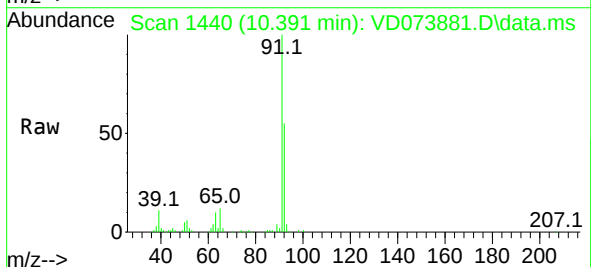
Manual Integrations
APPROVED

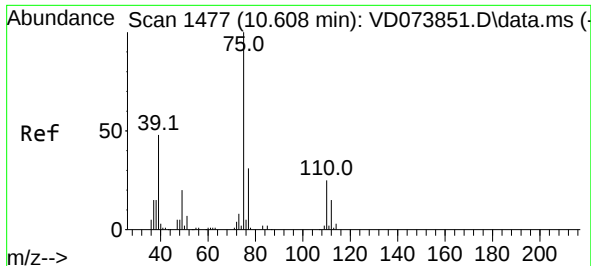
Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#52
Toluene
Concen: 20.871 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

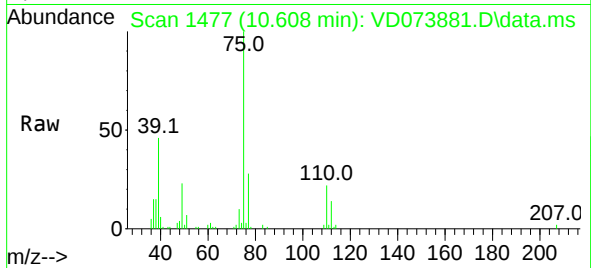
Tgt Ion: 92 Resp: 84550
Ion Ratio Lower Upper
92 100
91 174.4 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 22.406 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

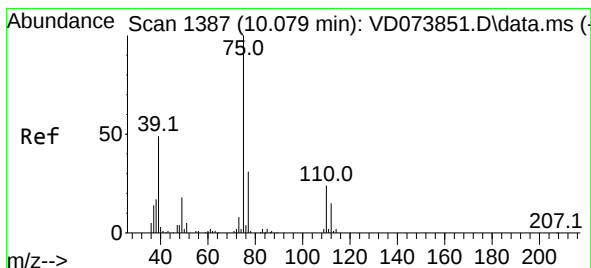
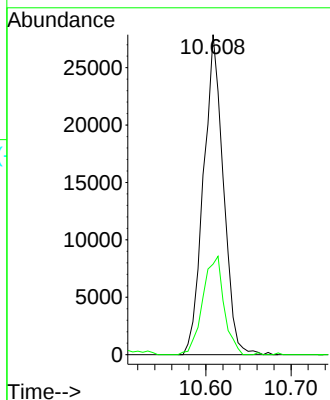
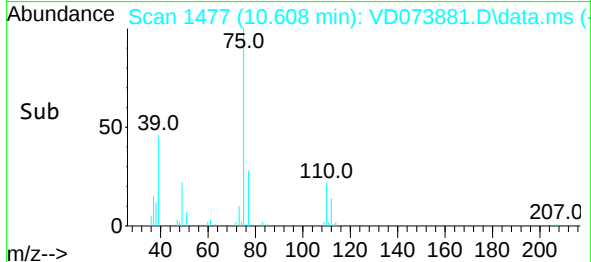
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02



Tgt Ion: 75 Resp: 45197
Ion Ratio Lower Upper
75 100
77 28.3 24.5 36.7

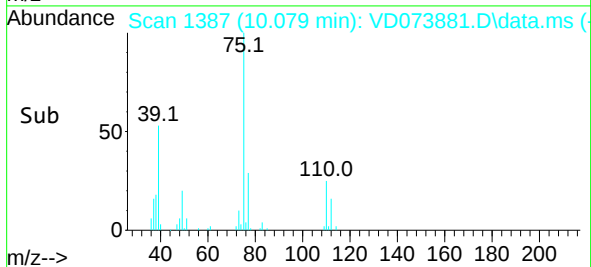
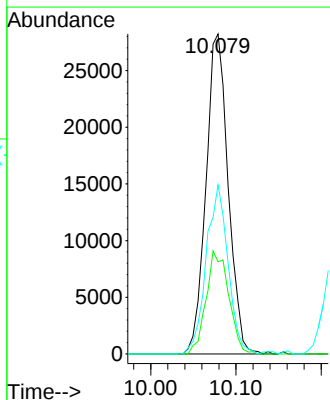
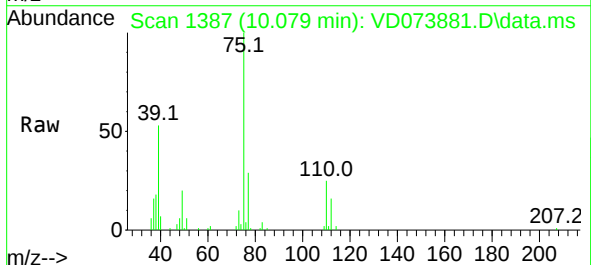
Manual Integrations
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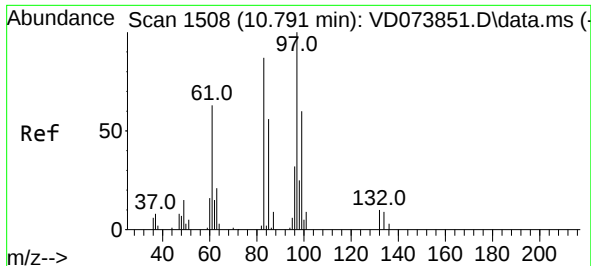
Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#54
cis-1,3-Dichloropropene
Concen: 21.886 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

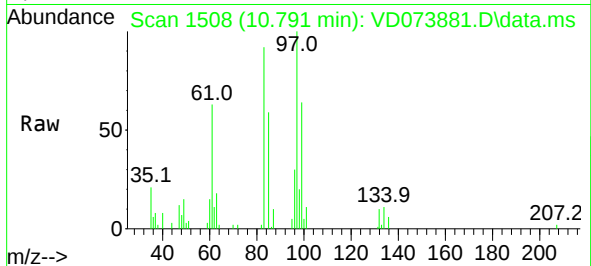
Tgt Ion: 75 Resp: 51082
Ion Ratio Lower Upper
75 100
77 28.8 24.8 37.2
39 52.8 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 23.364 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

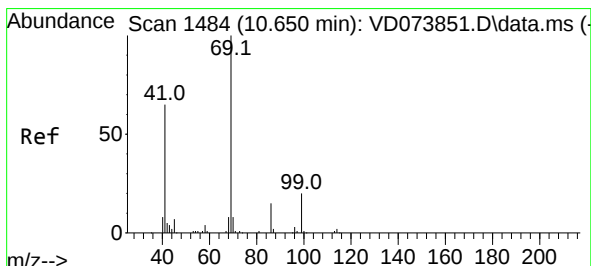
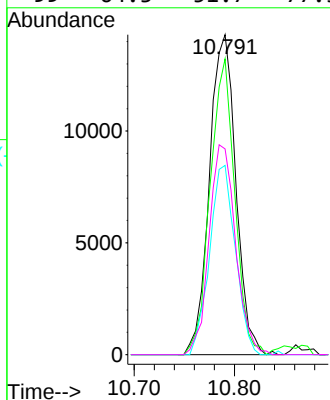
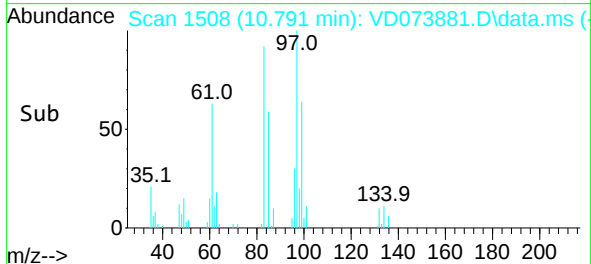
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02



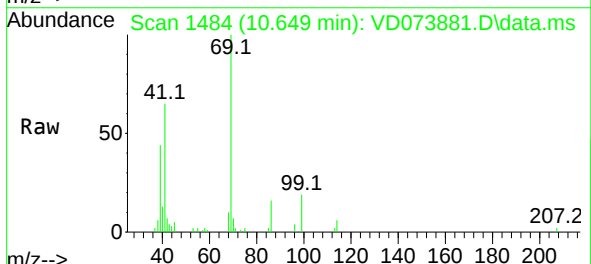
Tgt Ion: 97 Resp: 26228
Ion Ratio Lower Upper
97 100
83 92.4 69.0 103.4
85 59.2 42.6 63.8
99 64.3 51.7 77.5

Manual Integrations
APPROVED

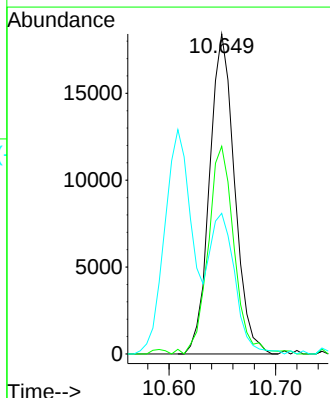
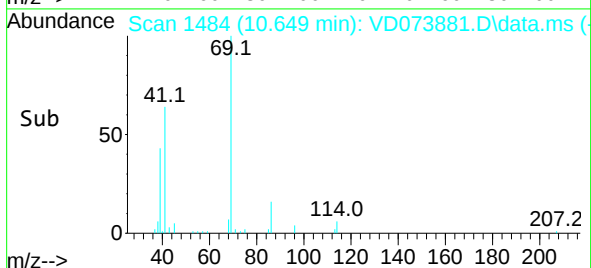
Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

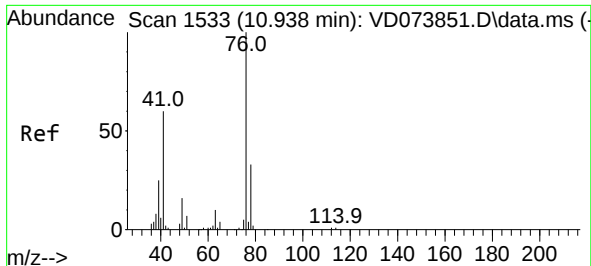


#56
Ethyl methacrylate
Concen: 23.135 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02



Tgt Ion: 69 Resp: 30067
Ion Ratio Lower Upper
69 100
41 67.4 63.0 94.6
39 44.2 33.8 50.8





#57

1,3-Dichloropropane

Concen: 23.219 ug/l

RT: 10.932 min Scan# 1533

Delta R.T. -0.006 min

Lab File: VD073881.D

Acq: 20 Jul 2022 16:02

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBS02

Tgt Ion: 76 Resp: 44328

Ion Ratio Lower Upper

76 100

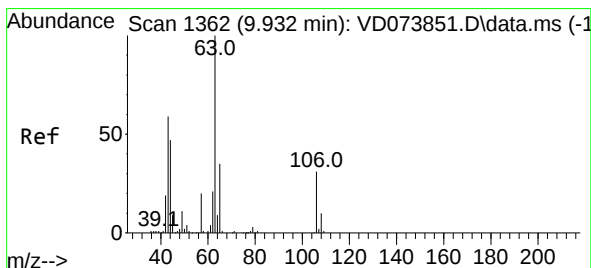
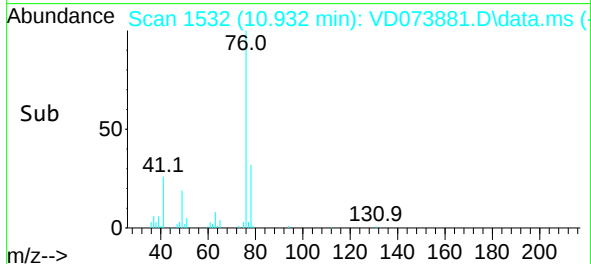
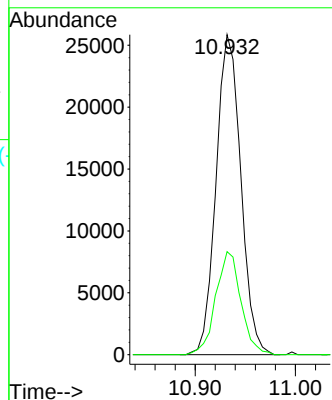
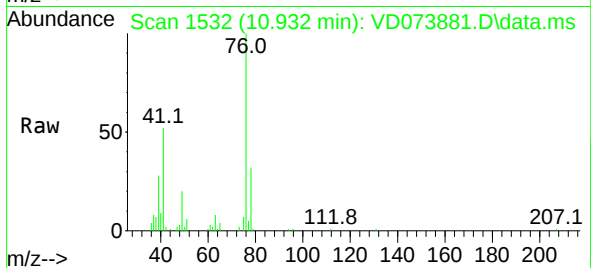
78 32.8 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 78.767 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073881.D

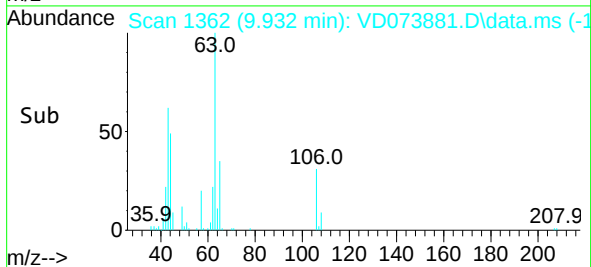
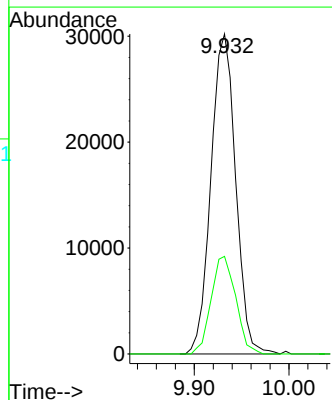
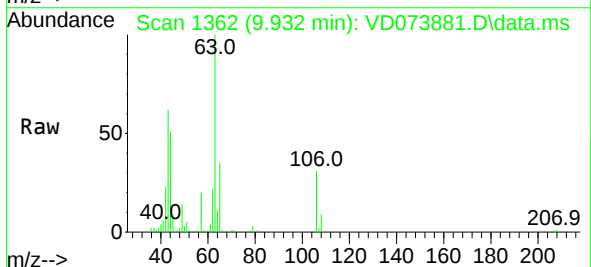
Acq: 20 Jul 2022 16:02

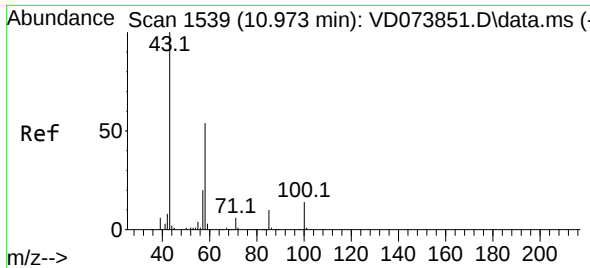
Tgt Ion: 63 Resp: 54738

Ion Ratio Lower Upper

63 100

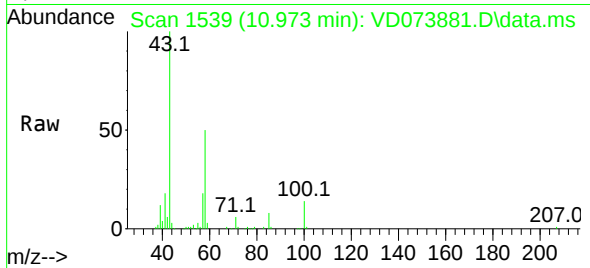
106 30.4 21.4 32.0





#59
2-Hexanone
Concen: 122.759 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

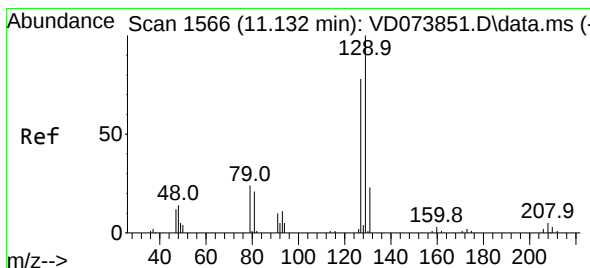
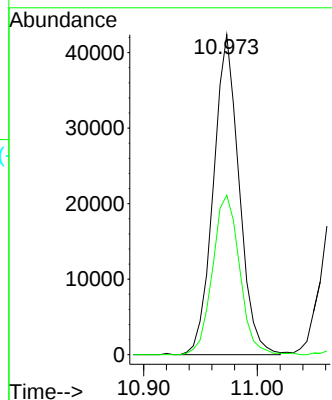
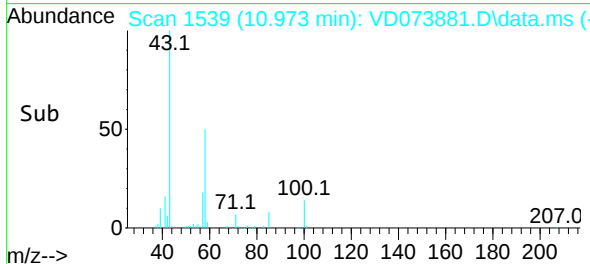
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBSD02



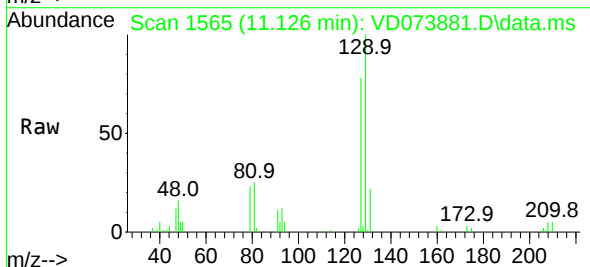
Tgt Ion: 43 Resp: 66668
Ion Ratio Lower Upper
43 100
58 52.4 25.3 75.9

Manual Integrations
APPROVED

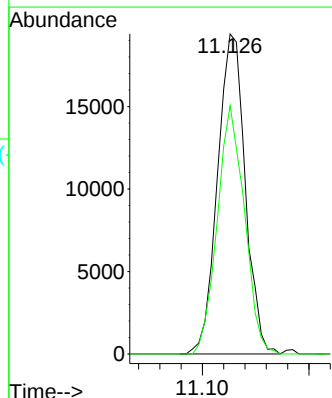
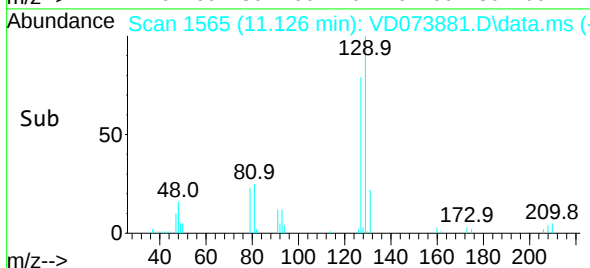
Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

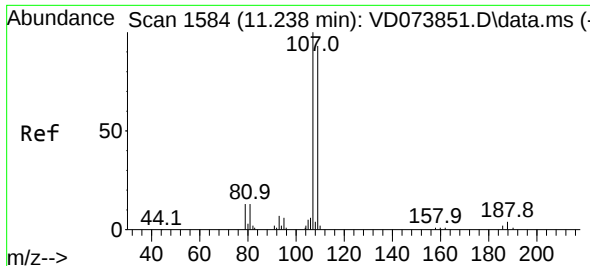


#60
Dibromochloromethane
Concen: 23.029 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02



Tgt Ion:129 Resp: 35021
Ion Ratio Lower Upper
129 100
127 76.0 39.2 117.6





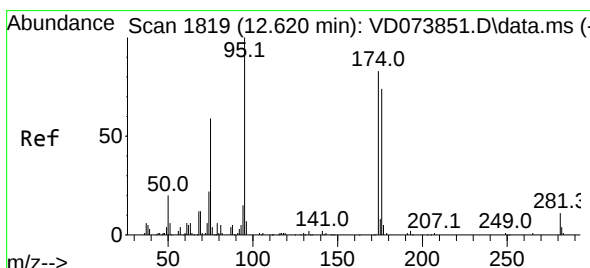
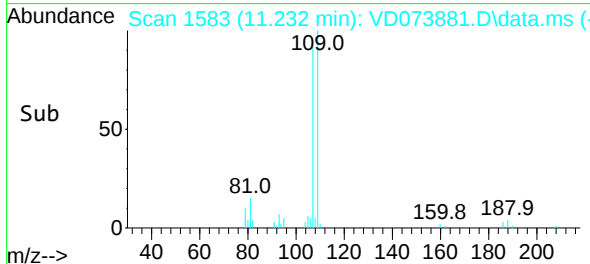
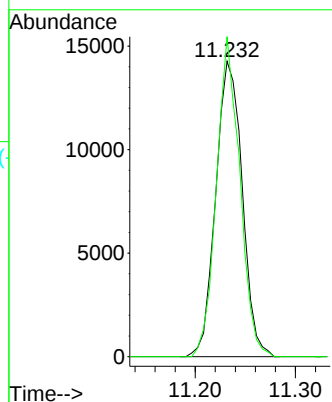
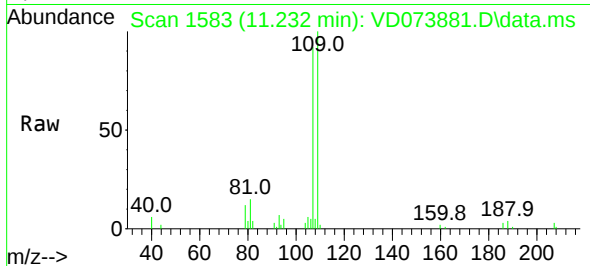
#61
1,2-Dibromoethane
Concen: 23.042 ug/l
RT: 11.232 min Scan# 1583
Delta R.T. -0.006 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

Tgt Ion:107 Resp: 2617
Ion Ratio Lower Upper
107 100
109 95.5 74.2 111.4

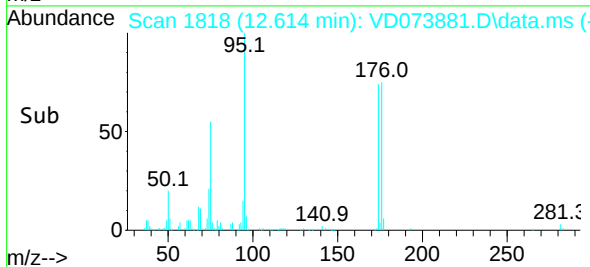
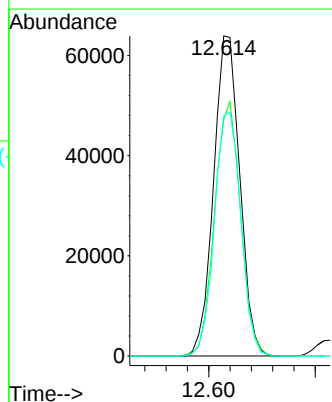
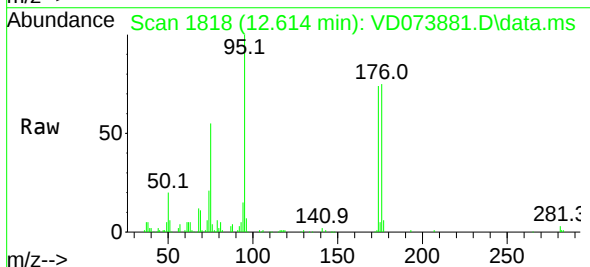
Manual Integrations
APPROVED

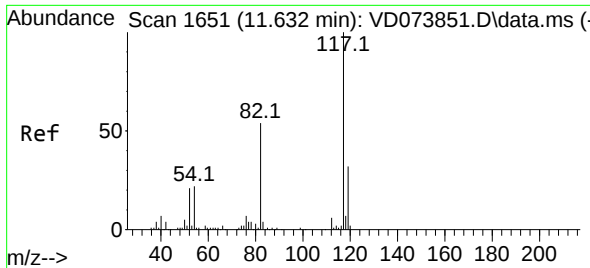
Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#62
4-Bromofluorobenzene
Concen: 57.062 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

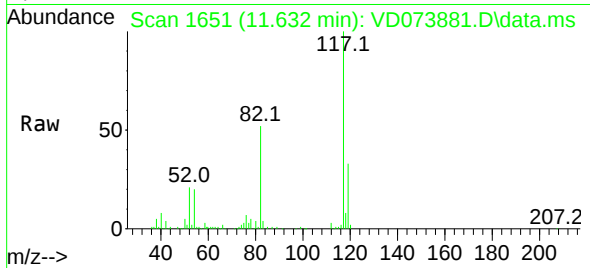
Tgt Ion: 95 Resp: 109227
Ion Ratio Lower Upper
95 100
174 78.5 0.0 152.8
176 76.6 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

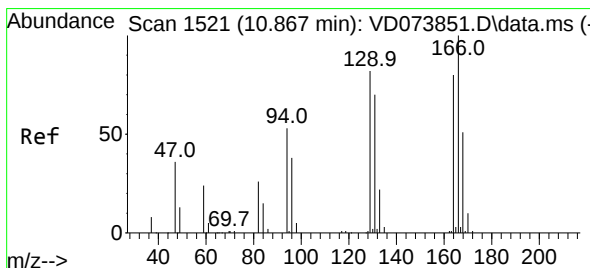
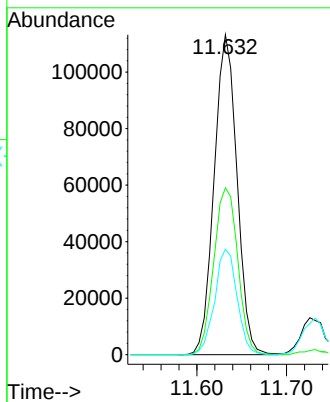
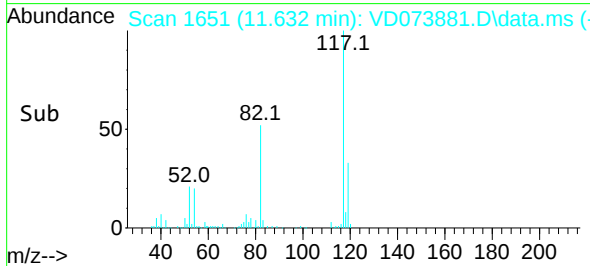
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02



Tgt Ion:117 Resp: 200272
Ion Ratio Lower Upper
117 100
82 52.2 45.3 67.9
119 33.0 26.6 40.0

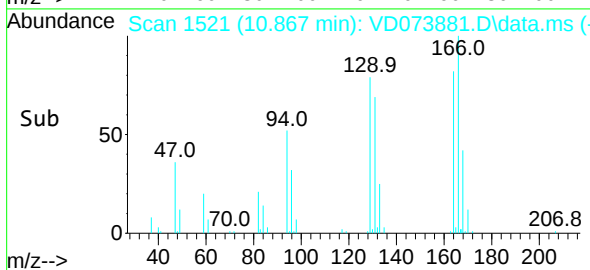
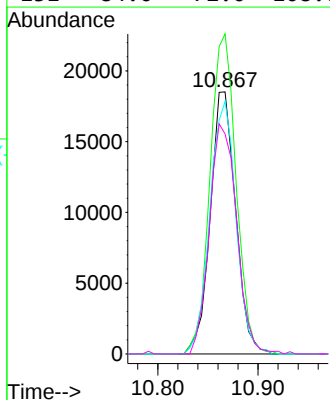
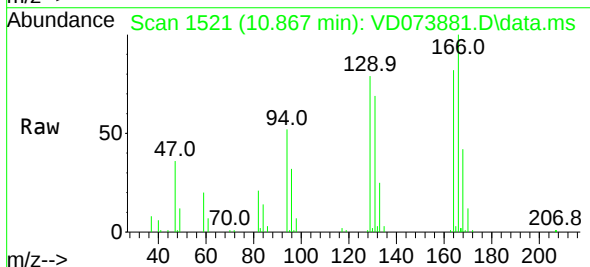
Manual Integrations
APPROVED

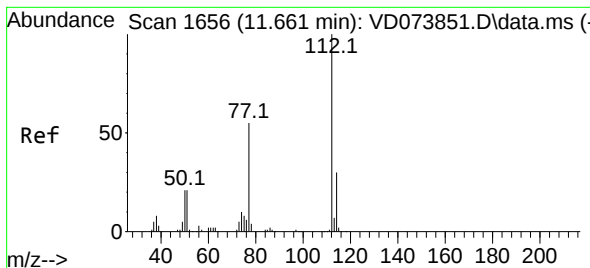
Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#64
Tetrachloroethene
Concen: 24.361 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

Tgt Ion:164 Resp: 32539
Ion Ratio Lower Upper
164 100
166 122.1 98.5 147.7
129 96.4 74.6 111.8
131 84.0 72.0 108.0





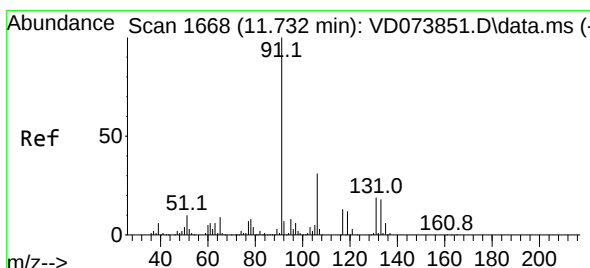
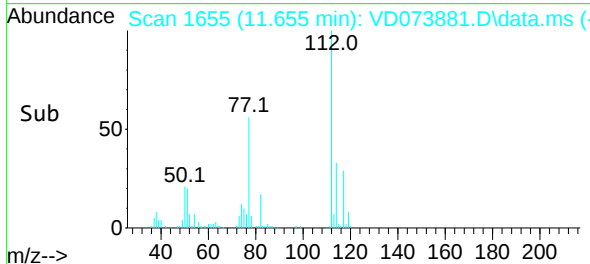
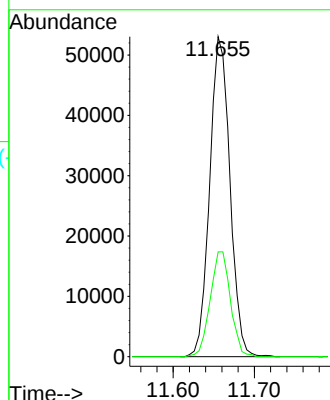
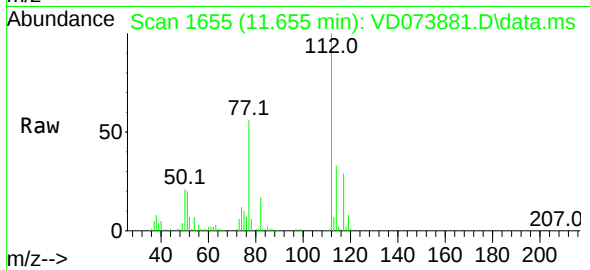
#65
Chlorobenzene
Concen: 22.259 ug/l
RT: 11.655 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

Tgt Ion:112 Resp: 9181
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6

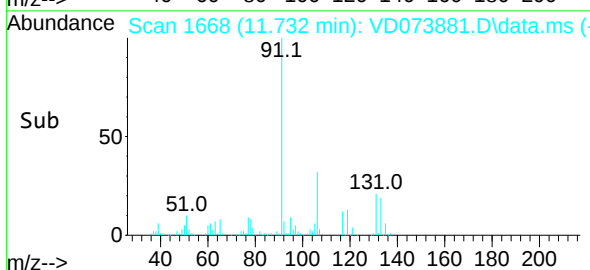
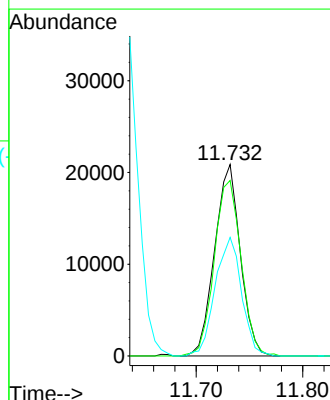
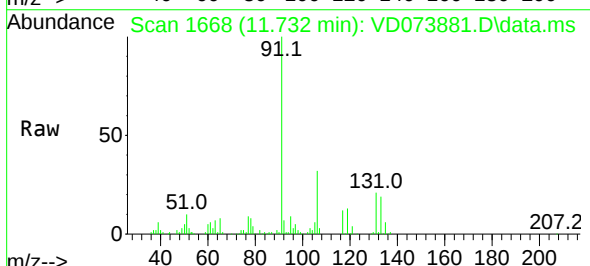
Manual Integrations
APPROVED

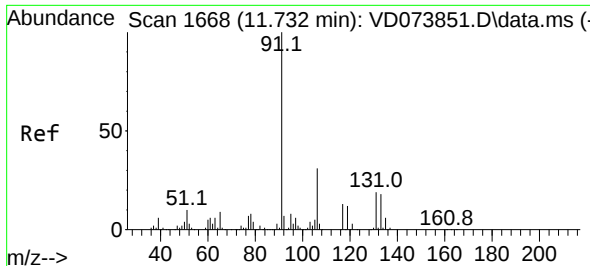
Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 22.272 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

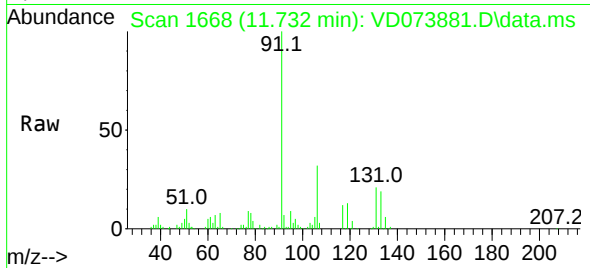
Tgt Ion:131 Resp: 34912
Ion Ratio Lower Upper
131 100
133 95.9 48.1 144.3
119 63.8 31.9 95.9





#67
Ethyl Benzene
Concen: 21.162 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

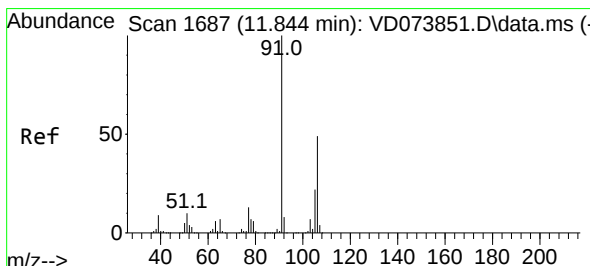
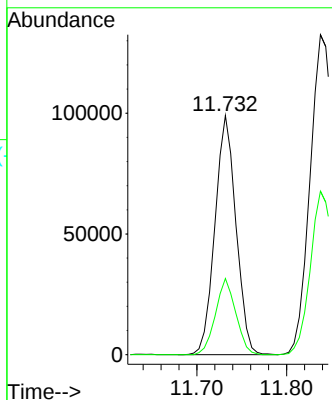
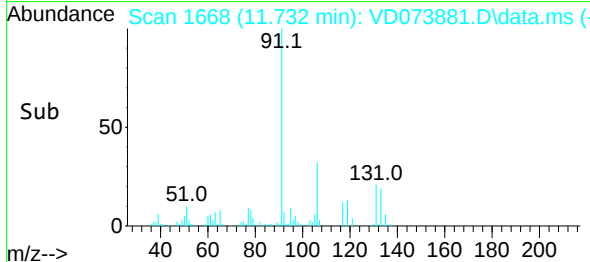
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02



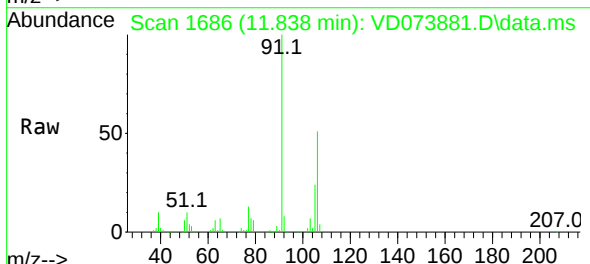
Tgt Ion: 91 Resp: 16116
Ion Ratio Lower Upper
91 100
106 31.9 24.2 36.4

Manual Integrations
APPROVED

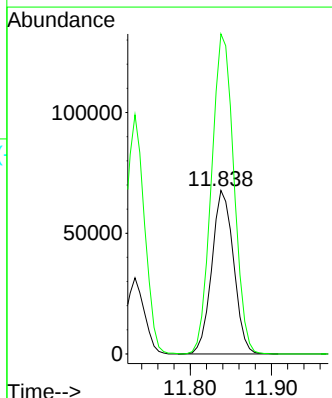
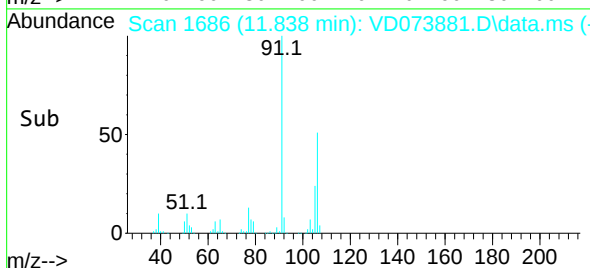
Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

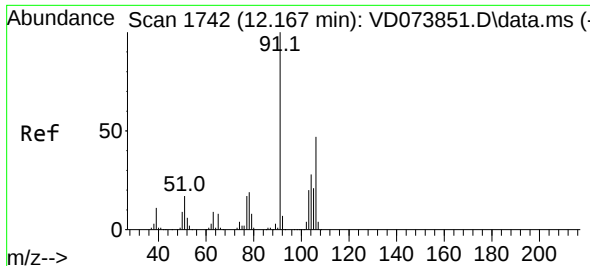


#68
m/p-Xylenes
Concen: 42.465 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02



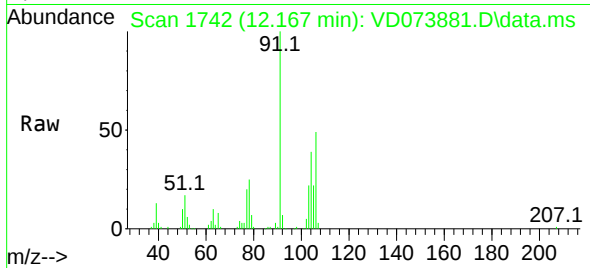
Tgt Ion:106 Resp: 126406
Ion Ratio Lower Upper
106 100
91 201.1 163.7 245.5





#69
o-Xylene
Concen: 21.823 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

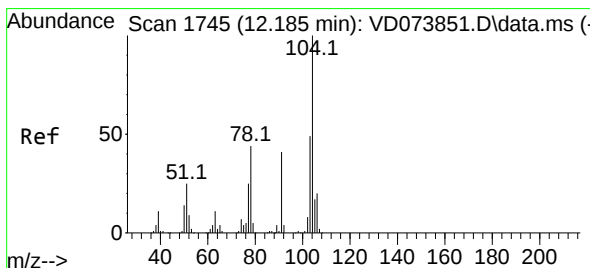
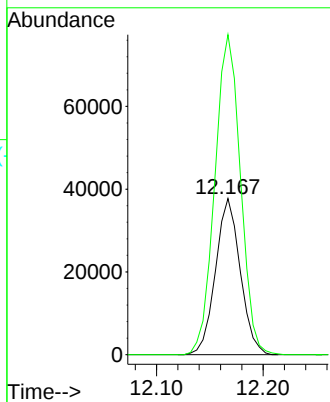
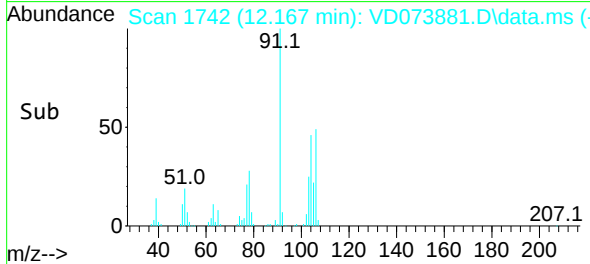
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02



Tgt Ion:106 Resp: 60819
Ion Ratio Lower Upper
106 100
91 212.3 110.4 331.2

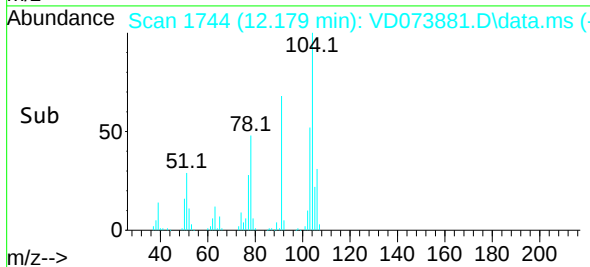
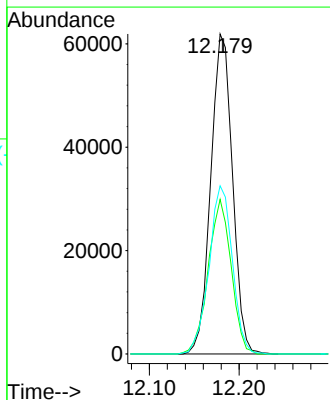
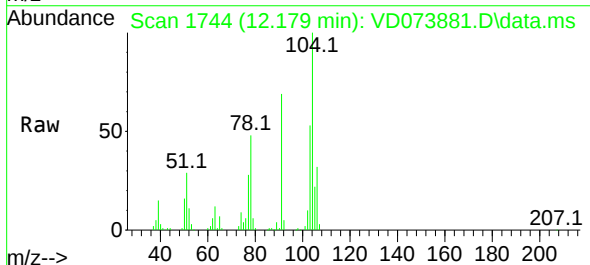
Manual Integrations
APPROVED

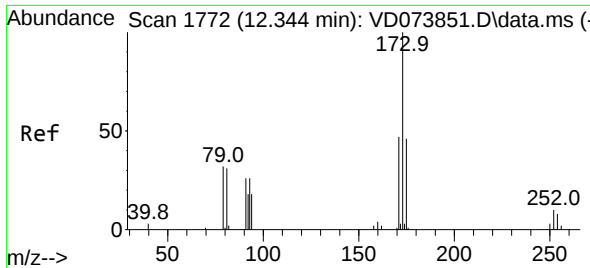
Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#70
Styrene
Concen: 21.853 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

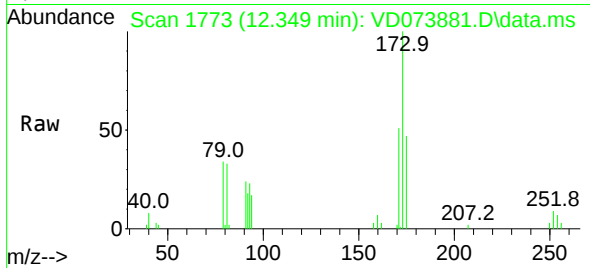
Tgt Ion:104 Resp: 104117
Ion Ratio Lower Upper
104 100
78 51.1 41.8 62.8
103 56.5 44.2 66.4





#71
Bromoform
Concen: 22.779 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

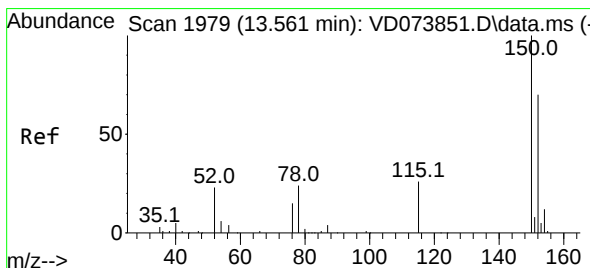
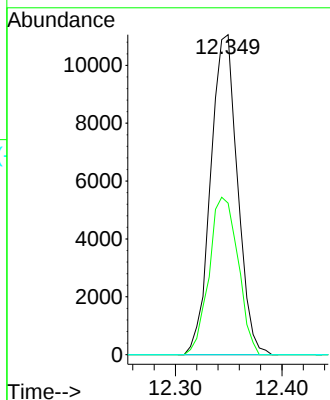
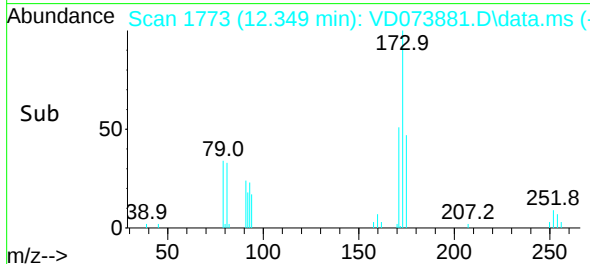
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02



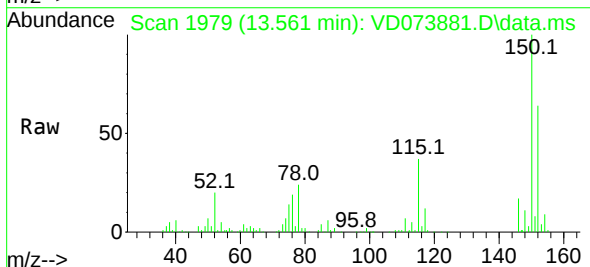
Tgt Ion:173 Resp: 1932
Ion Ratio Lower Upper
173 100
175 53.1 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

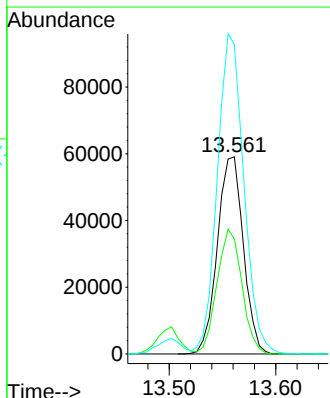
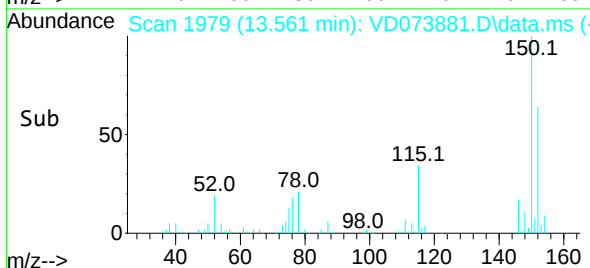
Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

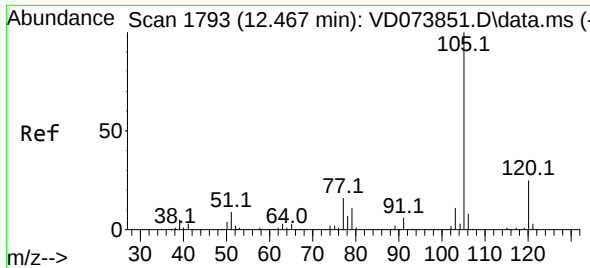


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02



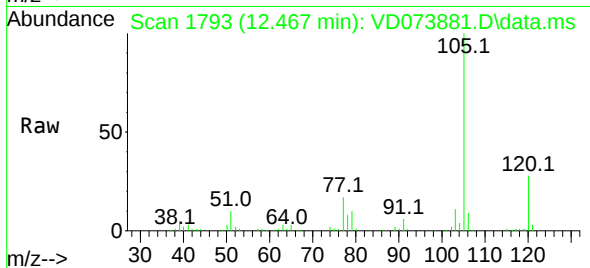
Tgt Ion:152 Resp: 99976
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 166.0 0.0 348.6





#73
Isopropylbenzene
Concen: 20.325 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

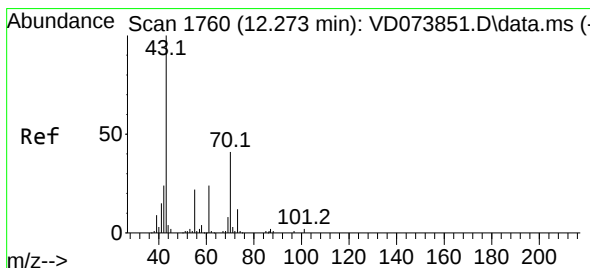
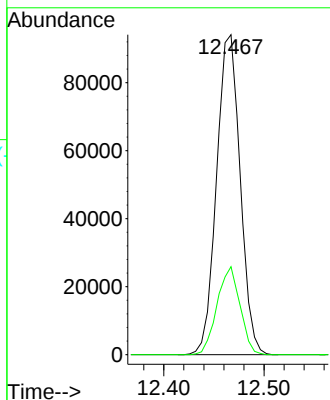
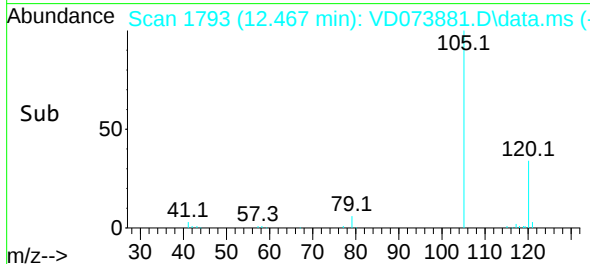
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBSD02



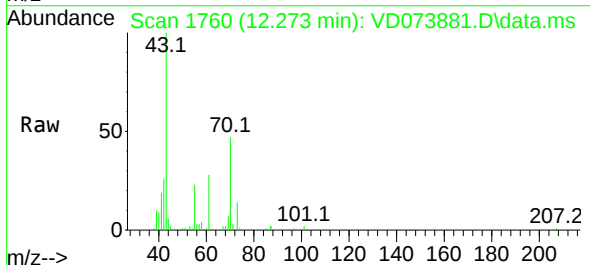
Tgt Ion:105 Resp: 153908
Ion Ratio Lower Upper
105 100
120 26.7 13.0 38.9

Manual Integrations
APPROVED

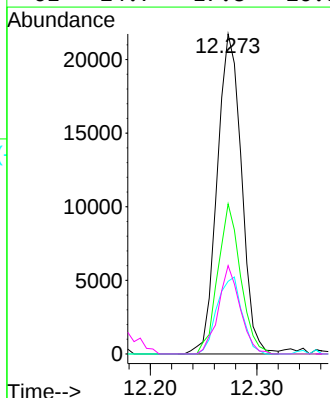
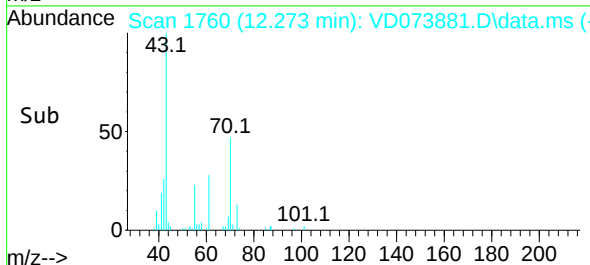
Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

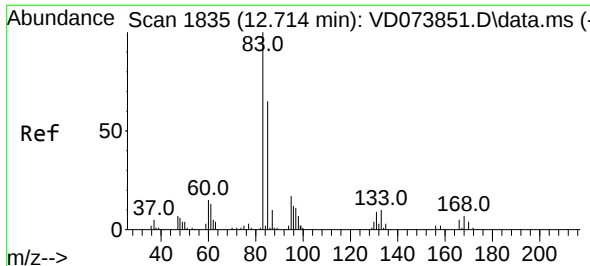


#74
N-ethyl acetate
Concen: 23.070 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02



Tgt Ion: 43 Resp: 34458
Ion Ratio Lower Upper
43 100
70 43.9 31.3 46.9
55 24.8 20.0 30.0
61 24.7 17.8 26.8





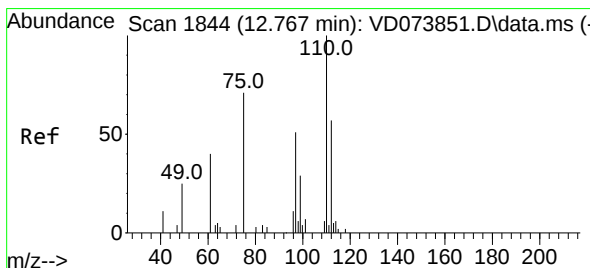
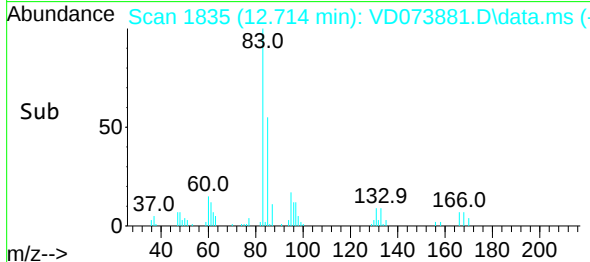
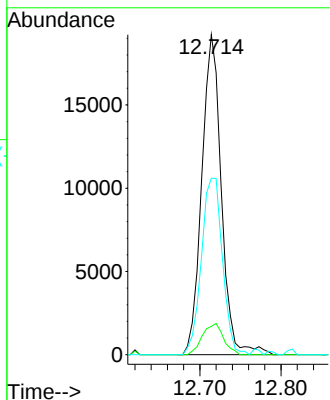
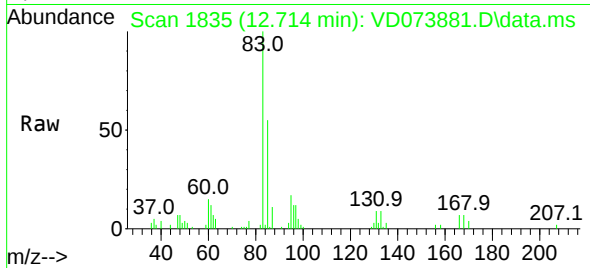
#75
1,1,2,2-Tetrachloroethane
Concen: 24.561 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

Tgt Ion: 83 Resp: 3214
Ion Ratio Lower Upper
83 100
131 10.5 5.0 14.9
85 59.4 32.6 98.0

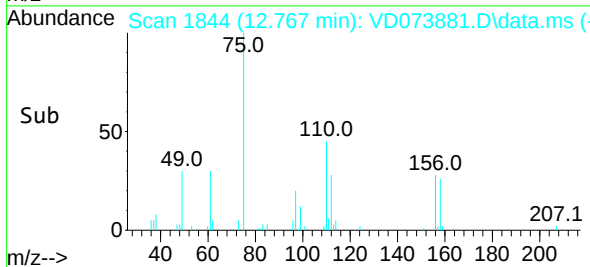
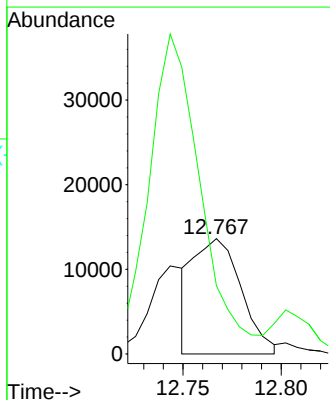
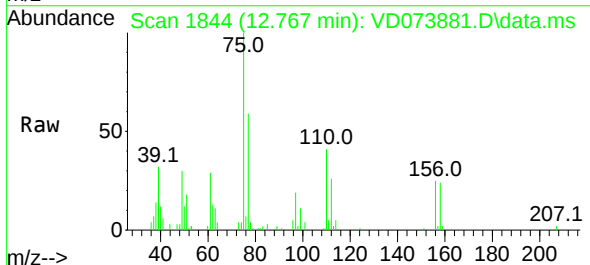
Manual Integrations
APPROVED

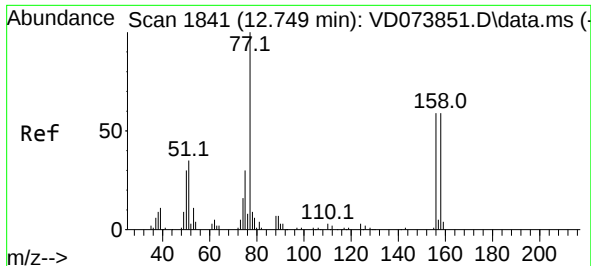
Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#76
1,2,3-Trichloropropane
Concen: 21.546 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

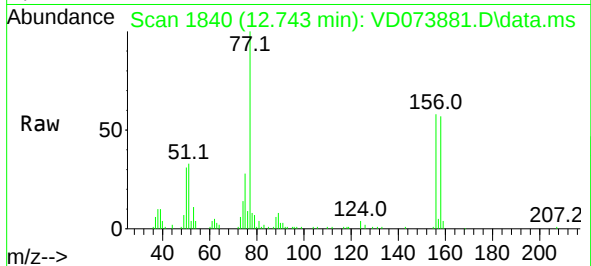
Tgt Ion: 75 Resp: 23112
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 21.942 ug/l
RT: 12.743 min Scan# 1840
Delta R.T. -0.006 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

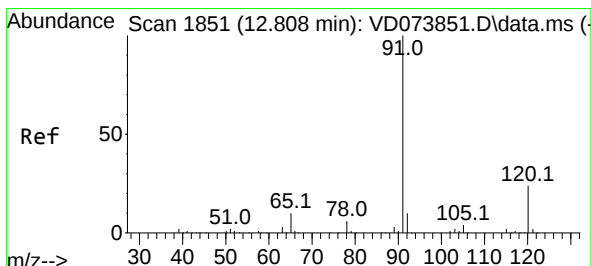
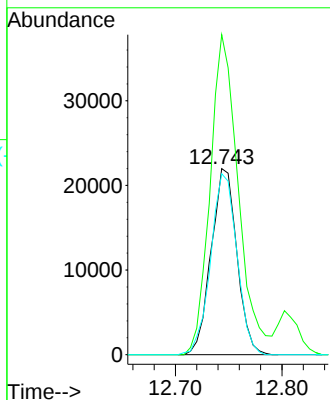
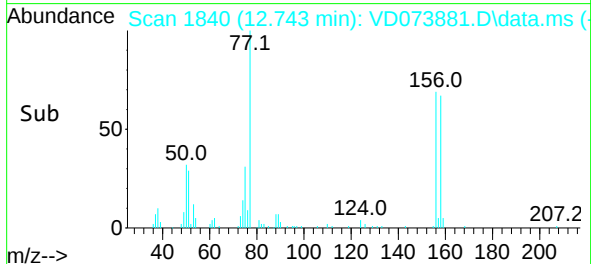
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02



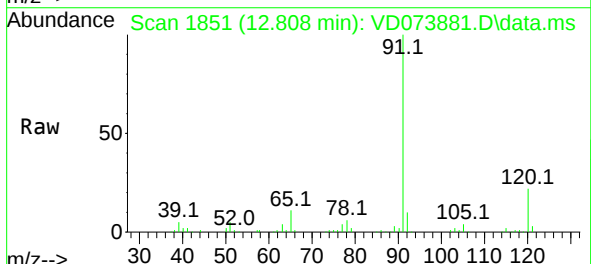
Tgt Ion:156 Resp: 36920
Ion Ratio Lower Upper
156 100
77 188.3 102.8 308.3
158 99.0 48.7 146.1

Manual Integrations
APPROVED

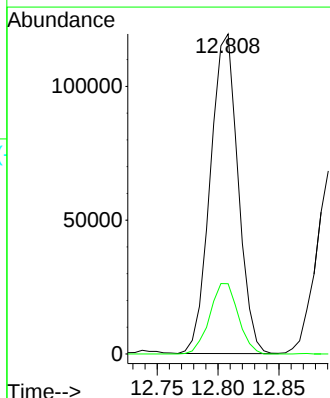
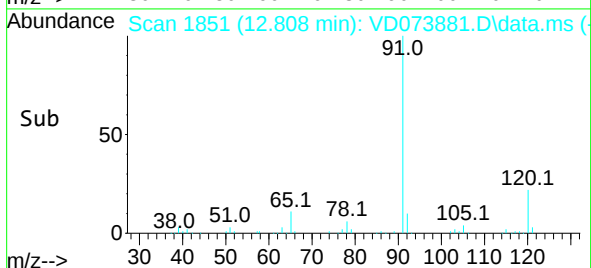
Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

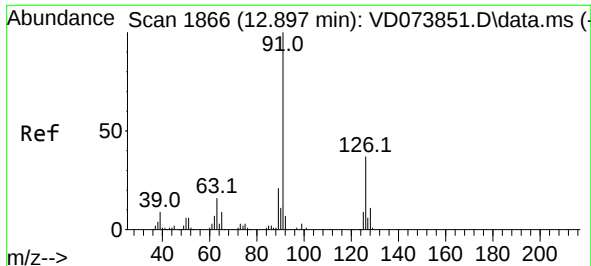


#78
n-propylbenzene
Concen: 20.502 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02



Tgt Ion: 91 Resp: 189387
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.9





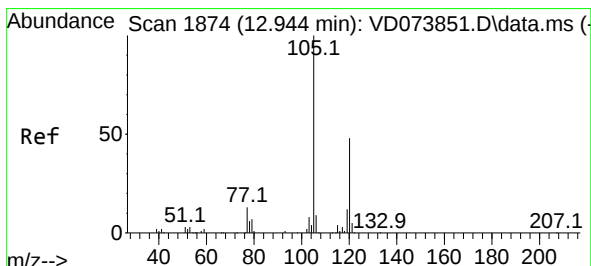
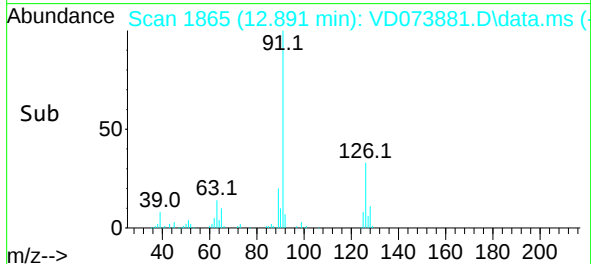
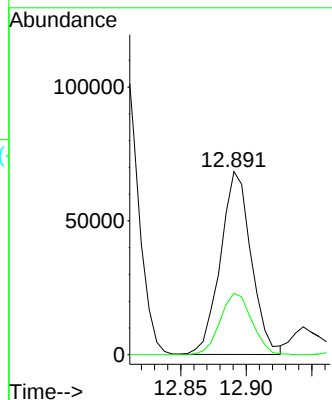
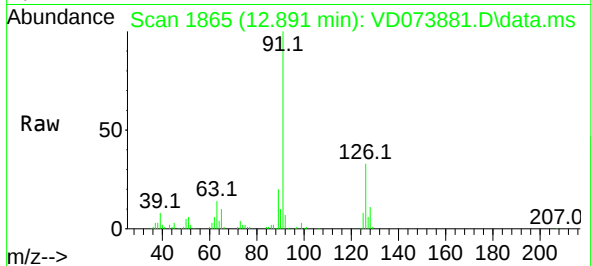
#79
2-Chlorotoluene
Concen: 21.545 ug/l
RT: 12.891 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

Tgt Ion: 91 Resp: 11164
Ion Ratio Lower Upper
91 100
126 34.4 16.2 48.6

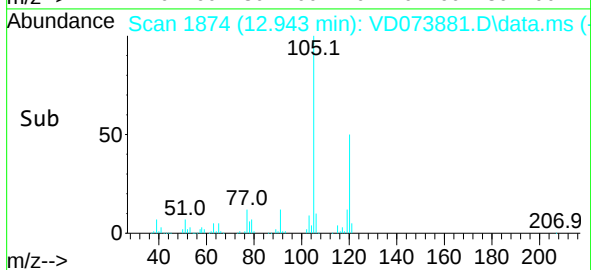
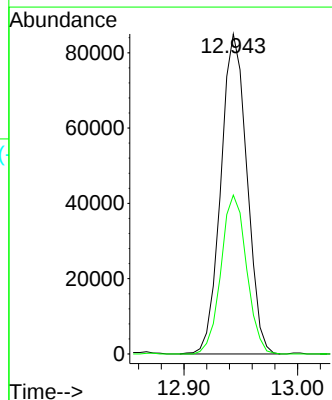
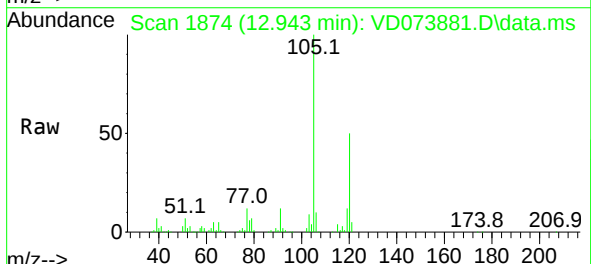
Manual Integrations
APPROVED

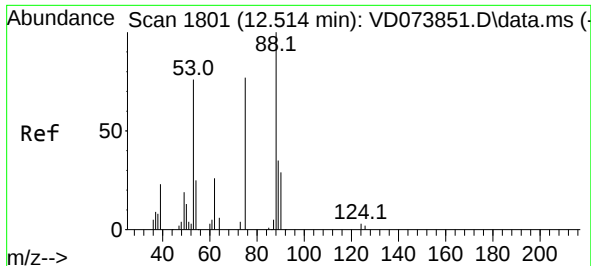
Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 21.230 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

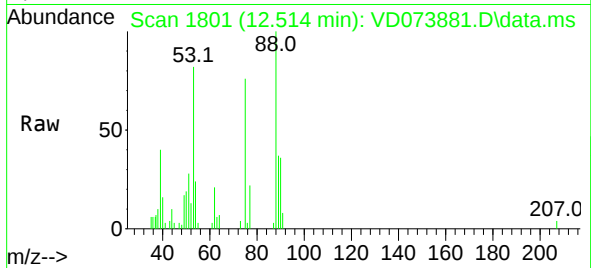
Tgt Ion:105 Resp: 135513
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 22.114 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

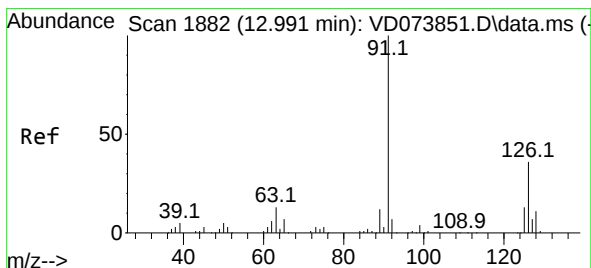
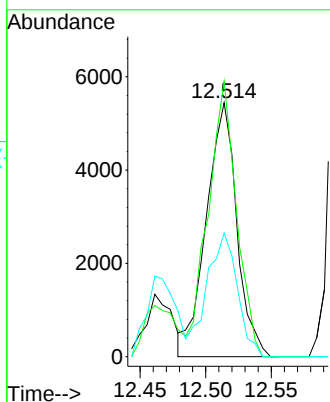
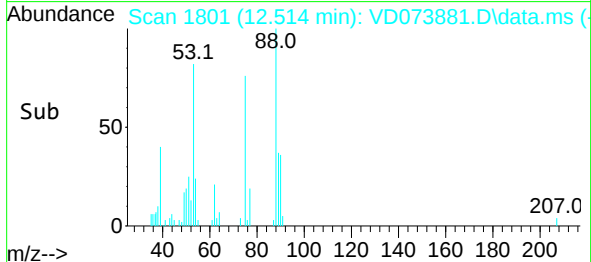
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02



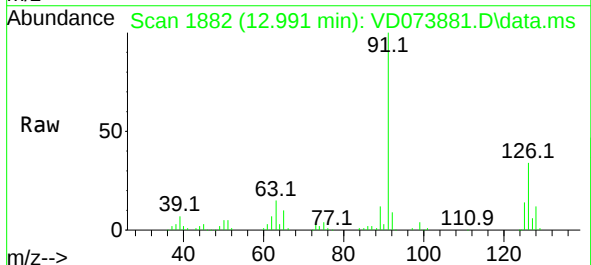
Tgt Ion: 75 Resp: 879
Ion Ratio Lower Upper
75 100
53 100.9 86.5 129.7
89 48.7 33.9 50.9

Manual Integrations
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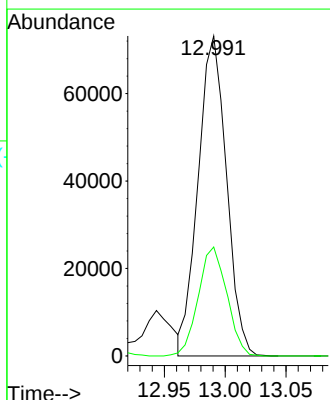
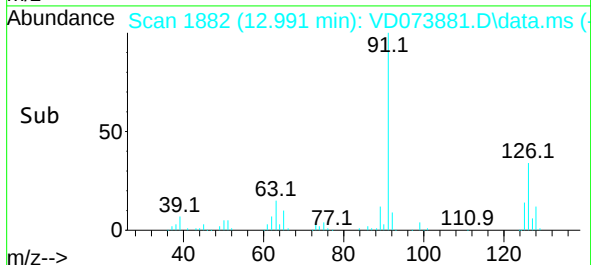
Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

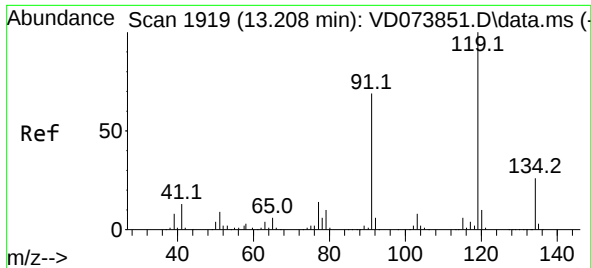


#82
4-Chlorotoluene
Concen: 21.621 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02



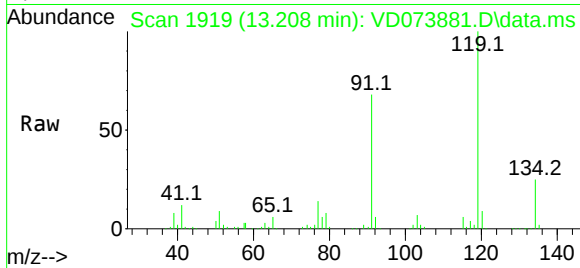
Tgt Ion: 91 Resp: 118489
Ion Ratio Lower Upper
91 100
126 34.3 16.5 49.5





#83
tert-Butylbenzene
Concen: 20.862 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

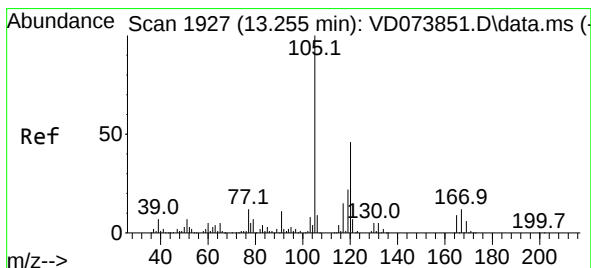
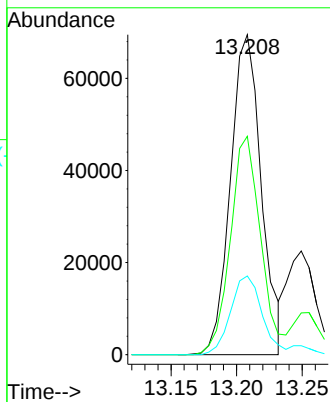
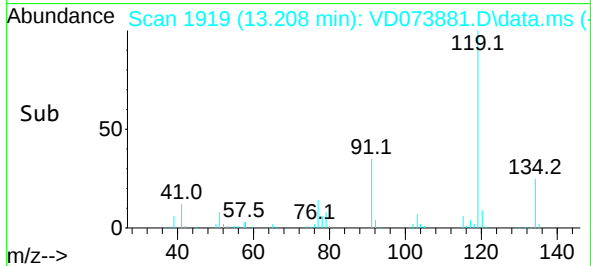
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBSD02



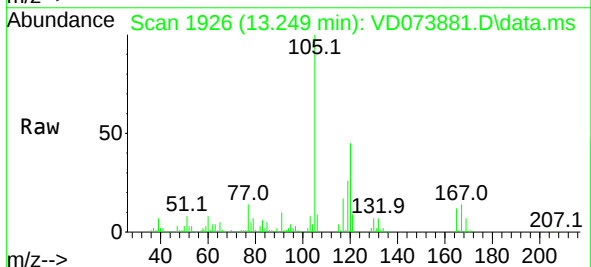
Tgt Ion:119 Resp: 11385
Ion Ratio Lower Upper
119 100
91 67.4 34.8 104.5
134 24.9 13.3 39.9

Manual Integrations
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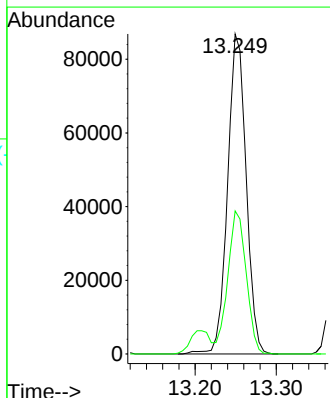
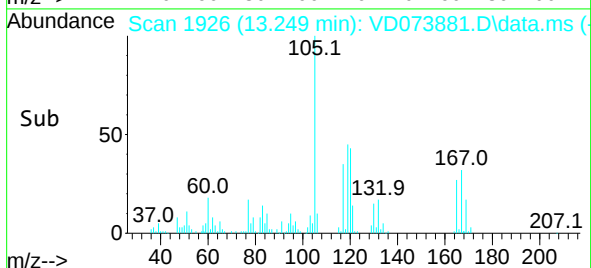
Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

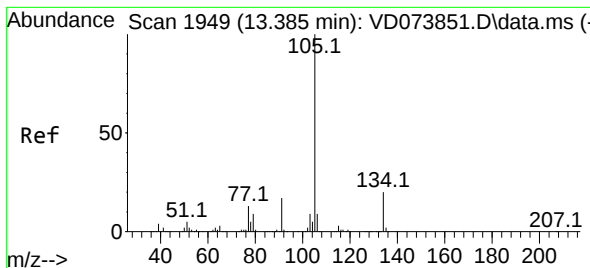


#84
1,2,4-Trimethylbenzene
Concen: 21.644 ug/l
RT: 13.249 min Scan# 1926
Delta R.T. -0.006 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02



Tgt Ion:105 Resp: 137605
Ion Ratio Lower Upper
105 100
120 44.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.560 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VD073881.D

Acq: 20 Jul 2022 16:02

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBS02

Tgt Ion:105 Resp: 169192

Ion Ratio Lower Upper

105 100

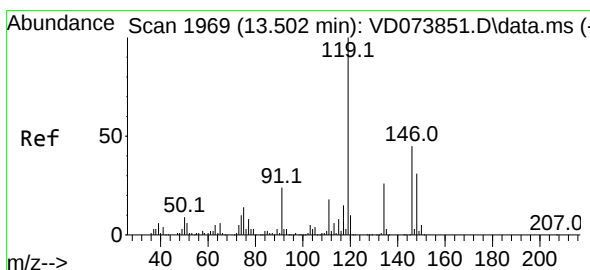
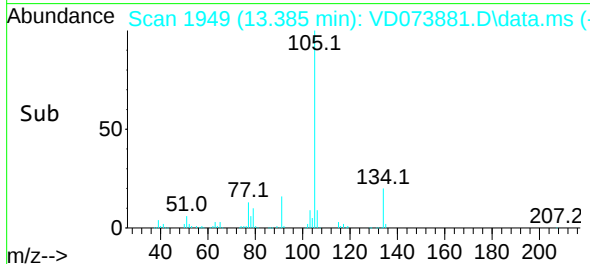
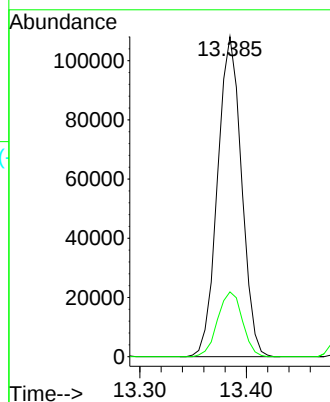
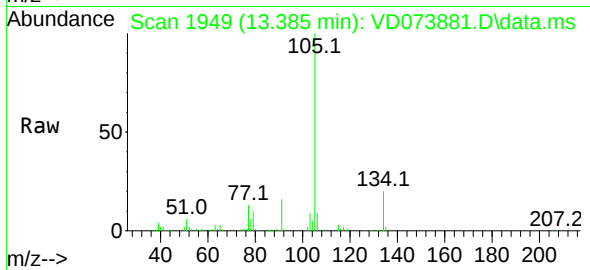
134 20.8 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#86

p-Isopropyltoluene

Concen: 20.550 ug/l

RT: 13.496 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD073881.D

Acq: 20 Jul 2022 16:02

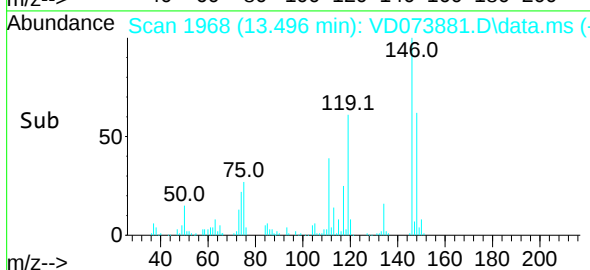
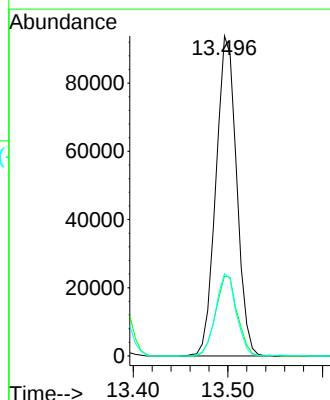
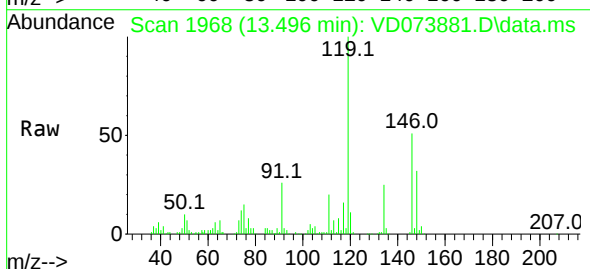
Tgt Ion:119 Resp: 142397

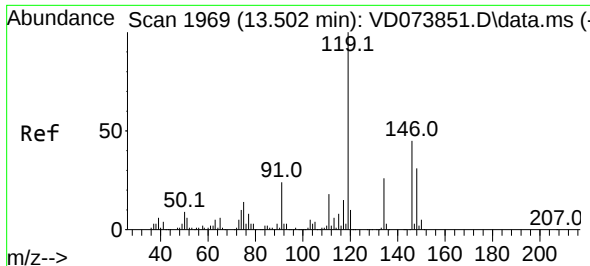
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.6

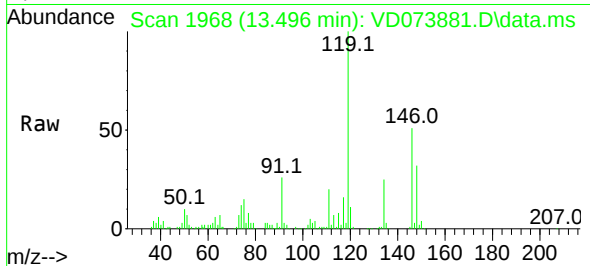
91 25.6 12.1 36.3





#87
 1,3-Dichlorobenzene
 Concen: 22.013 ug/l
 RT: 13.496 min Scan# 1968
 Delta R.T. -0.006 min
 Lab File: VD073881.D
 Acq: 20 Jul 2022 16:02

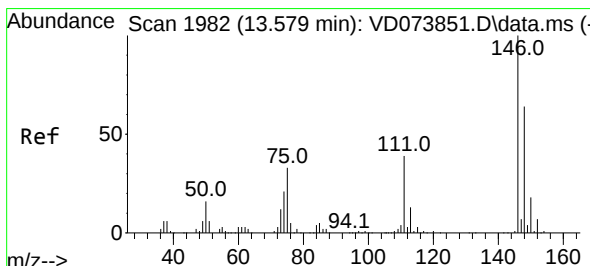
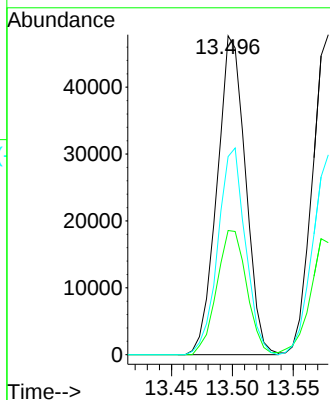
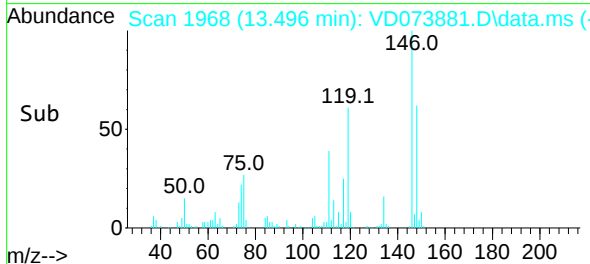
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0720SBS02



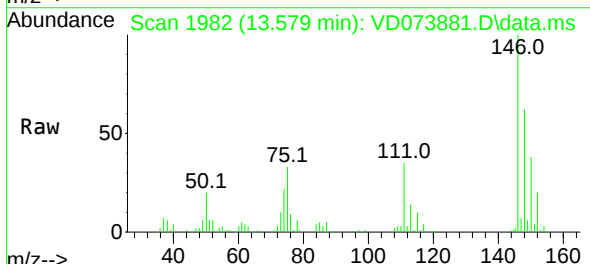
Tgt Ion:146 Resp: 77570
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.4 61.3
 148 62.7 31.9 95.7

Manual Integrations
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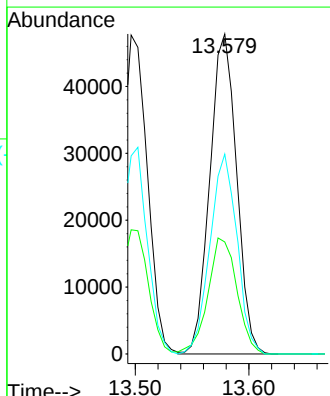
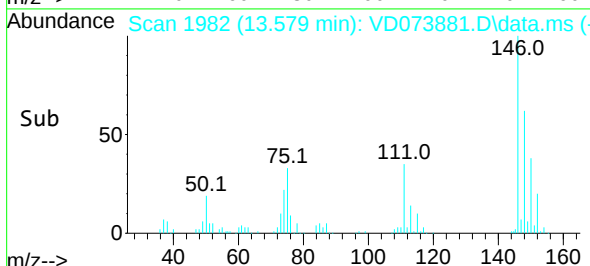
Reviewed By :Krupa Patel 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022

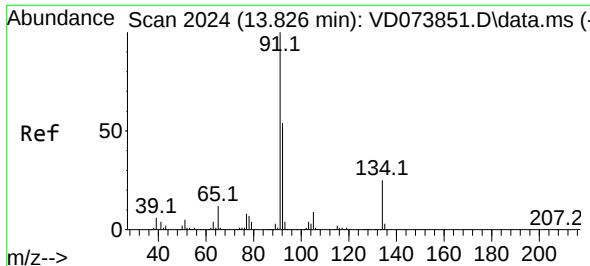


#88
 1,4-Dichlorobenzene
 Concen: 22.538 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VD073881.D
 Acq: 20 Jul 2022 16:02



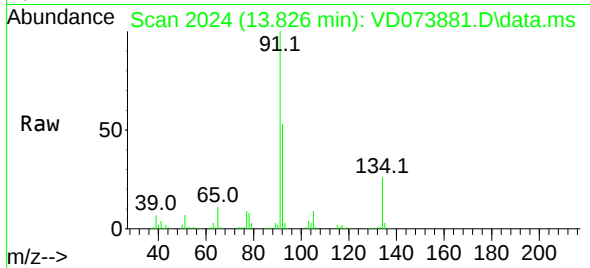
Tgt Ion:146 Resp: 78510
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.3 60.9
 148 63.1 31.7 95.1





#89
n-Butylbenzene
Concen: 20.374 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

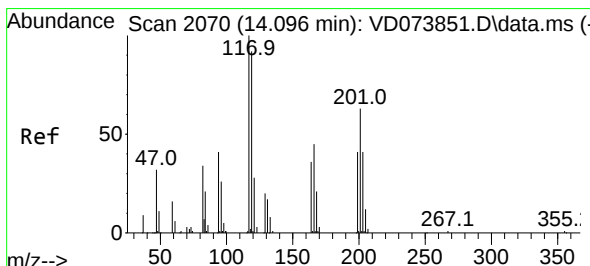
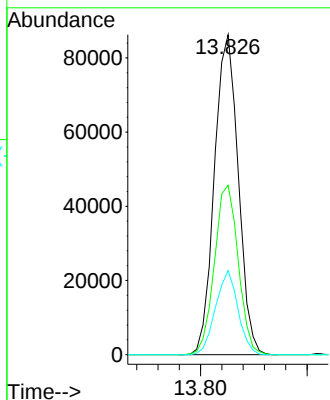
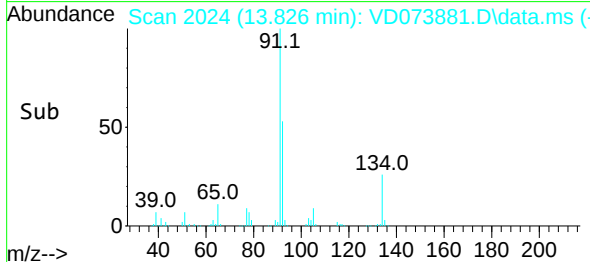
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02



Tgt Ion: 91 Resp: 13404
Ion Ratio Lower Upper
91 100
92 52.7 26.6 79.8
134 24.7 12.3 36.9

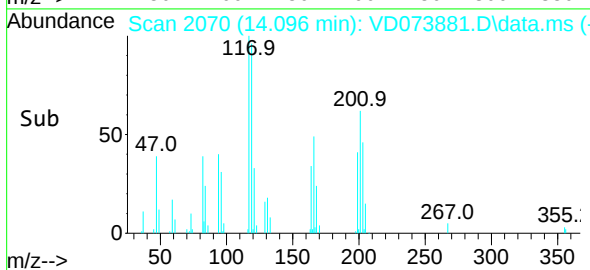
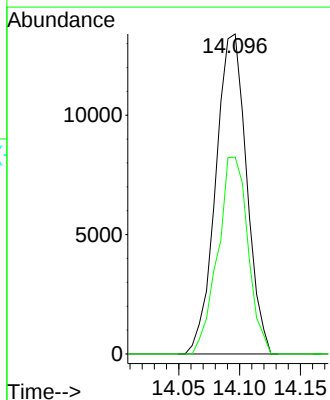
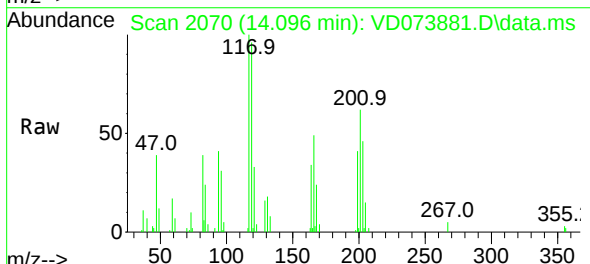
Manual Integrations
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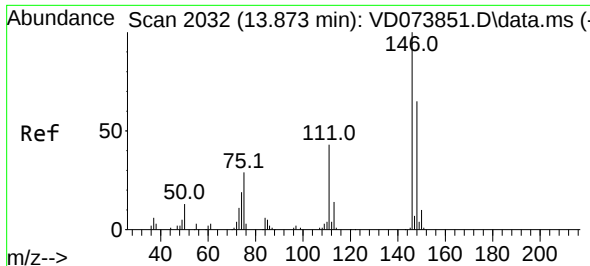
Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#90
Hexachloroethane
Concen: 17.259 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

Tgt Ion:117 Resp: 23632
Ion Ratio Lower Upper
117 100
201 60.0 33.4 100.2





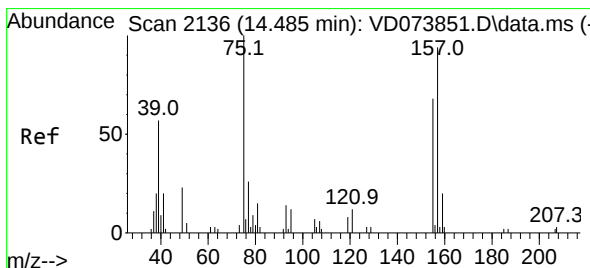
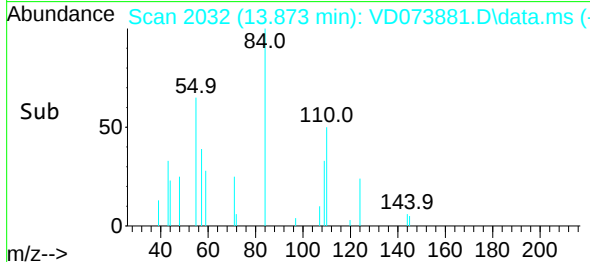
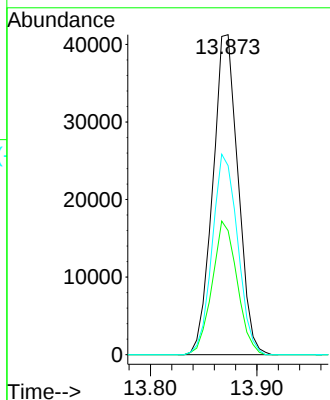
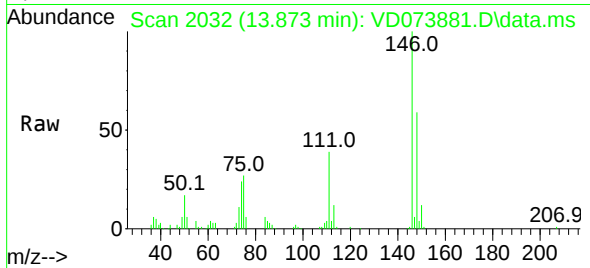
#91
1,2-Dichlorobenzene
Concen: 22.339 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

Instrument :
MSVOA_D
ClientSampleId :
VD0720SBS02

Tgt Ion:146 Resp: 6801
Ion Ratio Lower Upper
146 100
111 41.2 21.1 63.3
148 63.0 31.7 95.1

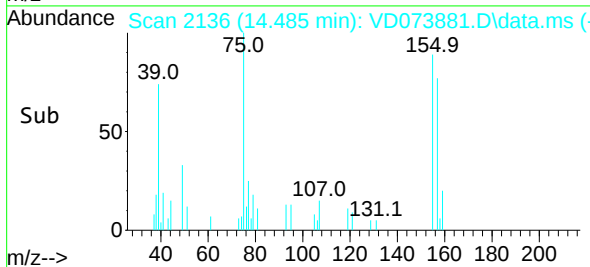
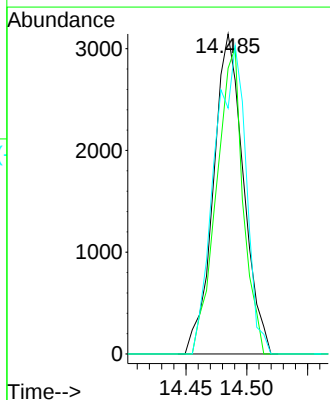
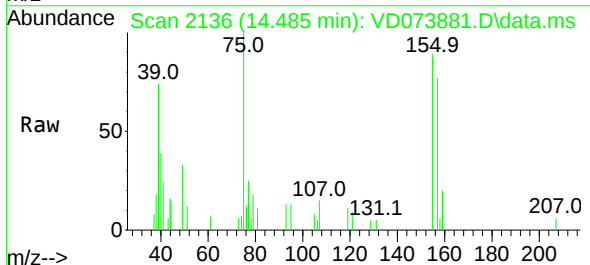
Manual Integrations
APPROVED

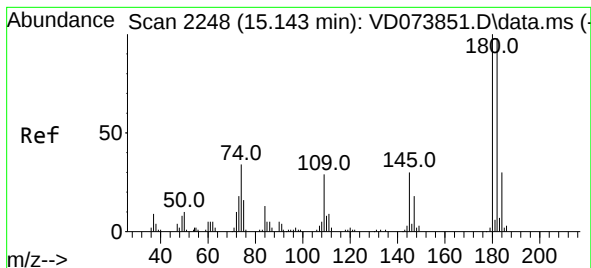
Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.616 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

Tgt Ion: 75 Resp: 5410
Ion Ratio Lower Upper
75 100
155 84.6 36.8 110.3
157 100.2 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 21.681 ug/l

RT: 15.137 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD073881.D

Acq: 20 Jul 2022 16:02

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBS02

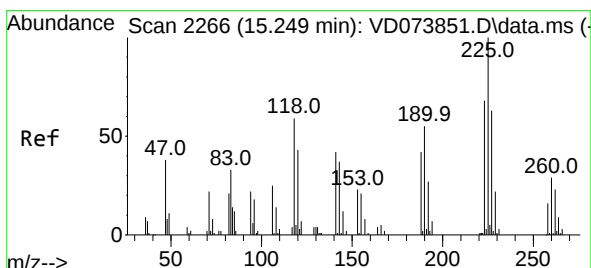
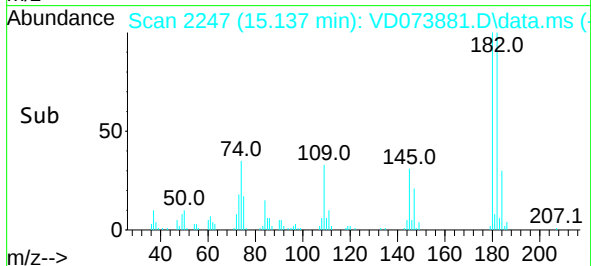
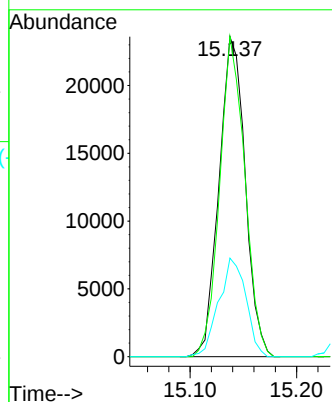
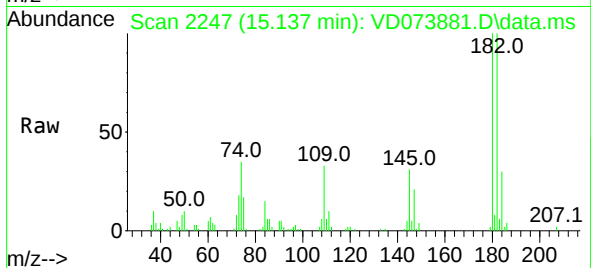
Tgt Ion:	180	Resp:	4030
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.3	142.0
145	31.9	16.2	48.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#94

Hexachlorobutadiene

Concen: 20.494 ug/l

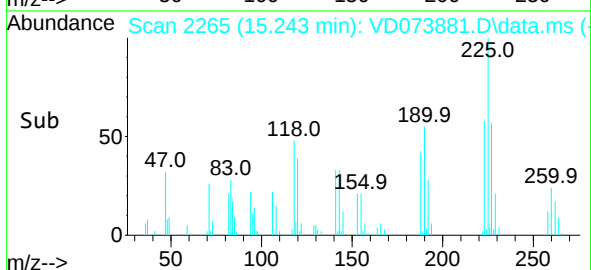
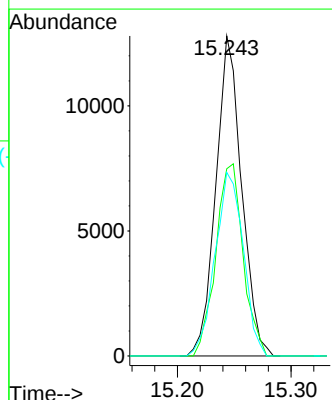
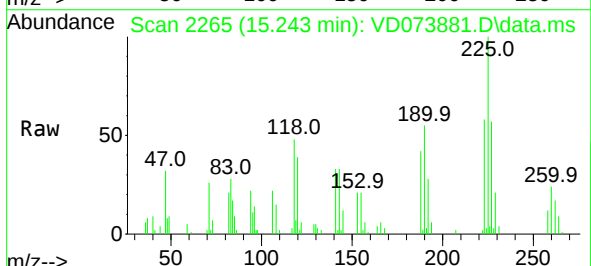
RT: 15.243 min Scan# 2265

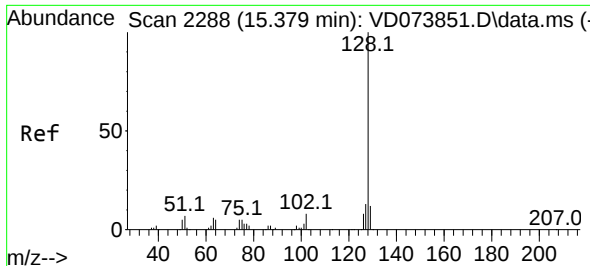
Delta R.T. -0.006 min

Lab File: VD073881.D

Acq: 20 Jul 2022 16:02

Tgt Ion:	225	Resp:	20188
Ion Ratio	Lower	Upper	
225	100		
223	63.5	31.1	93.2
227	62.6	32.4	97.0





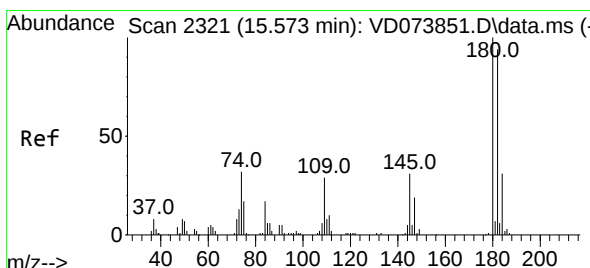
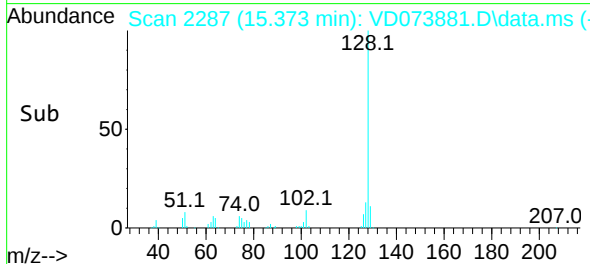
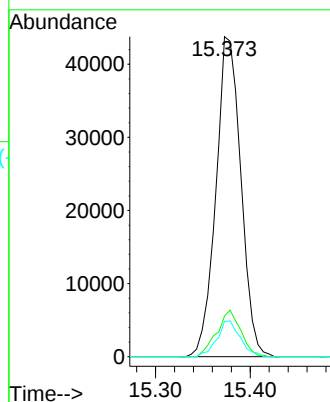
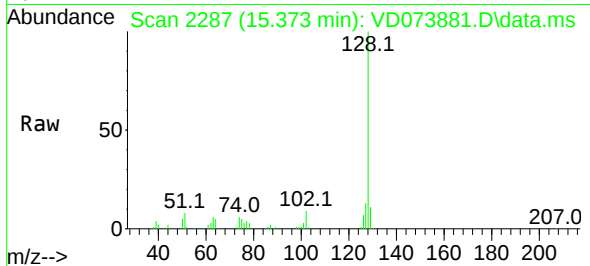
#95
Naphthalene
Concen: 23.998 ug/l
RT: 15.373 min Scan# 2128
Delta R.T. -0.006 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

Instrument :
MSVOA_D
ClientSampleId :
VD0720SBSD02

Tgt Ion:128 Resp: 80178
Ion Ratio Lower Upper
128 100
127 14.0 10.3 15.5
129 10.4 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 23.023 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD073881.D
Acq: 20 Jul 2022 16:02

Tgt Ion:180 Resp: 36385
Ion Ratio Lower Upper
180 100
182 95.3 47.6 142.9
145 32.7 17.1 51.3

