

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
 Data File : VY016528.D
 Acq On : 29 Nov 2023 09:33
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/30/2023
 Supervised By :Semsettin Yesilyurt 11/30/2023

Quant Time: Nov 30 03:06:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 02:51:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.826	168	175346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.722	114	264525	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.520	117	218423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.453	152	97558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	24741	17.860	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	35.720%#		
35) Dibromofluoromethane	7.759	113	30572	19.692	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	39.380%#		
50) Toluene-d8	10.209	98	120458	20.005	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	40.000%#		
62) 4-Bromofluorobenzene	12.508	95	35791	18.947	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	37.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.924	85	33309	21.807	ug/l	100
3) Chloromethane	2.138	50	32302	21.200	ug/l	96
4) Vinyl Chloride	2.278	62	36018	20.944	ug/l	94
5) Bromomethane	2.680	94	20655	18.554	ug/l	100
6) Chloroethane	2.827	64	22851	20.582	ug/l	97
7) Trichlorofluoromethane	3.162	101	61756	20.743	ug/l	98
8) Diethyl Ether	3.564	74	14631	18.502	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.942	101	34900	20.650	ug/l	99
10) Methyl Iodide	4.137	142	39053	20.425	ug/l	97
11) Tert butyl alcohol	4.991	59	7923	90.236	ug/l #	89
12) 1,1-Dichloroethene	3.918	96	32160	20.361	ug/l #	77
13) Acrolein	3.765	56	13156	79.073	ug/l	96
14) Allyl chloride	4.527	41	36385	20.038	ug/l #	88
15) Acrylonitrile	5.216	53	23514	84.032	ug/l	97
16) Acetone	3.979	43	23965	88.256	ug/l #	87
17) Carbon Disulfide	4.235	76	91753	20.590	ug/l	98
18) Methyl Acetate	4.515	43	17267	16.839	ug/l #	82
19) Methyl tert-butyl Ether	5.271	73	62254	18.086	ug/l	94
20) Methylene Chloride	4.771	84	33255	18.854	ug/l #	80
21) trans-1,2-Dichloroethene	5.271	96	36350	20.663	ug/l	86
22) Diisopropyl ether	6.161	45	76226	20.020	ug/l #	86
23) Vinyl Acetate	6.106	43	161895	92.205	ug/l #	86
24) 1,1-Dichloroethane	6.064	63	54603	20.321	ug/l #	93
25) 2-Butanone	7.027	43	35392	94.692	ug/l #	86
26) 2,2-Dichloropropane	7.027	77	54217	20.415	ug/l	94
27) cis-1,2-Dichloroethene	7.027	96	37108	19.634	ug/l	88
28) Bromochloromethane	7.375	49	18092	18.630	ug/l #	69
29) Tetrahydrofuran	7.393	42	17439	86.852	ug/l #	79
30) Chloroform	7.545	83	59941	20.014	ug/l	94
31) Cyclohexane	7.826	56	50546	20.784	ug/l #	78
32) 1,1,1-Trichloroethane	7.740	97	59453	20.485	ug/l	95
36) 1,1-Dichloropropene	7.960	75	49024	21.383	ug/l	97
37) Ethyl Acetate	7.112	43	13281	18.483	ug/l #	88
38) Carbon Tetrachloride	7.941	117	56638	21.048	ug/l	97
39) Methylcyclohexane	9.216	83	59253	20.721	ug/l	88
40) Benzene	8.198	78	134424	20.680	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	6379m	16.059	ug/l	
42) 1,2-Dichloroethane	8.271	62	30816	19.130	ug/l	92
43) Isopropyl Acetate	8.307	43	24980	17.679	ug/l #	80
44) Trichloroethene	8.972	130	41181	20.568	ug/l	93
45) 1,2-Dichloropropane	9.246	63	29620	20.194	ug/l	97
46) Dibromomethane	9.338	93	15508	18.803	ug/l	98
47) Bromodichloromethane	9.527	83	42395	19.469	ug/l	98
48) Methyl methacrylate	9.325	41	13949	17.584	ug/l #	78
49) 1,4-Dioxane	9.331	88	2672	349.853	ug/l #	72
51) 4-Methyl-2-Pentanone	10.100	43	66429	90.119	ug/l #	86
52) Toluene	10.270	92	86676	20.757	ug/l	94
53) t-1,3-Dichloropropene	10.496	75	37444	18.556	ug/l	100
54) cis-1,3-Dichloropropene	9.959	75	46819	19.147	ug/l #	83
55) 1,1,2-Trichloroethane	10.673	97	22118	18.584	ug/l	94
56) Ethyl methacrylate	10.539	69	18135	18.006	ug/l #	74
57) 1,3-Dichloropropane	10.819	76	36031	18.795	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.813	63	53450	85.821	ug/l #	86
59) 2-Hexanone	10.862	43	57762	99.204	ug/l	81
60) Dibromochloromethane	11.014	129	29137	18.730	ug/l	99
61) 1,2-Dibromoethane	11.118	107	20283	18.047	ug/l	100
64) Tetrachloroethene	10.752	164	41264	21.228	ug/l	95
65) Chlorobenzene	11.544	112	90613	20.715	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.618	131	33774	20.141	ug/l	99
67) Ethyl Benzene	11.618	91	160872	20.951	ug/l	98
68) m/p-Xylenes	11.727	106	125658	42.286	ug/l	93
69) o-Xylene	12.057	106	56709	20.787	ug/l	96
70) Styrene	12.069	104	80640	20.544	ug/l	97
71) Bromoform	12.233	173	15994	18.466	ug/l #	98
73) Isopropylbenzene	12.355	105	161625	21.846	ug/l	99
74) N-amyl acetate	12.166	43	19350	18.520	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.605	83	21206	19.309	ug/l	100
76) 1,2,3-Trichloropropane	12.660	75	16462m	20.031	ug/l	
77) Bromobenzene	12.636	156	34724	20.157	ug/l	88
78) n-propylbenzene	12.697	91	185279	21.890	ug/l	98
79) 2-Chlorotoluene	12.782	91	100573	21.364	ug/l	96
80) 1,3,5-Trimethylbenzene	12.837	105	129006	21.692	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.404	75	7088	18.872	ug/l	86
82) 4-Chlorotoluene	12.880	91	102093	21.122	ug/l	96
83) tert-Butylbenzene	13.099	119	114886	21.405	ug/l	96
84) 1,2,4-Trimethylbenzene	13.142	105	123880	21.395	ug/l	98
85) sec-Butylbenzene	13.276	105	162460	21.886	ug/l	99
86) p-Isopropyltoluene	13.392	119	139545	21.758	ug/l	98
87) 1,3-Dichlorobenzene	13.392	146	66440	20.425	ug/l	100
88) 1,4-Dichlorobenzene	13.471	146	64840	20.366	ug/l	99
89) n-Butylbenzene	13.721	91	120540	21.442	ug/l	96
90) Hexachloroethane	13.983	117	26433	21.123	ug/l	95
91) 1,2-Dichlorobenzene	13.764	146	54735	19.855	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.379	75	2797	18.104	ug/l	86
93) 1,2,4-Trichlorobenzene	15.032	180	26961	18.288	ug/l	98
94) Hexachlorobutadiene	15.135	225	19429	20.350	ug/l	99
95) Naphthalene	15.263	128	39384	16.730	ug/l	99
96) 1,2,3-Trichlorobenzene	15.452	180	20519	17.779	ug/l	99

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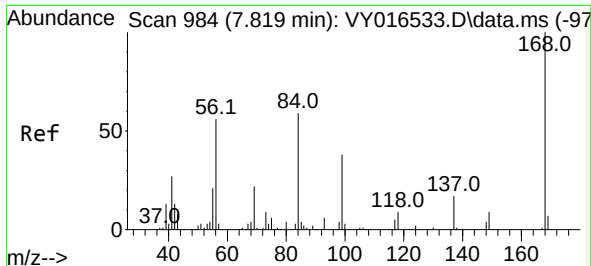
Manual Integrations
APPROVED

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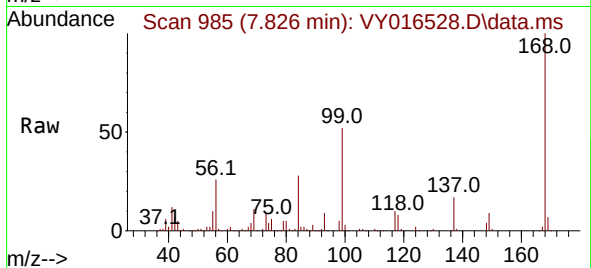
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.007 min
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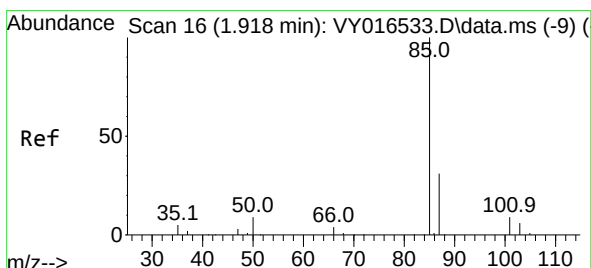
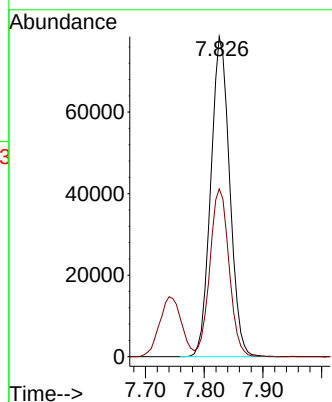
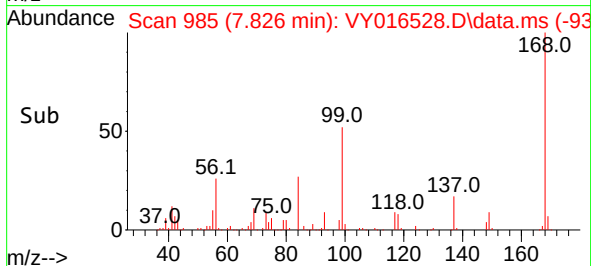
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 175340
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0

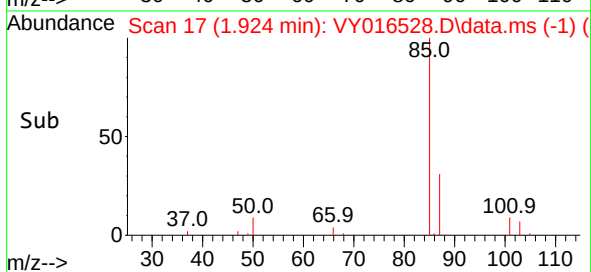
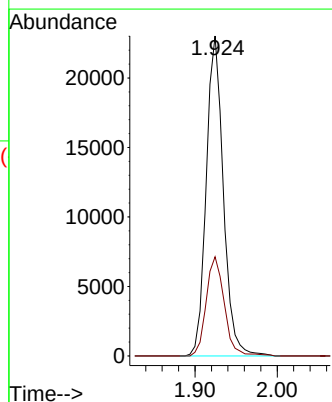
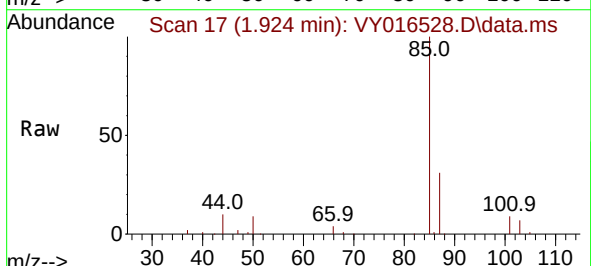
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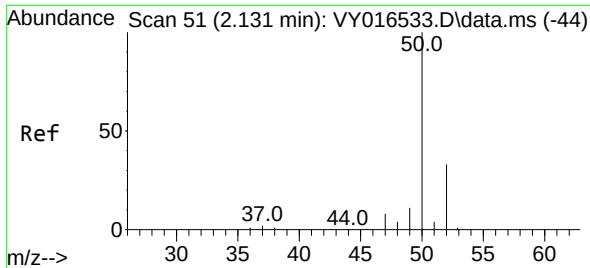
Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#2
Dichlorodifluoromethane
Concen: 21.807 ug/l
RT: 1.924 min Scan# 17
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion: 85 Resp: 33309
Ion Ratio Lower Upper
85 100
87 31.0 15.6 46.8





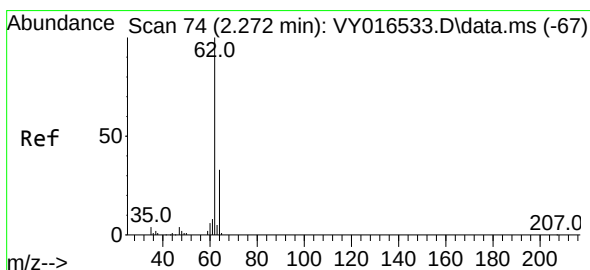
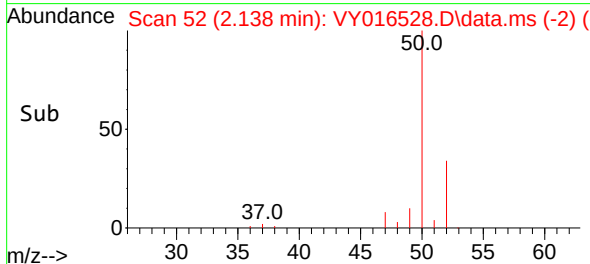
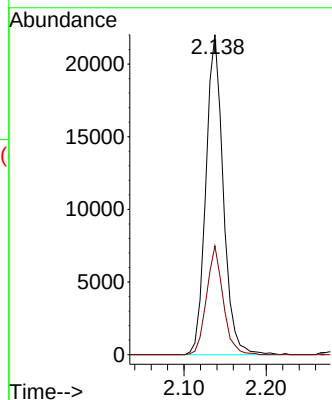
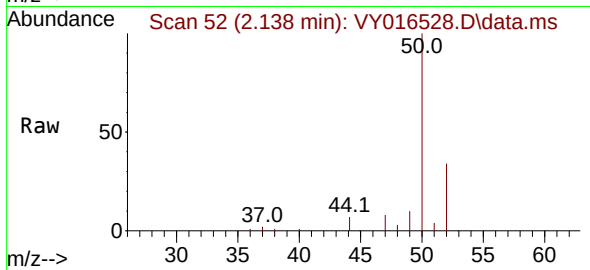
#3
Chloromethane
Concen: 21.200 ug/l
RT: 2.138 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016528.D
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Tgt Ion: 50 Resp: 3230
Ion Ratio Lower Upper
50 100
52 34.0 25.4 38.2

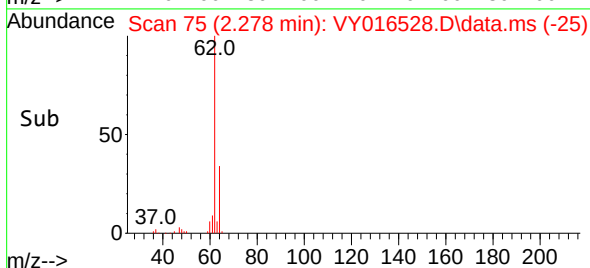
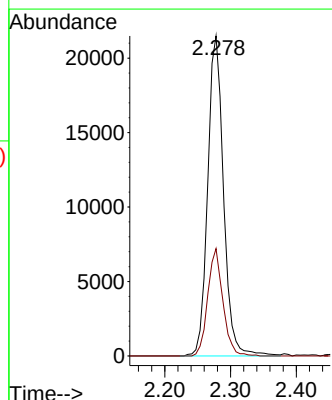
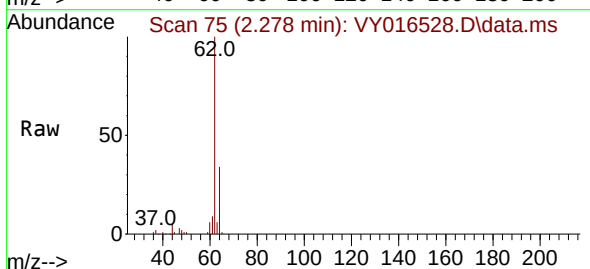
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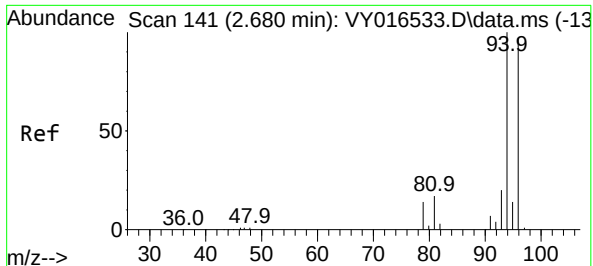
Reviewed By :Mahesh Dadoda 11/30/2023
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#4
Vinyl Chloride
Concen: 20.944 ug/l
RT: 2.278 min Scan# 75
Delta R.T. 0.006 min
Lab File: VY016528.D
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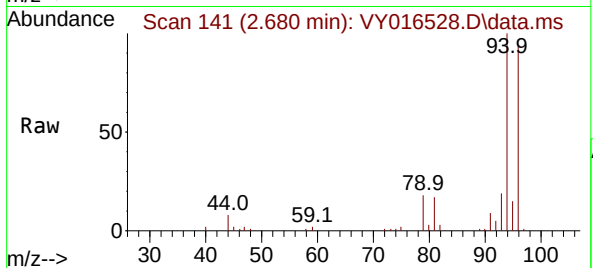
Tgt Ion: 62 Resp: 36018
Ion Ratio Lower Upper
62 100
64 33.5 24.3 36.5





#5
Bromomethane
Concen: 18.554 ug/l
RT: 2.680 min Scan# 141
Delta R.T. 0.000 min
Lab File: VY016528.D
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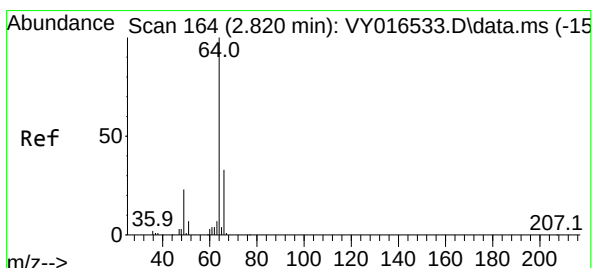
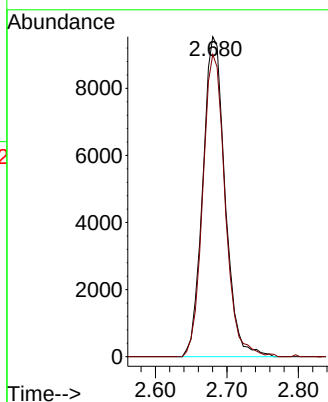
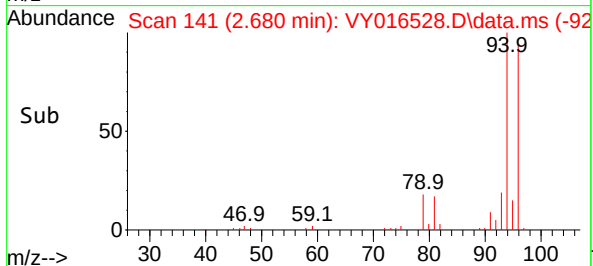
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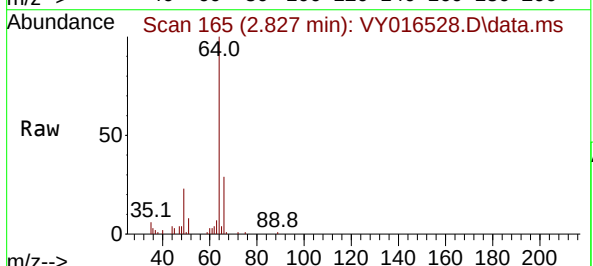
Tgt Ion: 94 Resp: 2065
Ion Ratio Lower Upper
94 100
96 94.5 75.8 113.6

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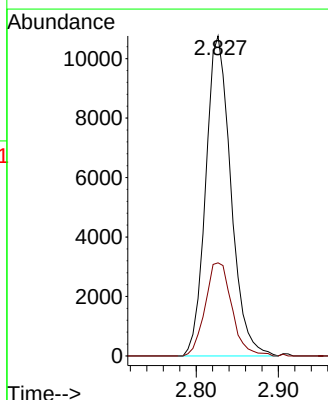
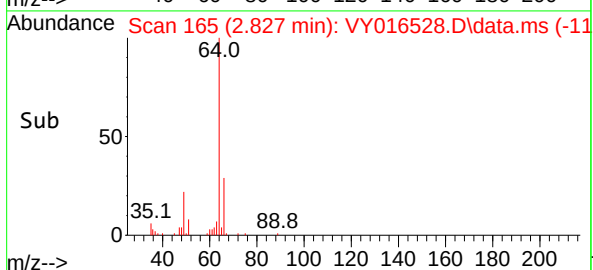
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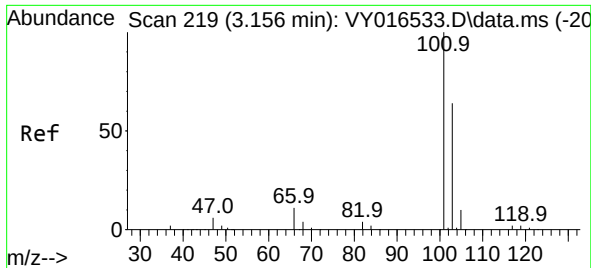


#6
Chloroethane
Concen: 20.582 ug/l
RT: 2.827 min Scan# 165
Delta R.T. 0.006 min
Lab File: VY016528.D
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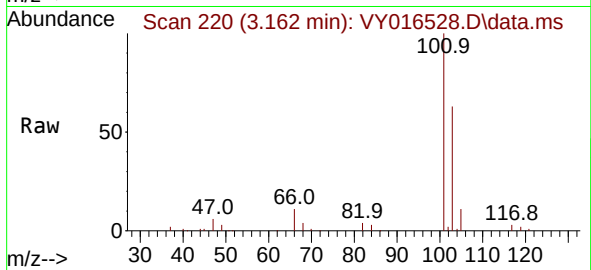
Tgt Ion: 64 Resp: 22851
Ion Ratio Lower Upper
64 100
66 29.1 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 20.743 ug/l
 RT: 3.162 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: VY016528.D
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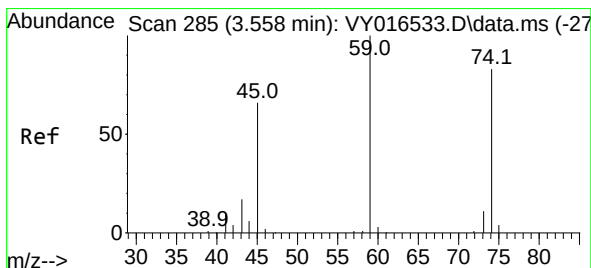
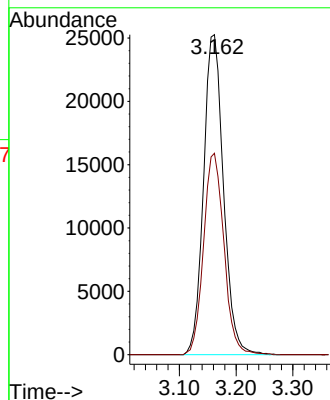
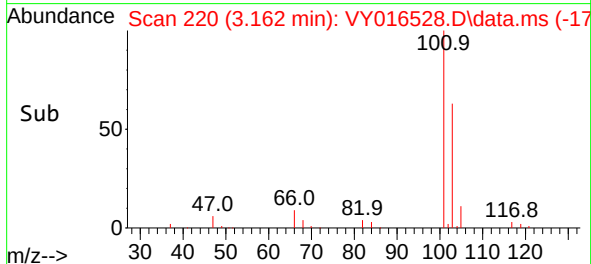
Instrument :
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 VSTDIC020



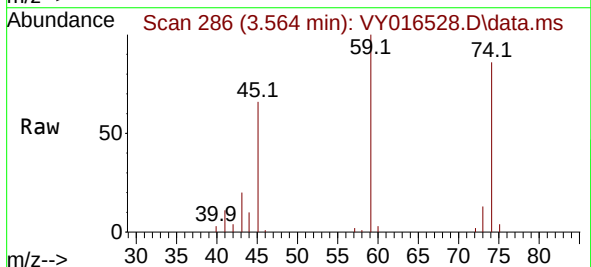
Tgt Ion:101 Resp: 61750
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.4 77.0

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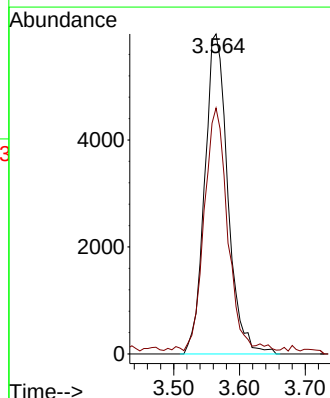
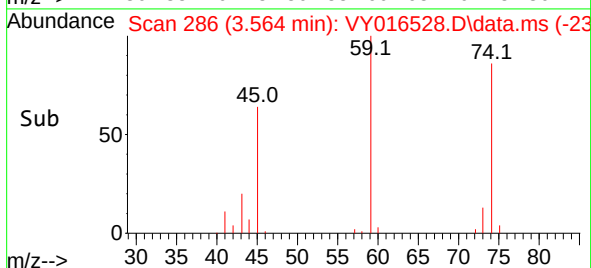
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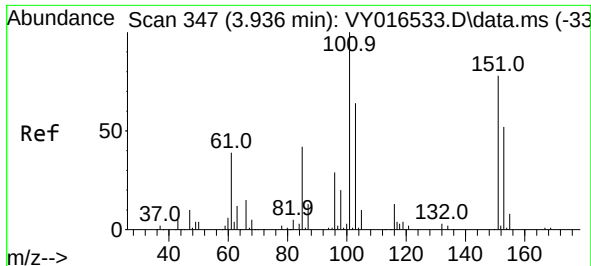


#8
 Diethyl Ether
 Concen: 18.502 ug/l
 RT: 3.564 min Scan# 286
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 14631
 Ion Ratio Lower Upper
 74 100
 45 75.9 51.5 154.5





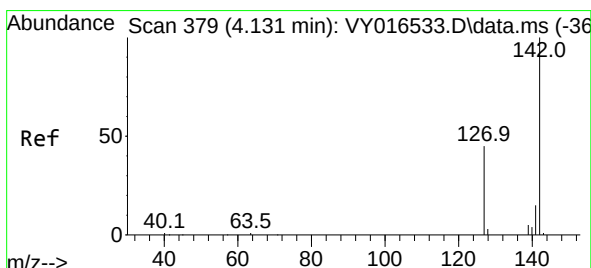
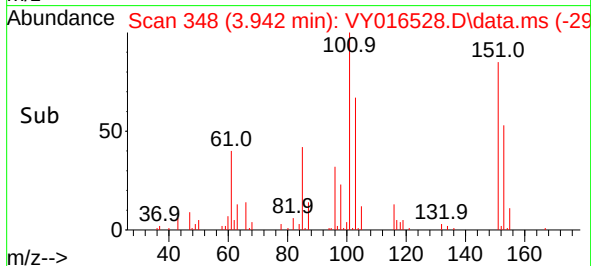
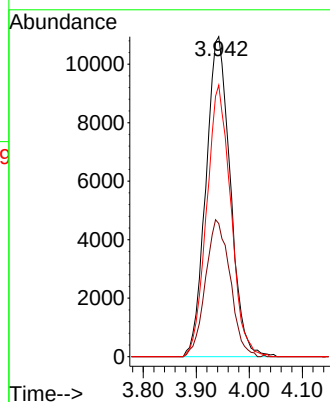
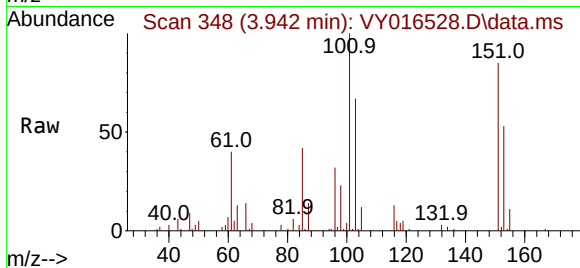
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.650 ug/l
RT: 3.942 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 34900
Ion Ratio Lower Upper
101 100
85 43.3 36.6 55.0
151 84.0 67.0 100.6

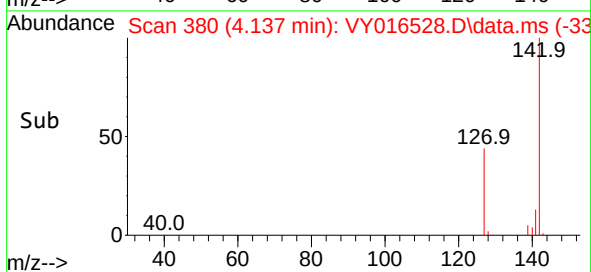
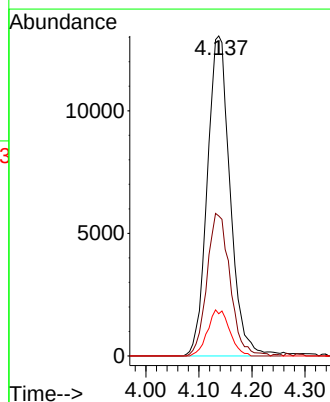
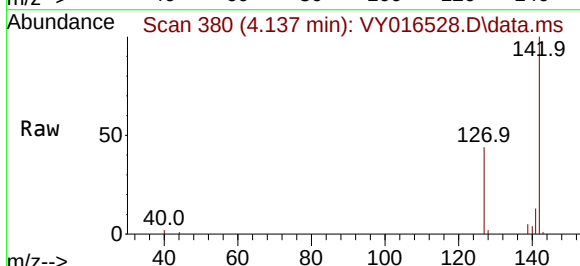
Manual Integrations
APPROVED

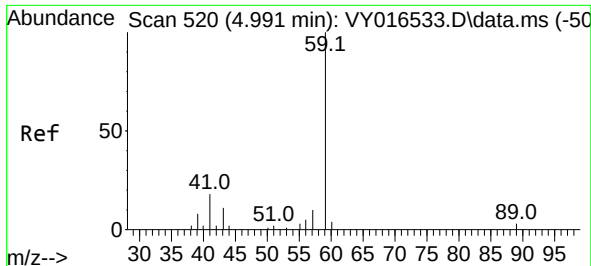
Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#10
Methyl Iodide
Concen: 20.425 ug/l
RT: 4.137 min Scan# 380
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

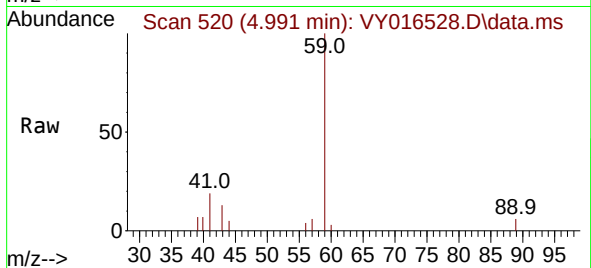
Tgt Ion:142 Resp: 39053
Ion Ratio Lower Upper
142 100
127 44.9 37.6 56.4
141 13.9 11.8 17.8





#11
Tert butyl alcohol
Concen: 90.236 ug/l
RT: 4.991 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

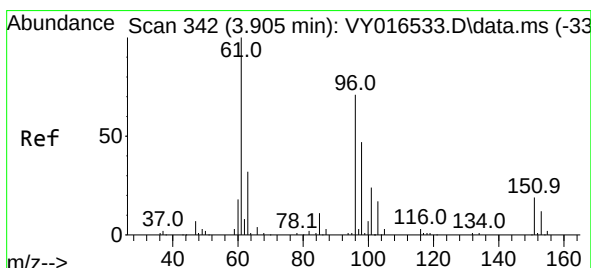
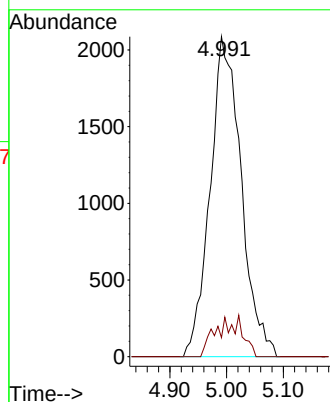
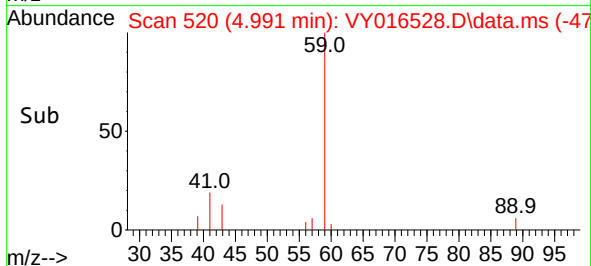
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



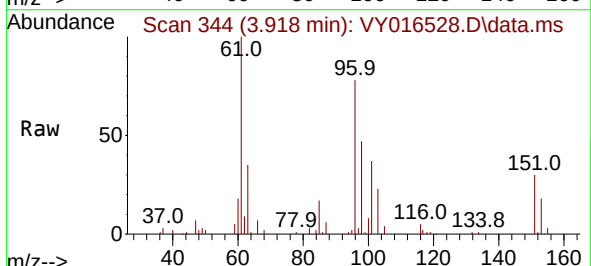
Tgt Ion: 59 Resp: 7923
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4

Manual Integrations
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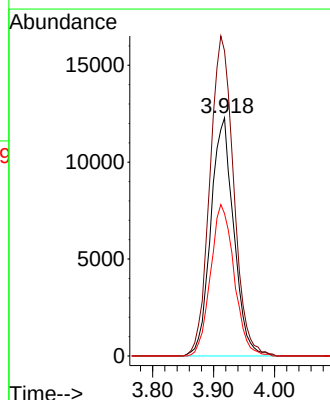
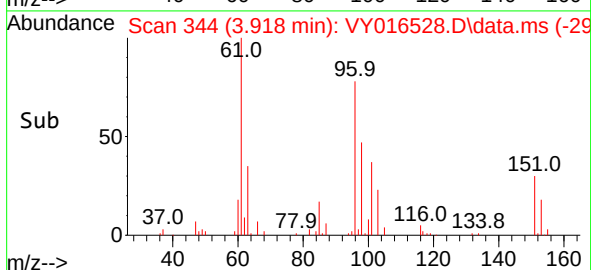
Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023

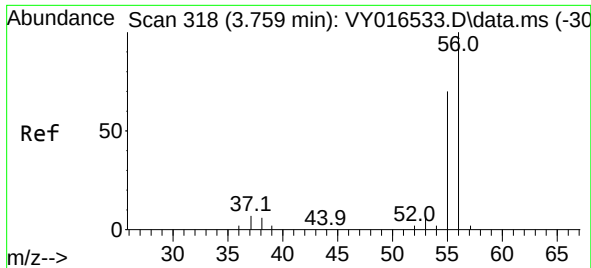


#12
1,1-Dichloroethene
Concen: 20.361 ug/l
RT: 3.918 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33



Tgt Ion: 96 Resp: 32160
Ion Ratio Lower Upper
96 100
61 128.2 136.4 204.6#
98 59.8 49.4 74.2





#13

Acrolein

Concen: 79.073 ug/l

RT: 3.765 min Scan# 318

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 13150

Ion Ratio Lower Upper

56 100

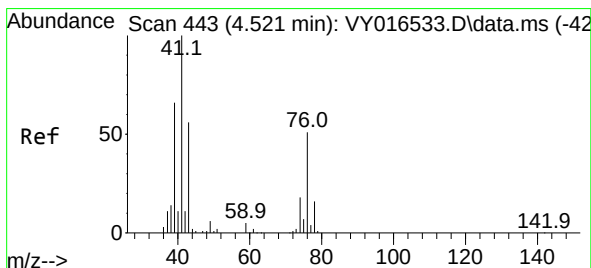
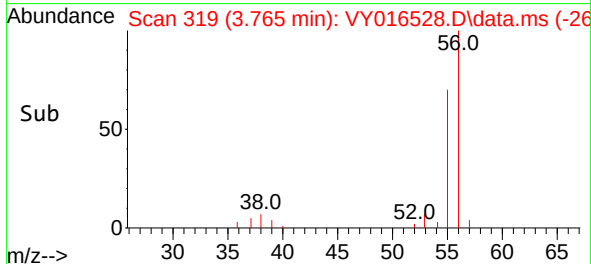
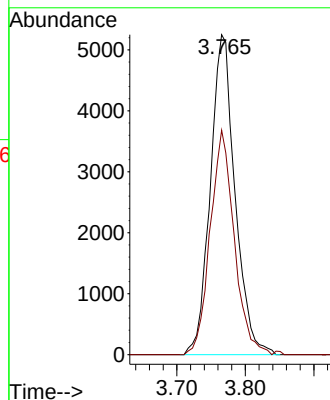
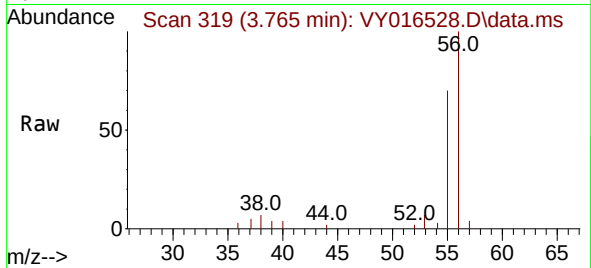
55 68.2 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/30/2023

Supervised By :Semsettin Yesilyurt 11/30/2023



#14

Allyl chloride

Concen: 20.038 ug/l

RT: 4.527 min Scan# 444

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

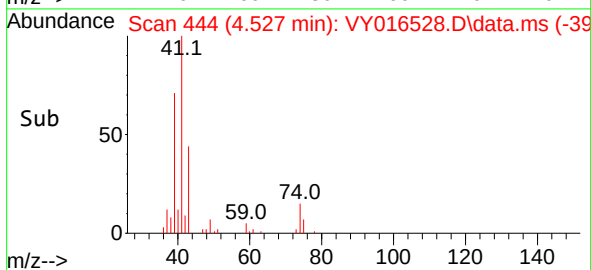
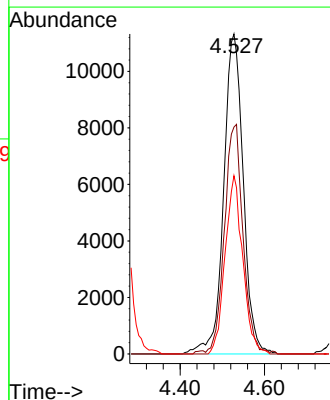
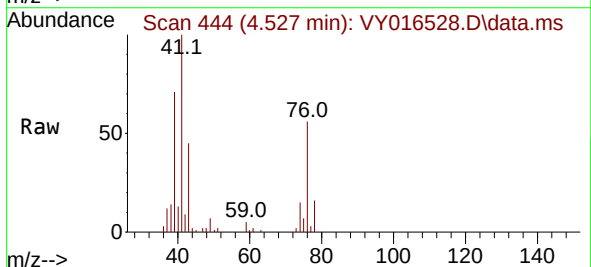
Tgt Ion: 41 Resp: 36385

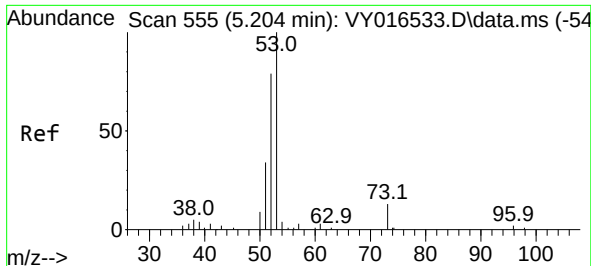
Ion Ratio Lower Upper

41 100

39 68.6 58.0 87.0

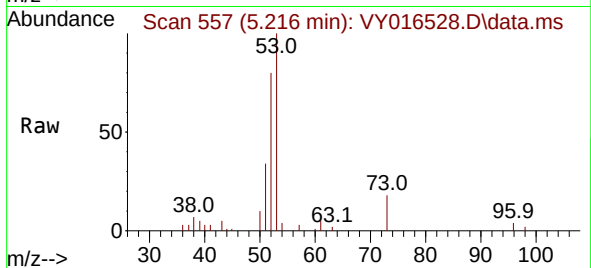
76 50.3 27.4 41.2#





#15
Acrylonitrile
Concen: 84.032 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

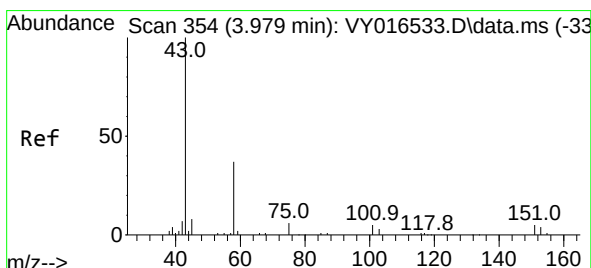
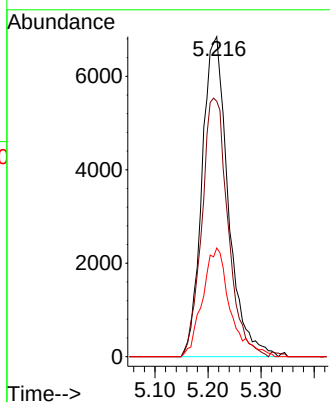
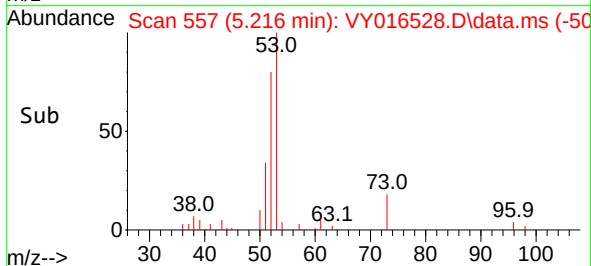
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 23514
Ion Ratio Lower Upper
53 100
52 80.6 66.9 100.3
51 36.0 29.8 44.6

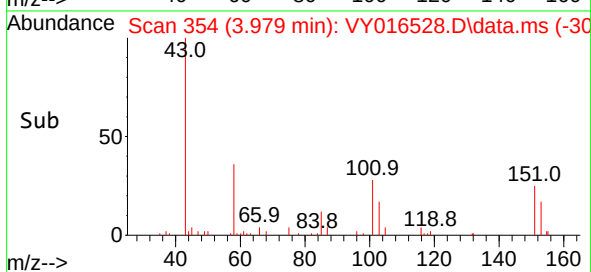
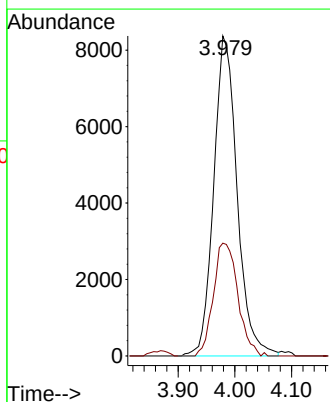
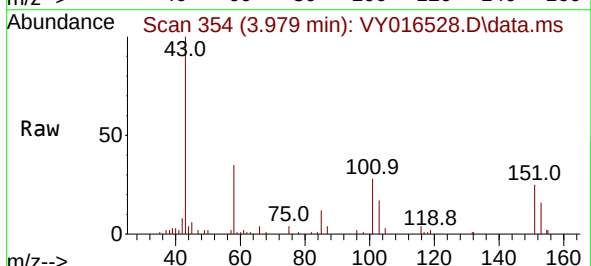
Manual Integrations
APPROVED

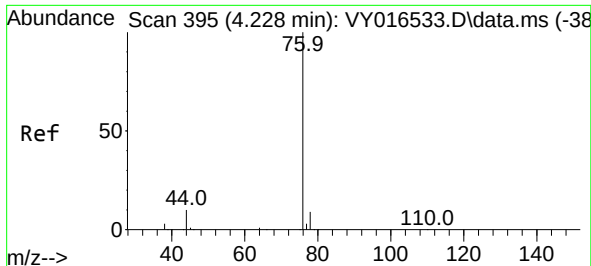
Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#16
Acetone
Concen: 88.256 ug/l
RT: 3.979 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion: 43 Resp: 23965
Ion Ratio Lower Upper
43 100
58 35.3 22.7 34.1#





#17

Carbon Disulfide

Concen: 20.590 ug/l

RT: 4.235 min Scan# 396

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 9175

Ion Ratio Lower Upper

76 100

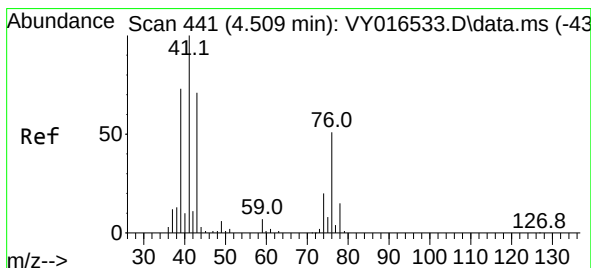
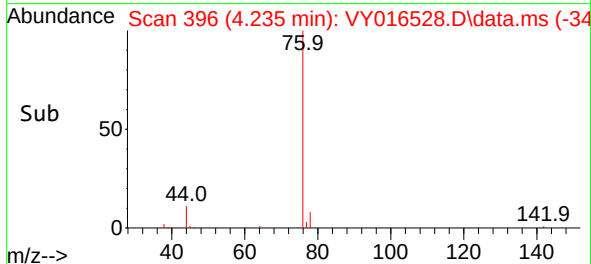
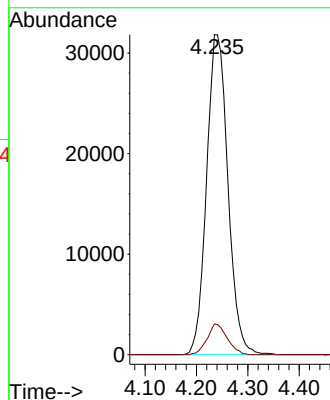
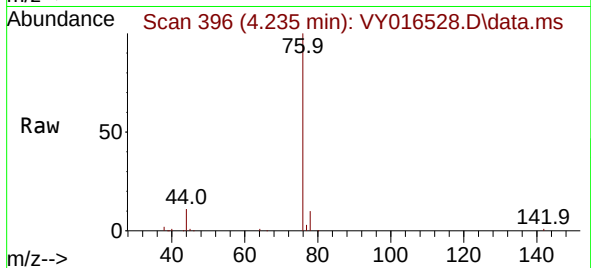
78 9.6 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/30/2023

Supervised By :Semsettin Yesilyurt 11/30/2023



#18

Methyl Acetate

Concen: 16.839 ug/l

RT: 4.515 min Scan# 442

Delta R.T. 0.006 min

Lab File: VY016528.D

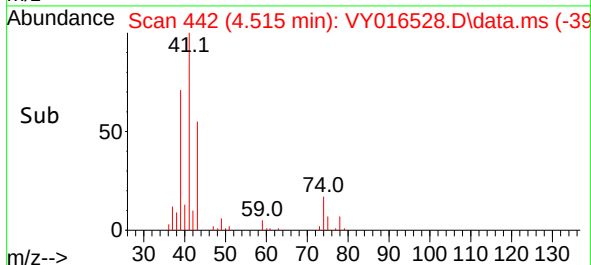
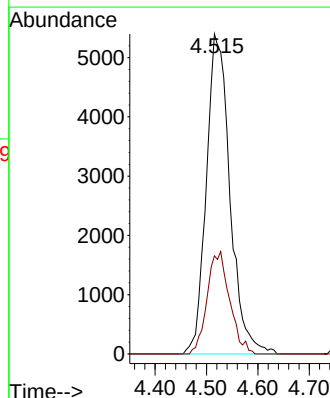
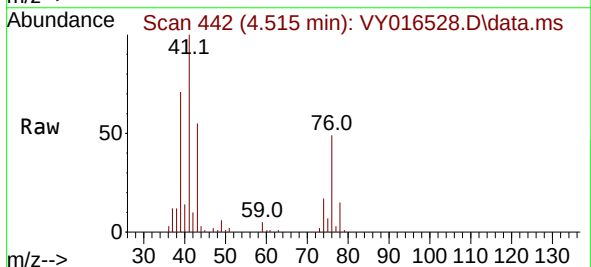
Acq: 29 Nov 2023 09:33

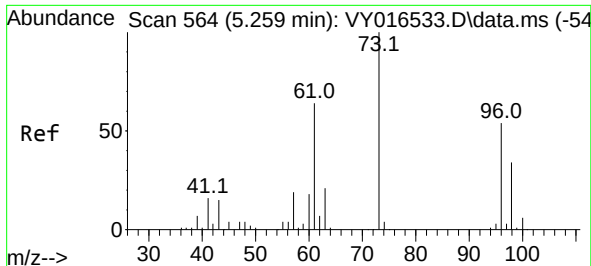
Tgt Ion: 43 Resp: 17267

Ion Ratio Lower Upper

43 100

74 30.4 17.4 26.0#





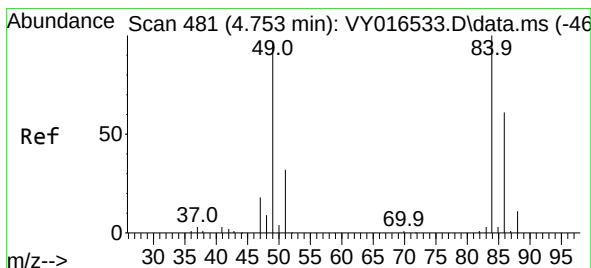
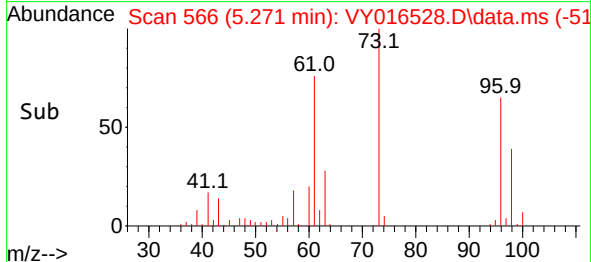
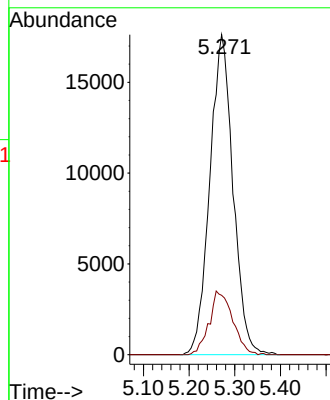
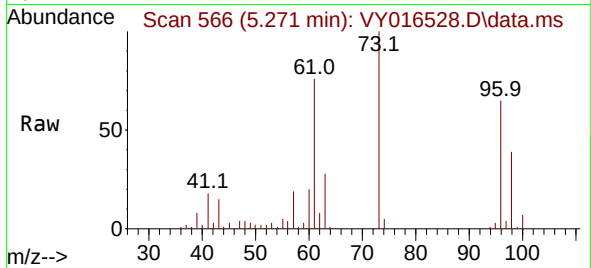
#19
Methyl tert-butyl Ether
Concen: 18.086 ug/l
RT: 5.271 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 62254
Ion Ratio Lower Upper
73 100
57 18.6 17.3 25.9

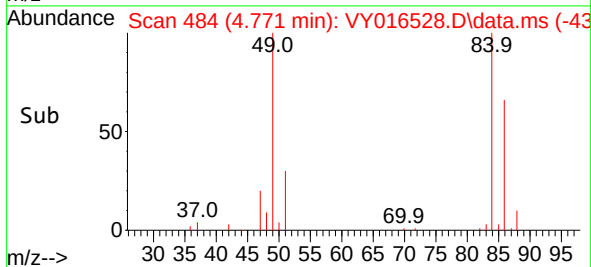
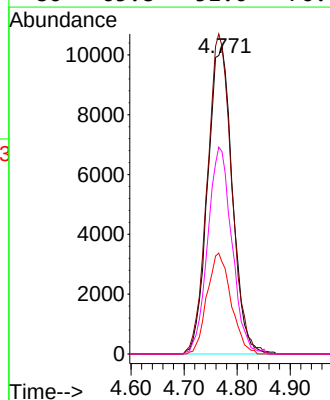
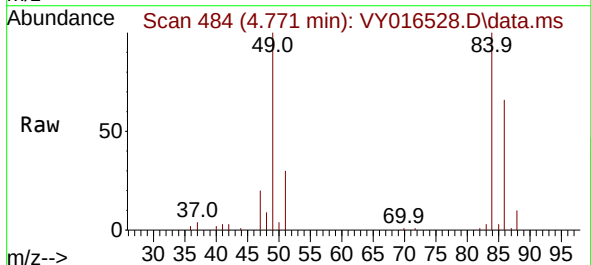
Manual Integrations
APPROVED

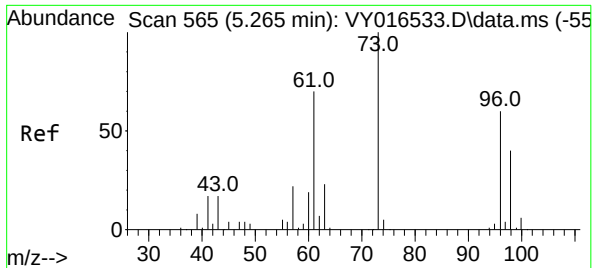
Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#20
Methylene Chloride
Concen: 18.854 ug/l
RT: 4.771 min Scan# 484
Delta R.T. 0.018 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

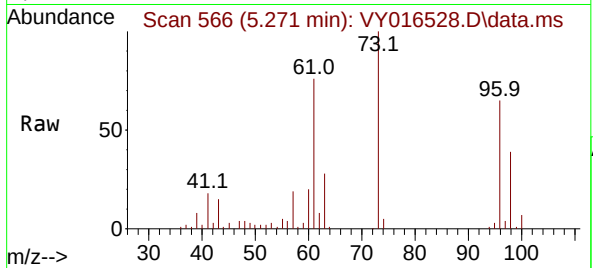
Tgt Ion: 84 Resp: 33255
Ion Ratio Lower Upper
84 100
49 100.1 106.9 160.3#
51 29.9 33.2 49.8#
86 65.8 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 20.663 ug/l
RT: 5.271 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

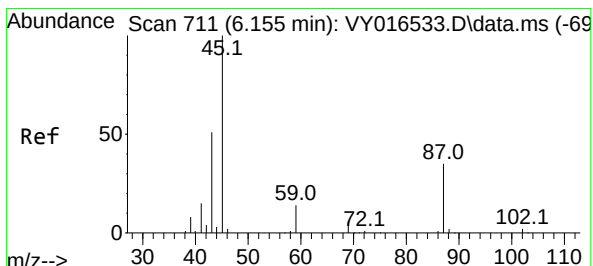
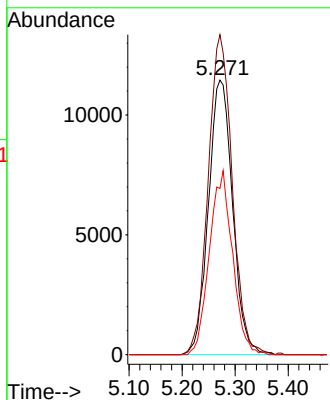
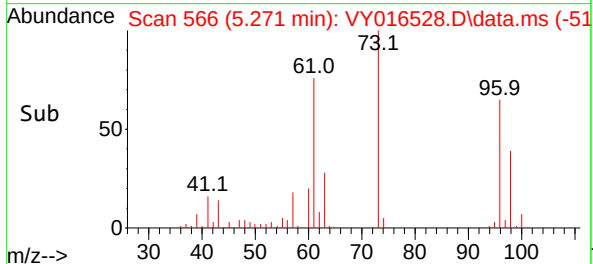
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



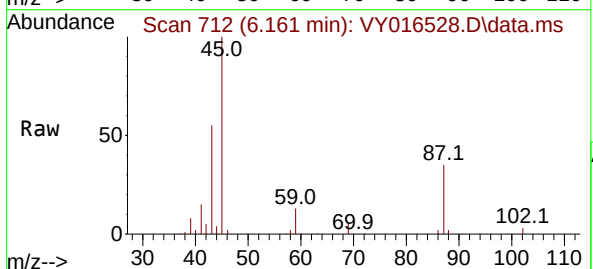
Tgt Ion: 96 Resp: 36350
Ion Ratio Lower Upper
96 100
61 116.5 110.2 165.4
98 60.5 51.8 77.6

Manual Integrations
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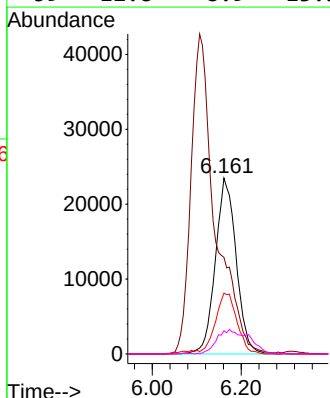
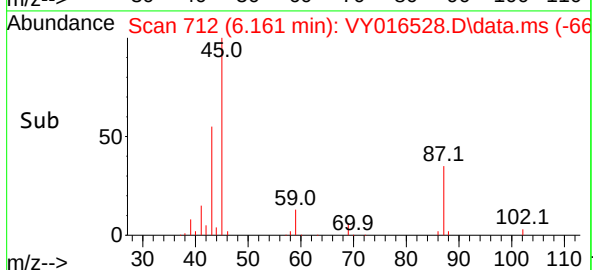
Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023

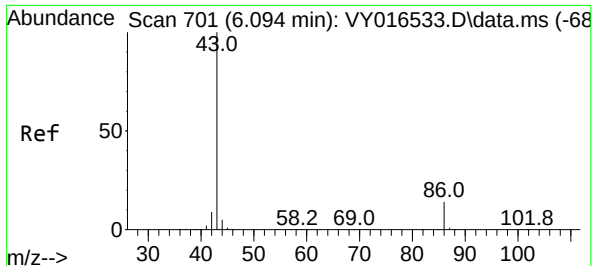


#22
Diisopropyl ether
Concen: 20.020 ug/l
RT: 6.161 min Scan# 712
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33



Tgt Ion: 45 Resp: 76226
Ion Ratio Lower Upper
45 100
43 53.9 52.2 78.4
87 34.6 21.0 31.6#
59 12.8 8.9 13.3





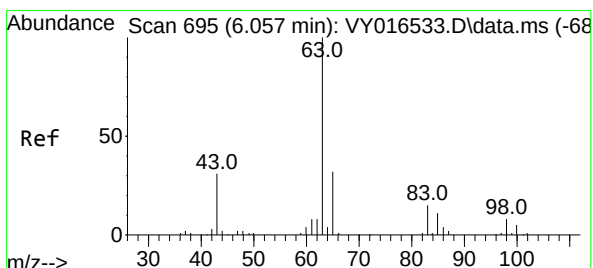
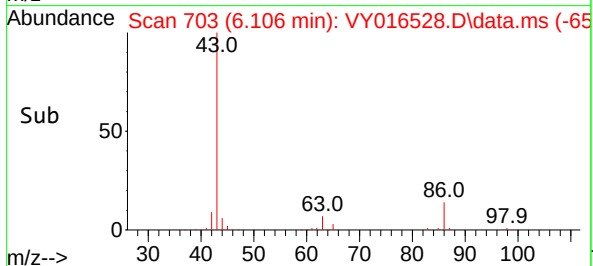
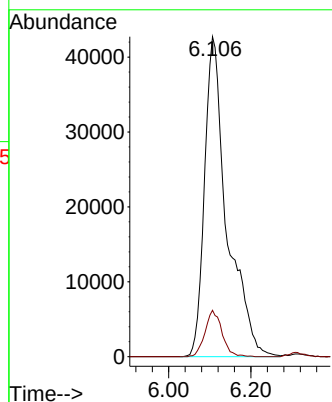
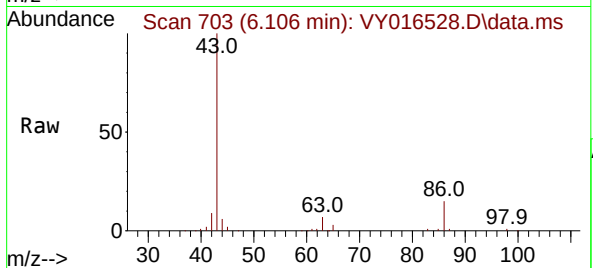
#23
 Vinyl Acetate
 Concen: 92.205 ug/l
 RT: 6.106 min Scan# 701
 Delta R.T. 0.012 min
 Lab File: VY016528.D
 Acq: 29 Nov 2023 09:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 16189
 Ion Ratio Lower Upper
 43 100
 86 14.5 7.5 11.3

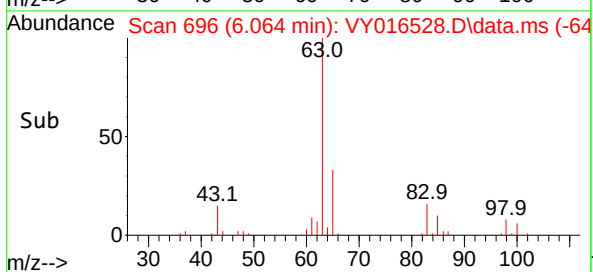
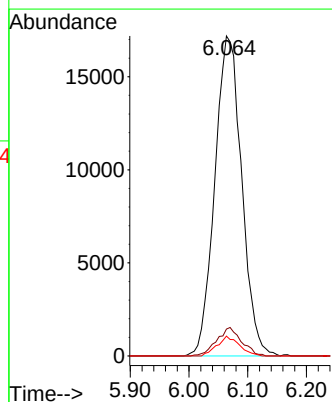
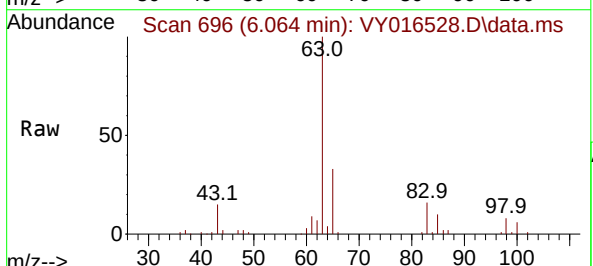
Manual Integrations
 APPROVED

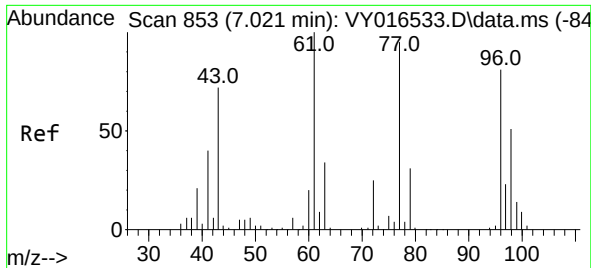
Reviewed By :Mahesh Dadoda 11/30/2023
 Supervised By :Semsettin Yesilyurt 11/30/2023



#24
 1,1-Dichloroethane
 Concen: 20.321 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY016528.D
 Acq: 29 Nov 2023 09:33

Tgt Ion: 63 Resp: 54603
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.1 9.4
 100 6.2 1.8 5.5





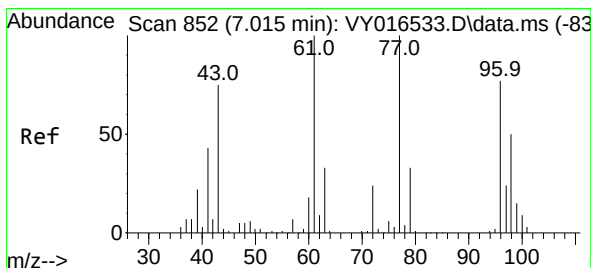
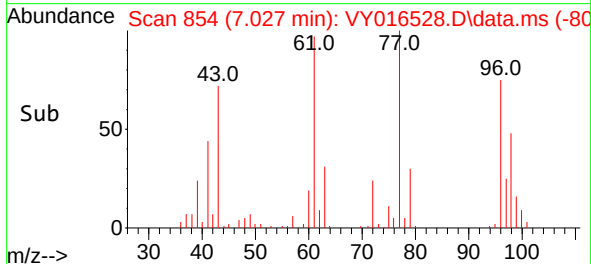
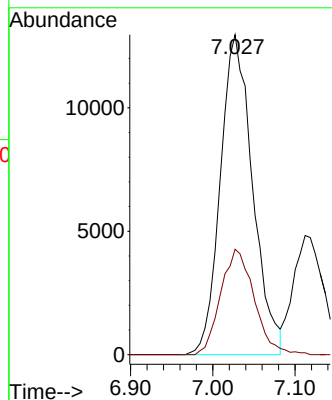
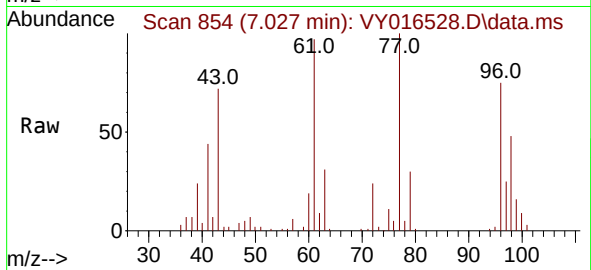
#25
2-Butanone
Concen: 94.692 ug/l
RT: 7.027 min Scan# 854
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 35392
Ion Ratio Lower Upper
43 100
72 32.9 20.5 30.7

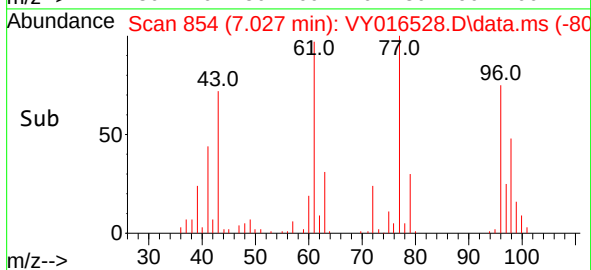
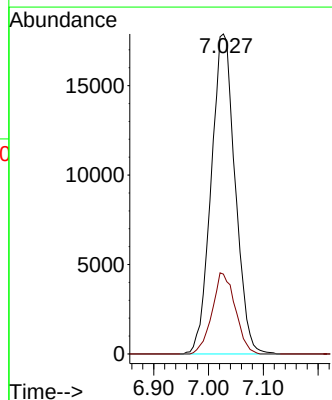
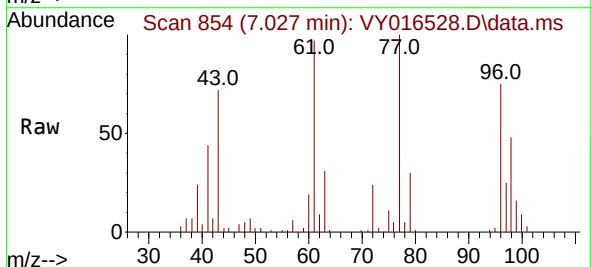
Manual Integrations
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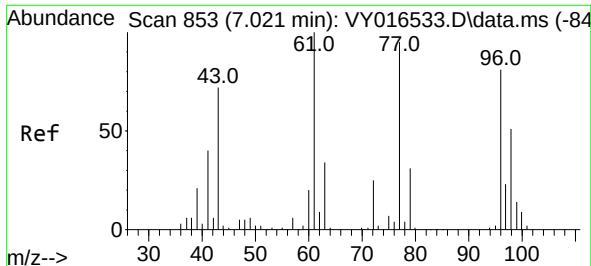
Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#26
2,2-Dichloropropane
Concen: 20.415 ug/l
RT: 7.027 min Scan# 854
Delta R.T. 0.012 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion: 77 Resp: 54217
Ion Ratio Lower Upper
77 100
97 24.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.634 ug/l

RT: 7.027 min Scan# 854

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 37108

Ion Ratio Lower Upper

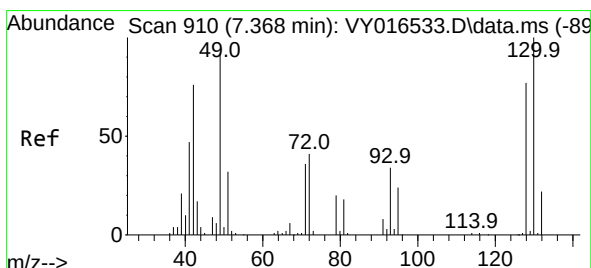
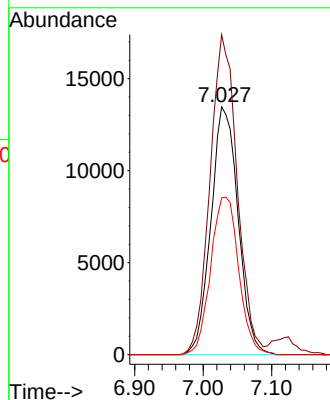
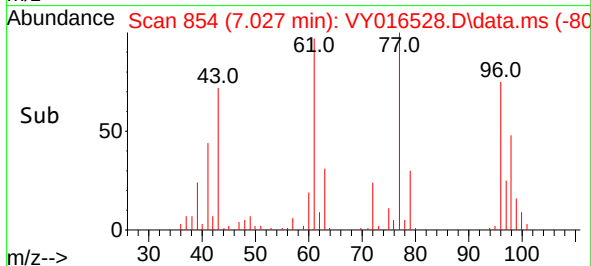
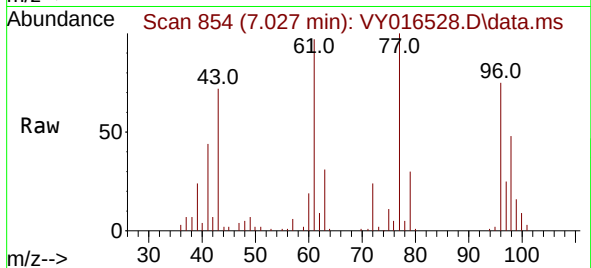
96 100

61 129.0 0.0 301.4

98 65.6 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023

#28

Bromochloromethane

Concen: 18.630 ug/l

RT: 7.375 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

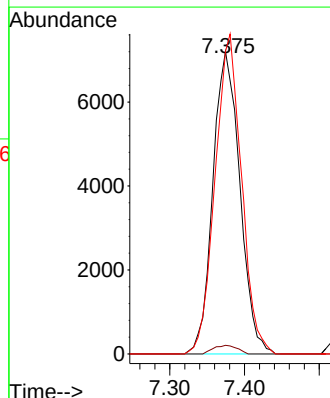
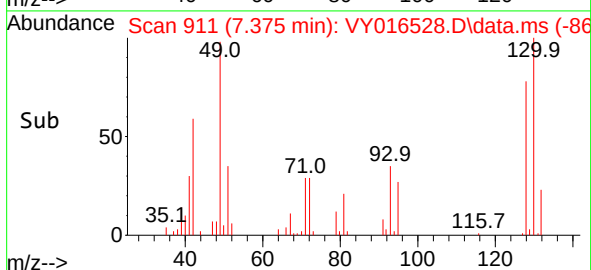
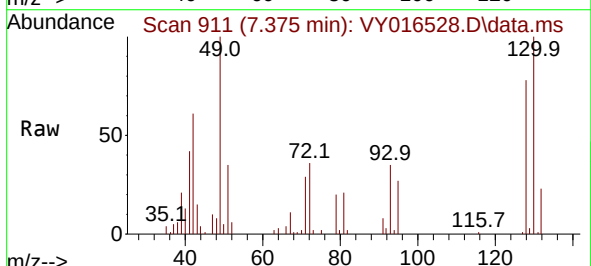
Tgt Ion: 49 Resp: 18092

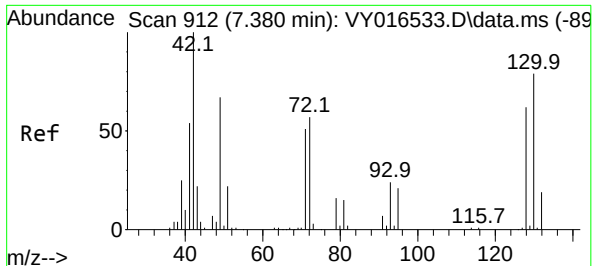
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 103.5 60.7 91.1#





#29

Tetrahydrofuran

Concen: 86.852 ug/l

RT: 7.393 min Scan# 912

Delta R.T. 0.012 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

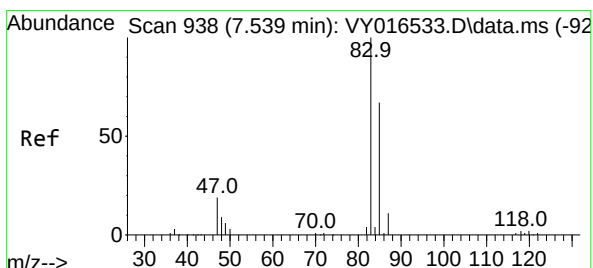
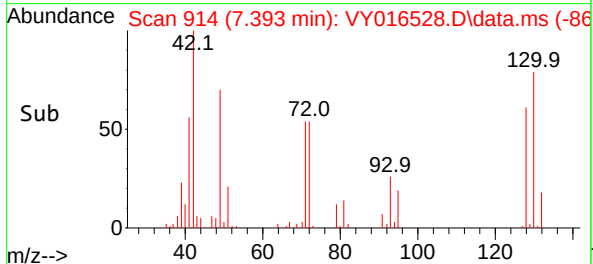
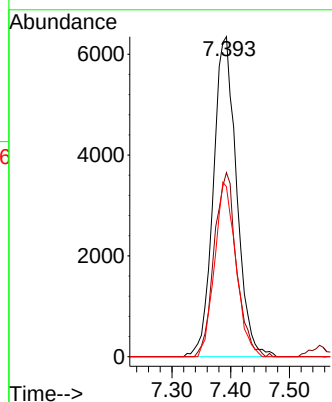
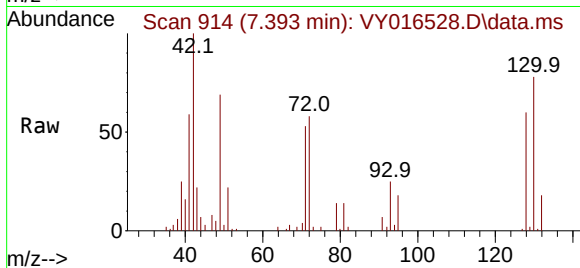
Tgt Ion: 42 Resp: 17439

Ion	Ratio	Lower	Upper
42	100		
72	55.4	32.8	49.2
71	50.2	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#30

Chloroform

Concen: 20.014 ug/l

RT: 7.545 min Scan# 939

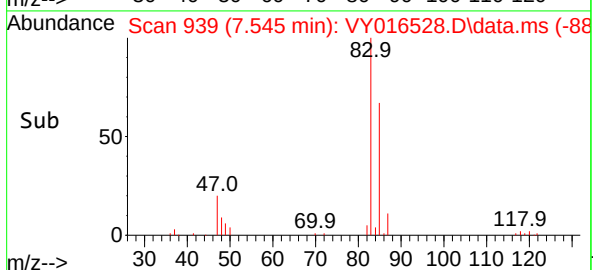
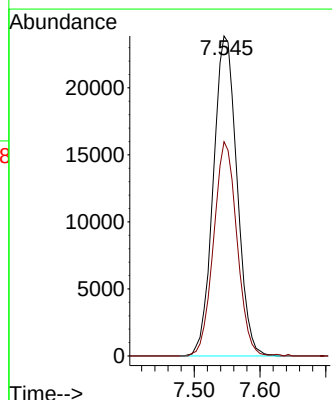
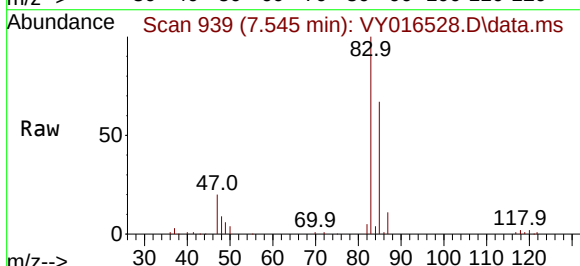
Delta R.T. 0.006 min

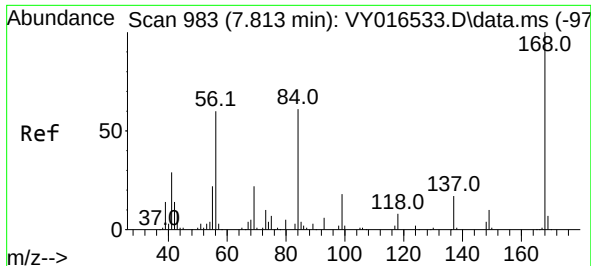
Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Tgt Ion: 83 Resp: 59941

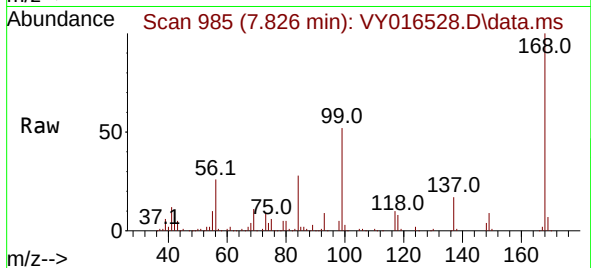
Ion	Ratio	Lower	Upper
83	100		
85	67.0	49.7	74.5





#31
Cyclohexane
Concen: 20.784 ug/l
RT: 7.826 min Scan# 985
Delta R.T. 0.012 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

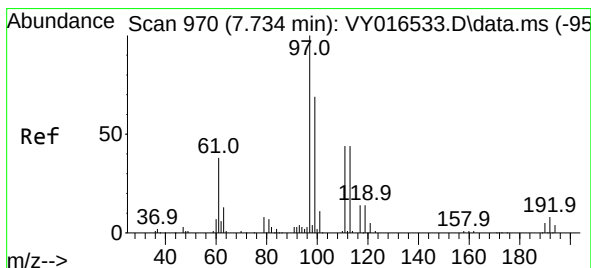
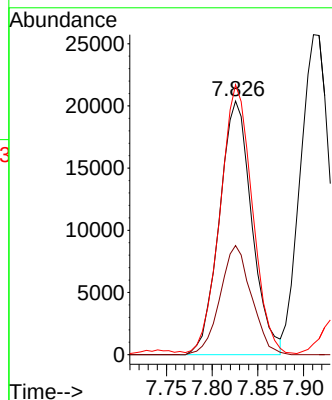
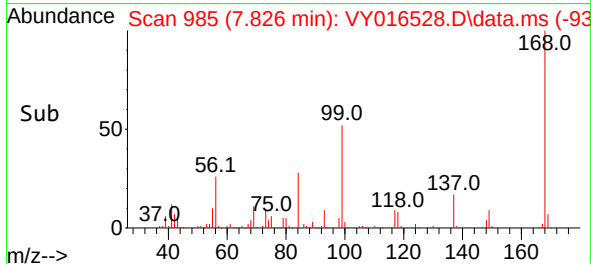
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 50540
Ion Ratio Lower Upper
56 100
69 43.0 27.8 41.6
84 105.2 66.4 99.6

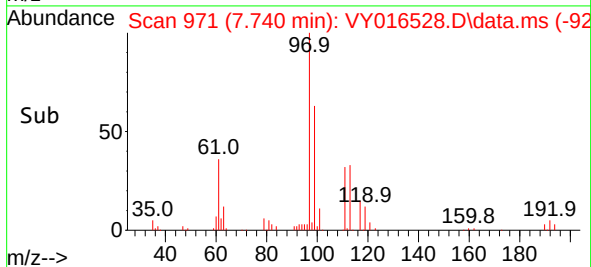
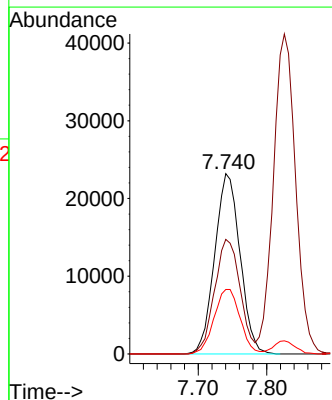
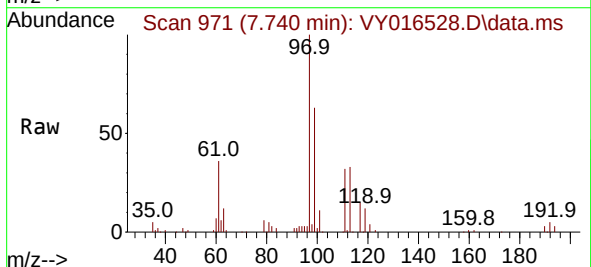
Manual Integrations
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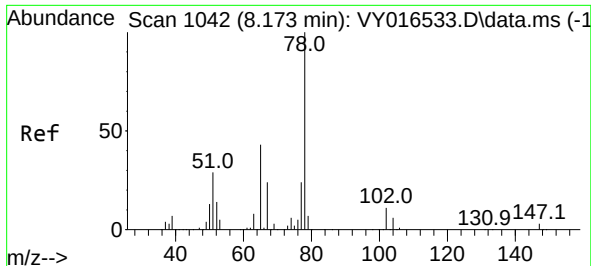
Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#32
1,1,1-Trichloroethane
Concen: 20.485 ug/l
RT: 7.740 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion: 97 Resp: 59453
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 36.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 17.860 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 2474

Ion Ratio Lower Upper

65 100

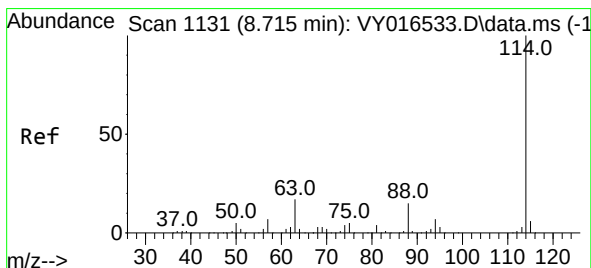
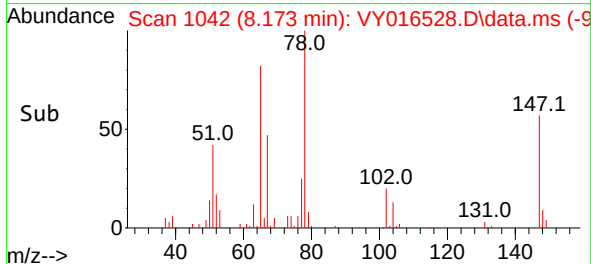
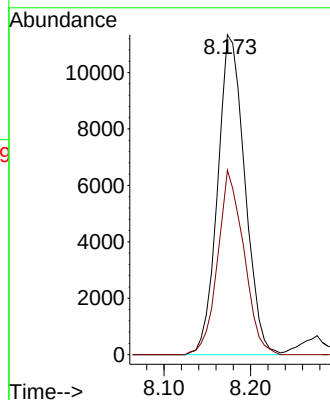
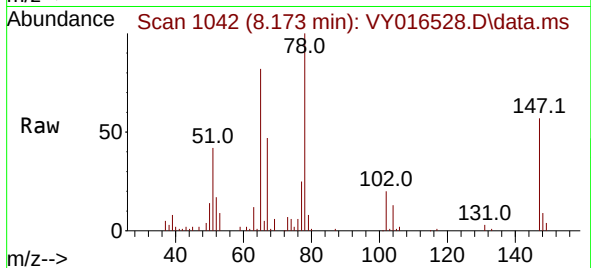
67 55.5 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/30/2023

Supervised By :Semsettin Yesilyurt 11/30/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

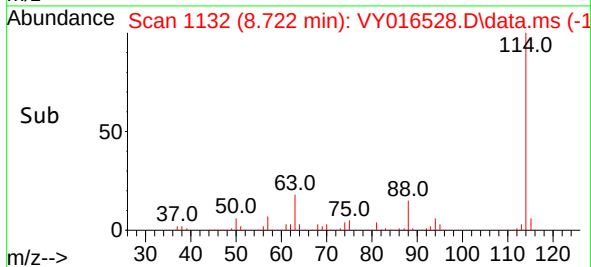
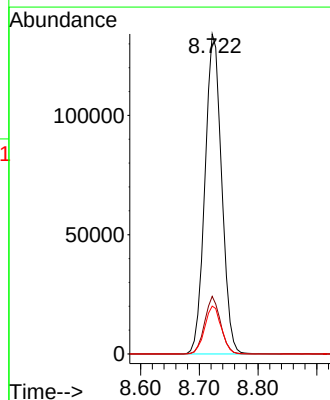
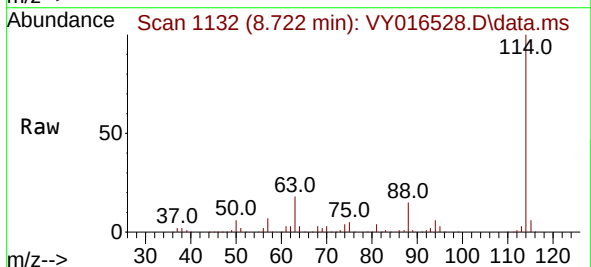
Tgt Ion:114 Resp: 264525

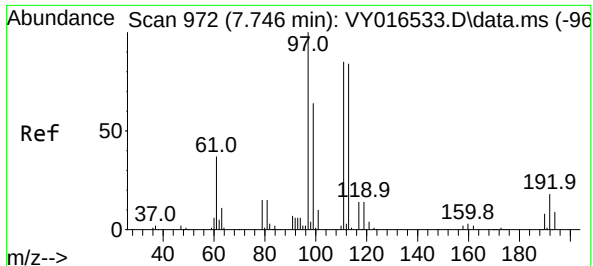
Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

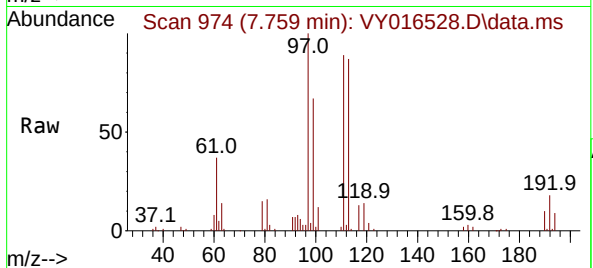
88 15.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 19.692 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

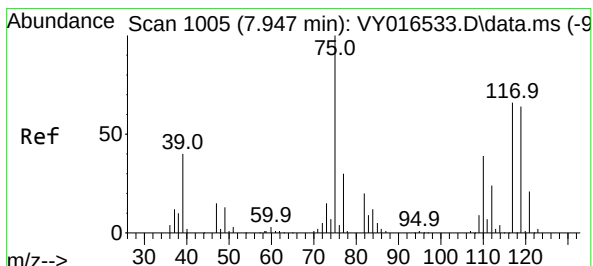
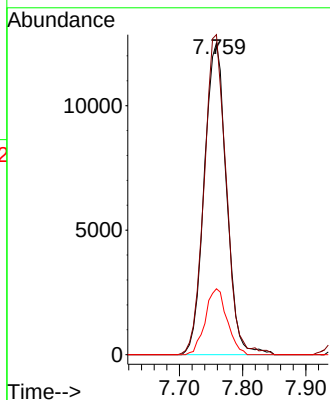
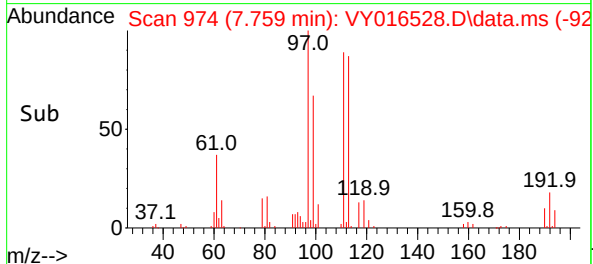
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



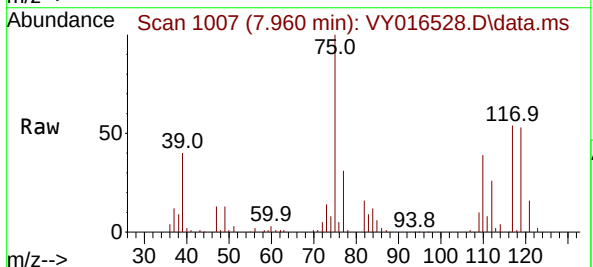
Tgt Ion:113 Resp: 30572
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 20.7 16.9 25.3

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APPROVED

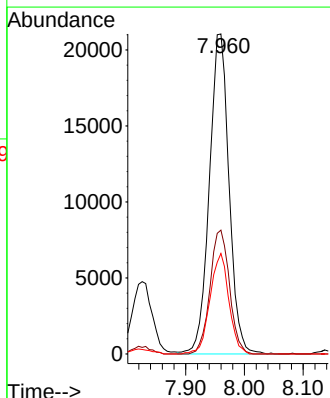
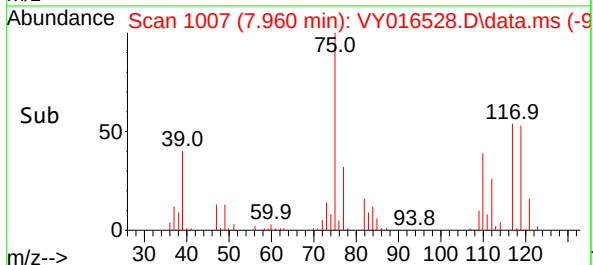
Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023

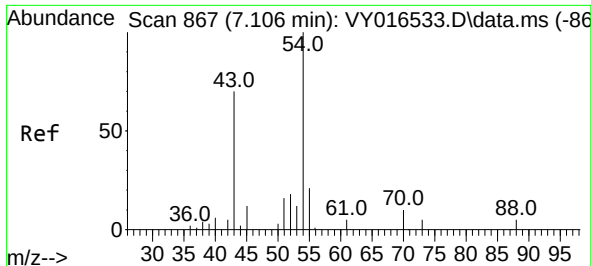


#36
1,1-Dichloropropene
Concen: 21.383 ug/l
RT: 7.960 min Scan# 1007
Delta R.T. 0.012 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33



Tgt Ion: 75 Resp: 49024
Ion Ratio Lower Upper
75 100
110 38.2 17.8 53.5
77 30.1 24.4 36.6





#37

Ethyl Acetate

Concen: 18.483 ug/l

RT: 7.112 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

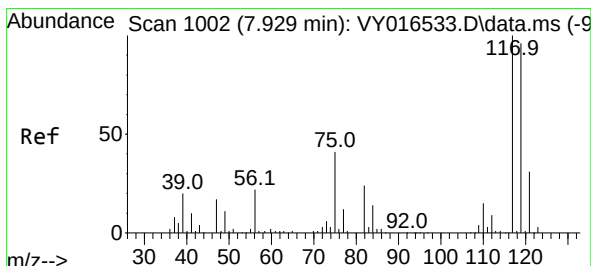
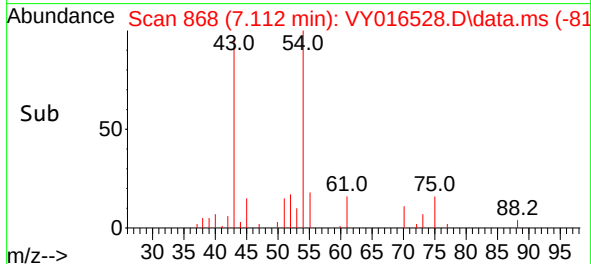
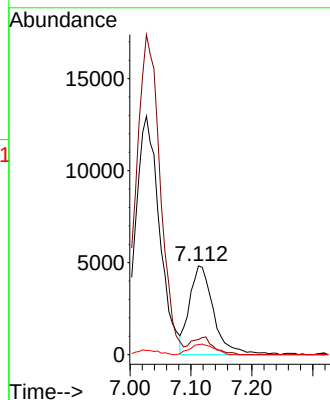
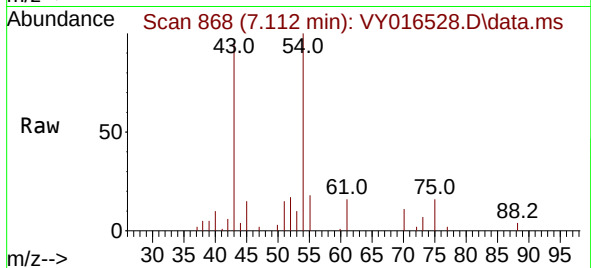
Tgt Ion: 43 Resp: 1328

Ion	Ratio	Lower	Upper
43	100		
61	18.5	10.1	15.1
70	12.1	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#38

Carbon Tetrachloride

Concen: 21.048 ug/l

RT: 7.941 min Scan# 1004

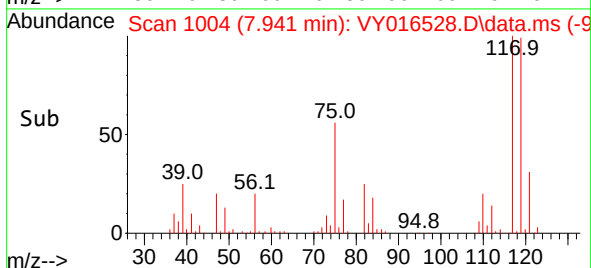
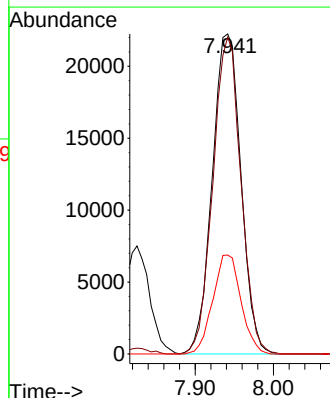
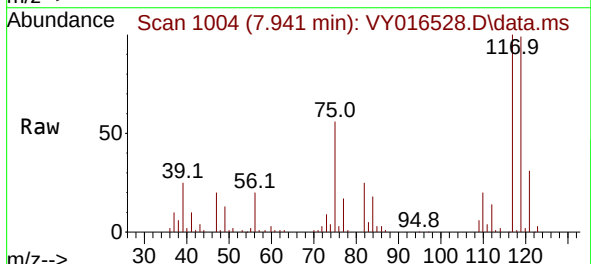
Delta R.T. 0.012 min

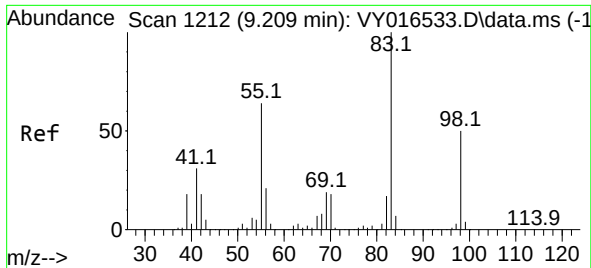
Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Tgt Ion:117 Resp: 56638

Ion	Ratio	Lower	Upper
117	100		
119	99.0	76.4	114.6
121	30.9	25.8	38.6





#39

Methylcyclohexane

Concen: 20.721 ug/l

RT: 9.216 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

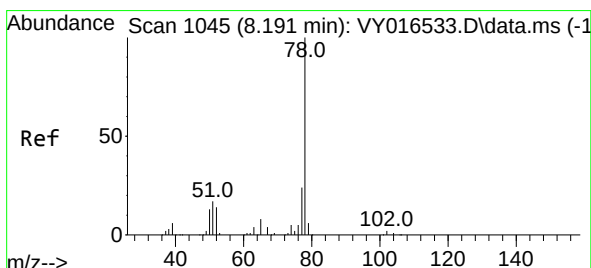
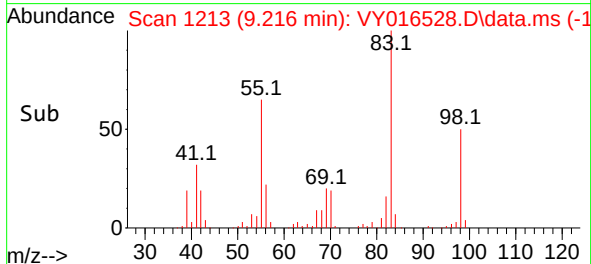
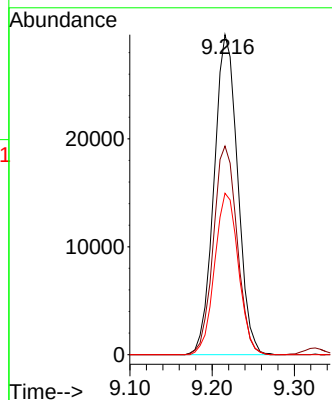
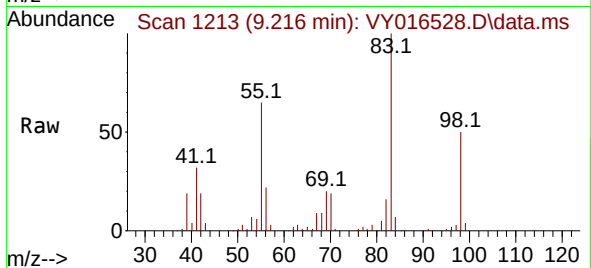
Tgt Ion: 83 Resp: 5925

Ion	Ratio	Lower	Upper
83	100		
55	65.2	63.0	94.4
98	50.4	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#40

Benzene

Concen: 20.680 ug/l

RT: 8.198 min Scan# 1046

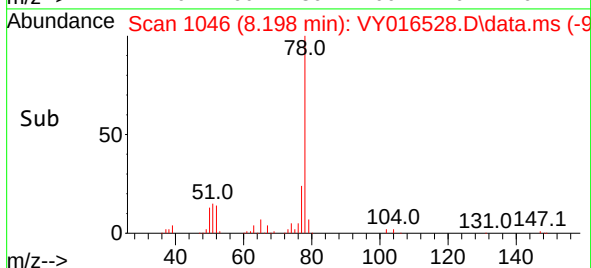
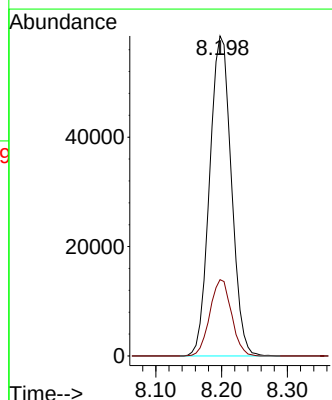
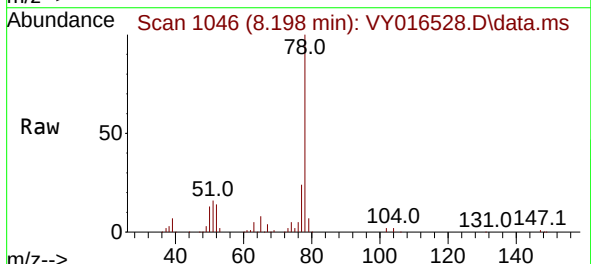
Delta R.T. 0.006 min

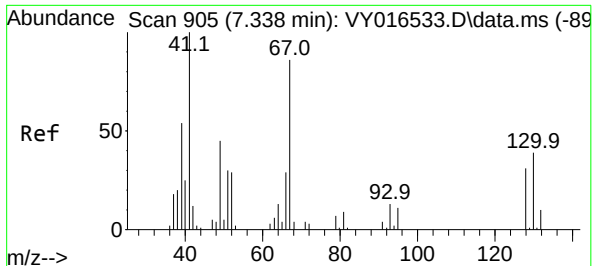
Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Tgt Ion: 78 Resp: 134424

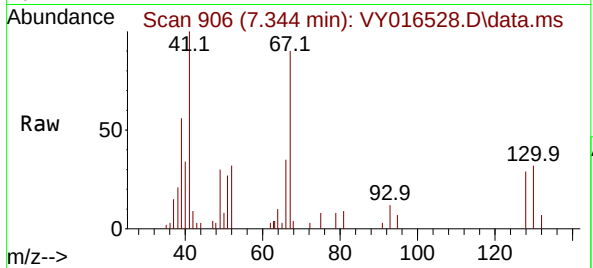
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6





#41
Methacrylonitrile
Concen: 16.059 ug/l m
RT: 7.344 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

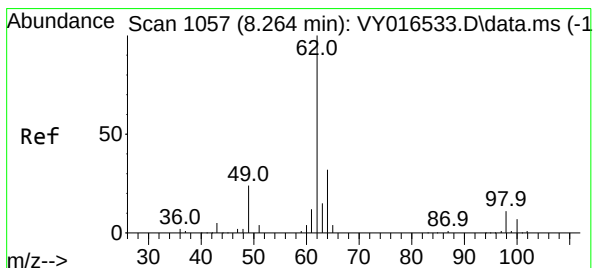
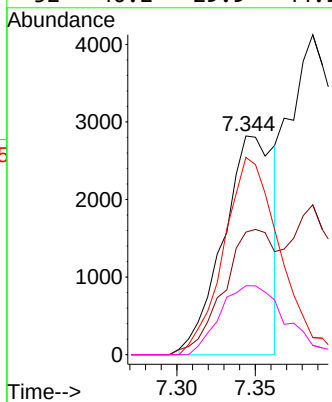
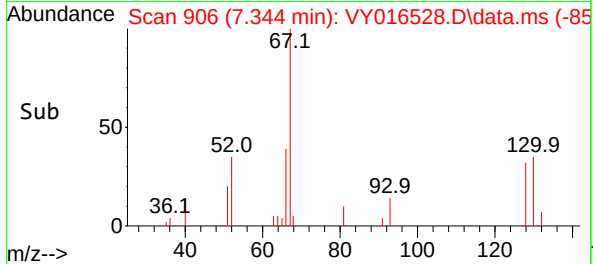
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:	41	Resp:	6379
Ion	Ratio	Lower	Upper
41	100		
39	56.4	52.1	78.1
67	100.1	66.2	99.2
52	40.2	29.9	44.9

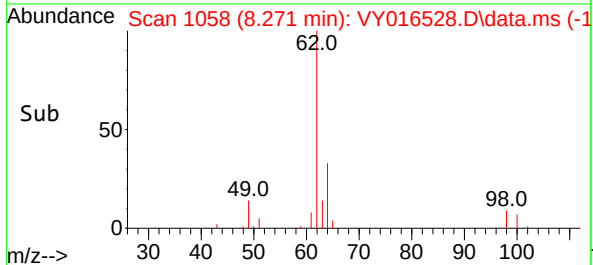
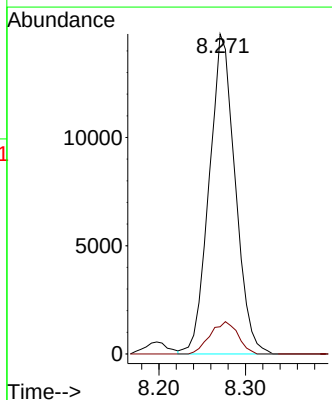
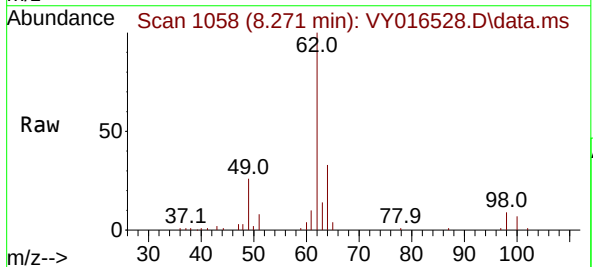
Manual Integrations
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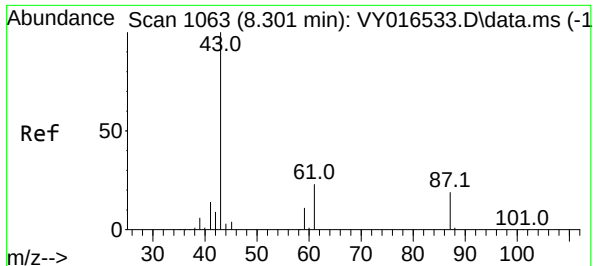
Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#42
1,2-Dichloroethane
Concen: 19.130 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

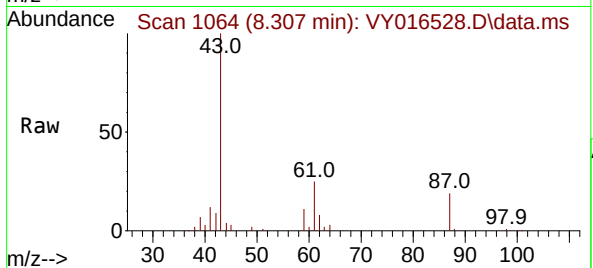
Tgt Ion:	62	Resp:	30816
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	15.8





#43
Isopropyl Acetate
Concen: 17.679 ug/l
RT: 8.307 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

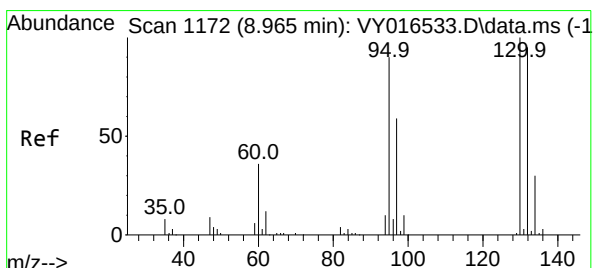
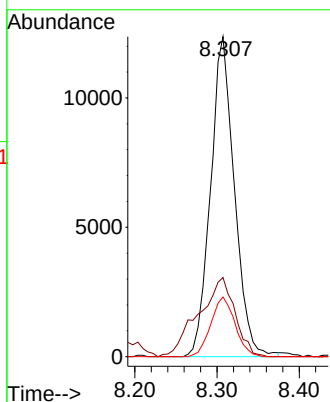
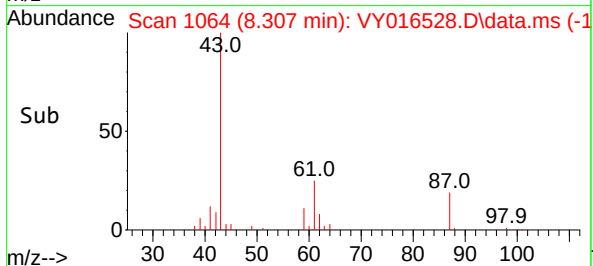
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 24980
Ion Ratio Lower Upper
43 100
61 37.7 21.1 31.7
87 18.9 9.8 14.8

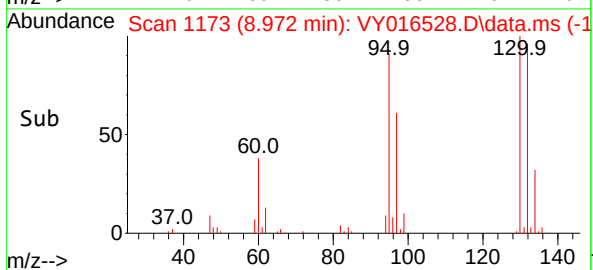
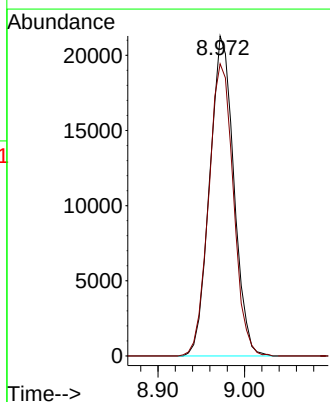
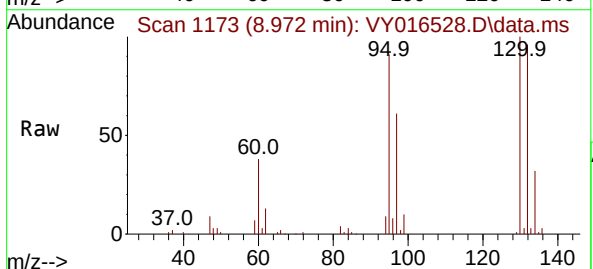
Manual Integrations
APPROVED

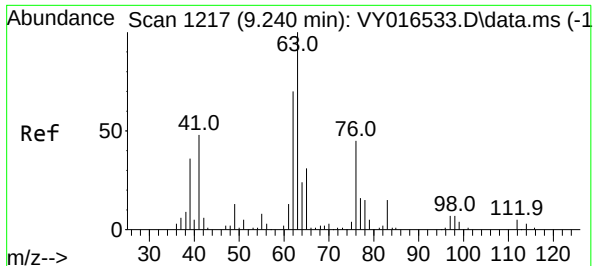
Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#44
Trichloroethene
Concen: 20.568 ug/l
RT: 8.972 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion:130 Resp: 41181
Ion Ratio Lower Upper
130 100
95 91.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.194 ug/l

RT: 9.246 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 29620

Ion Ratio Lower Upper

63 100

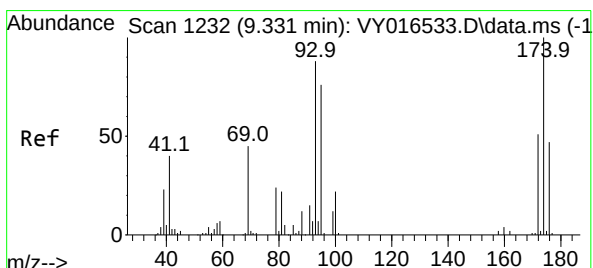
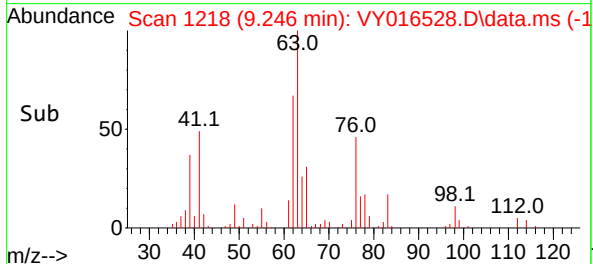
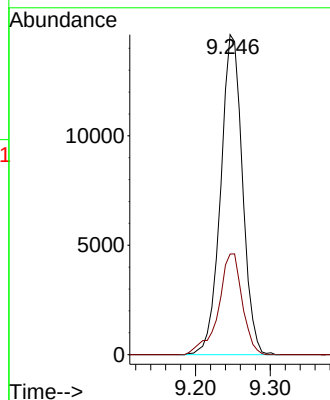
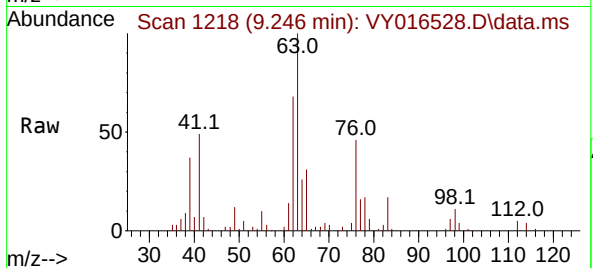
65 31.4 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/30/2023

Supervised By :Semsettin Yesilyurt 11/30/2023



#46

Dibromomethane

Concen: 18.803 ug/l

RT: 9.338 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

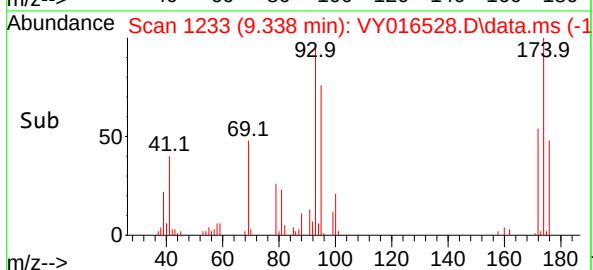
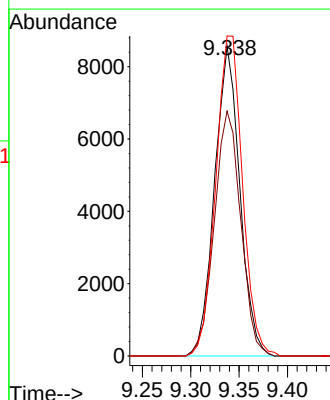
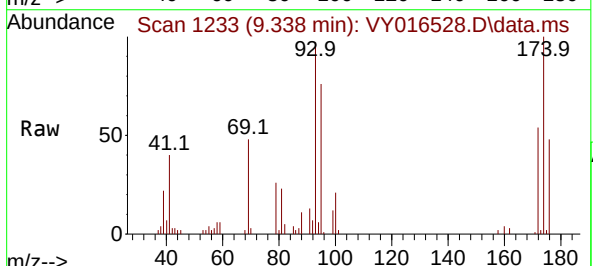
Tgt Ion: 93 Resp: 15508

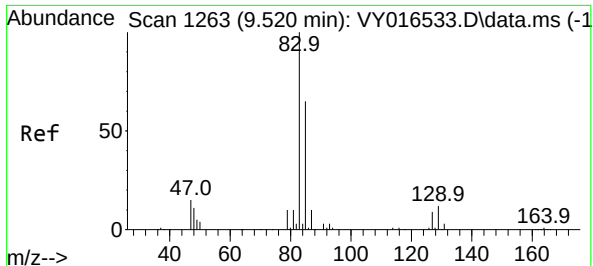
Ion Ratio Lower Upper

93 100

95 83.1 66.6 100.0

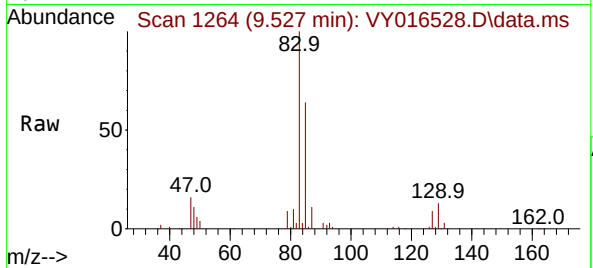
174 109.9 84.8 127.2





#47
Bromodichloromethane
Concen: 19.469 ug/l
RT: 9.527 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

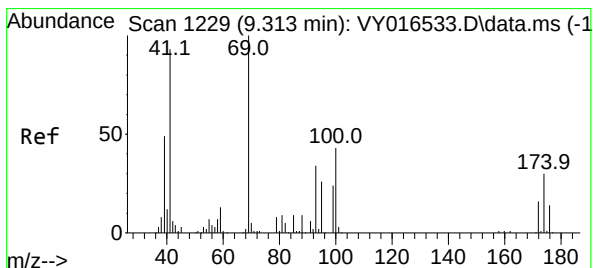
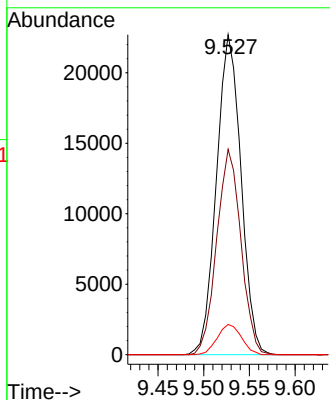
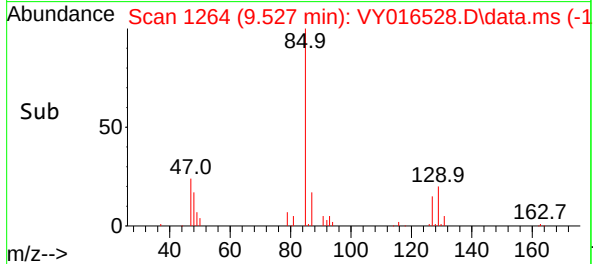
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 4239
Ion Ratio Lower Upper
83 100
85 64.1 50.1 75.1
127 9.5 7.1 10.7

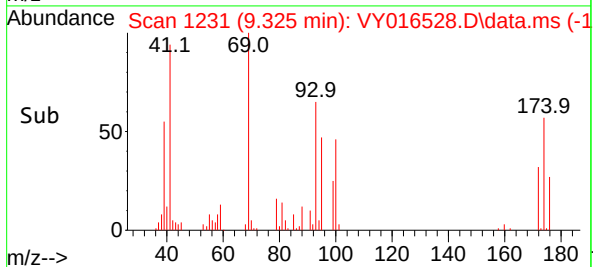
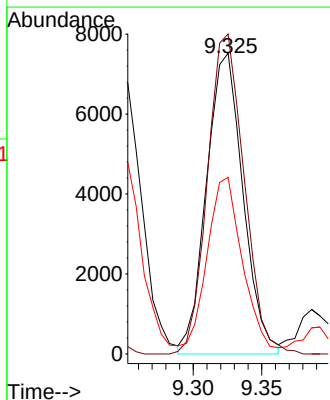
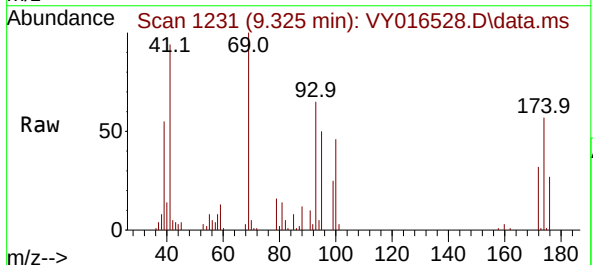
Manual Integrations
APPROVED

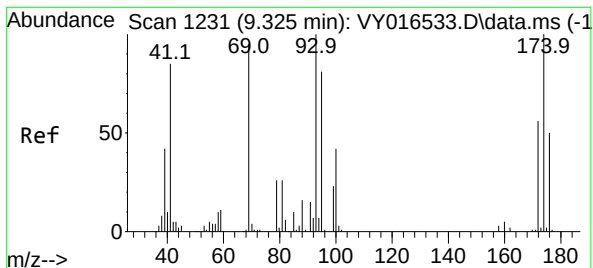
Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#48
Methyl methacrylate
Concen: 17.584 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion: 41 Resp: 13949
Ion Ratio Lower Upper
41 100
69 106.6 64.5 96.7#
39 53.5 50.8 76.2





#49

1,4-Dioxane

Concen: 349.853 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 267

Ion Ratio Lower Upper

88 100

43 29.1 0.0 0.0

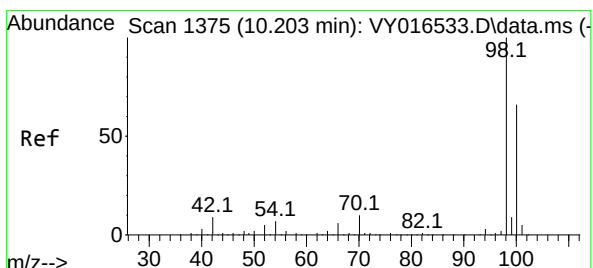
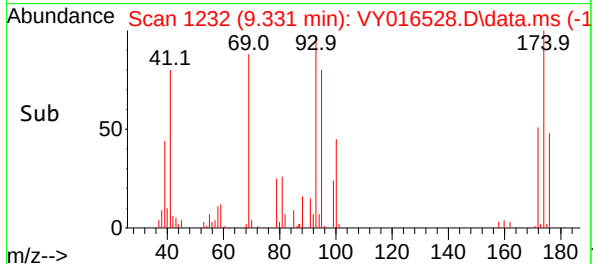
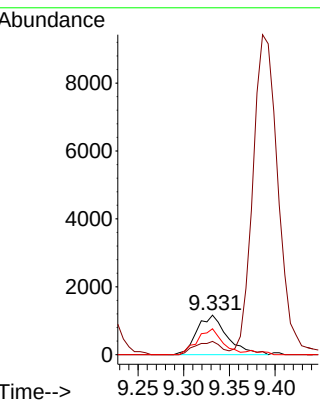
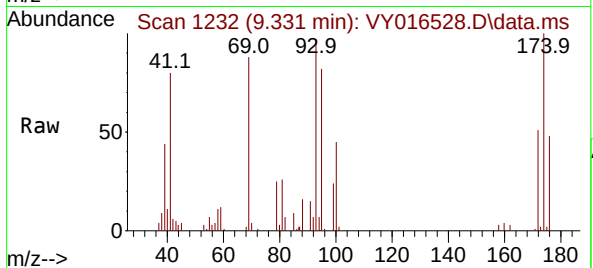
58 55.9 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/30/2023

Supervised By :Semsettin Yesilyurt 11/30/2023



#50

Toluene-d8

Concen: 20.005 ug/l

RT: 10.209 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY016528.D

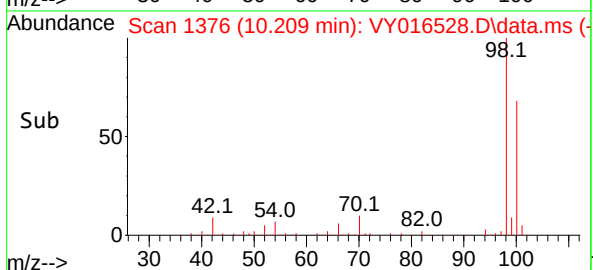
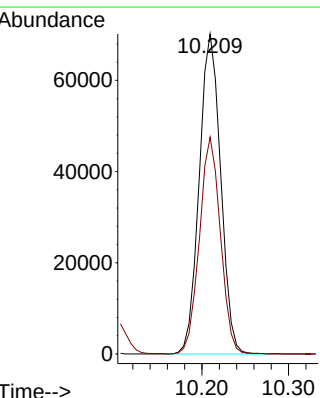
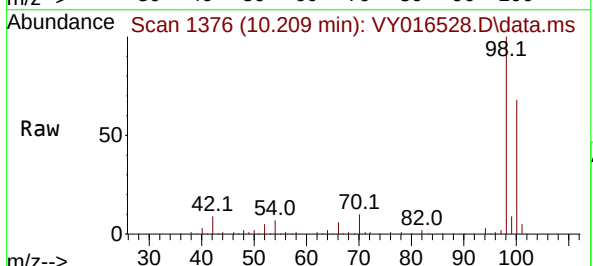
Acq: 29 Nov 2023 09:33

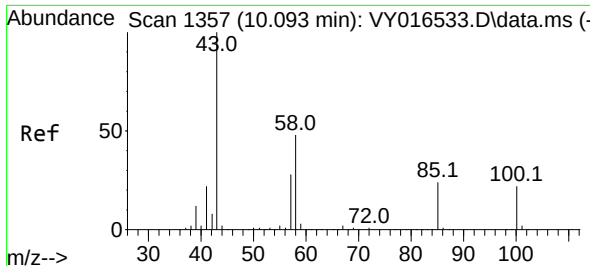
Tgt Ion: 98 Resp: 120458

Ion Ratio Lower Upper

98 100

100 66.3 50.1 75.1





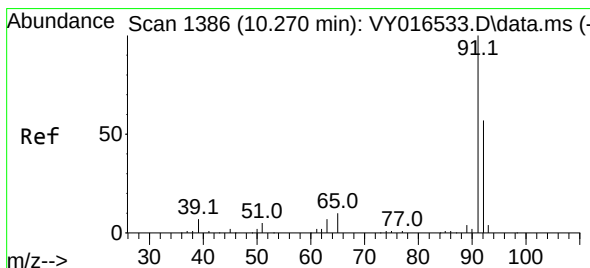
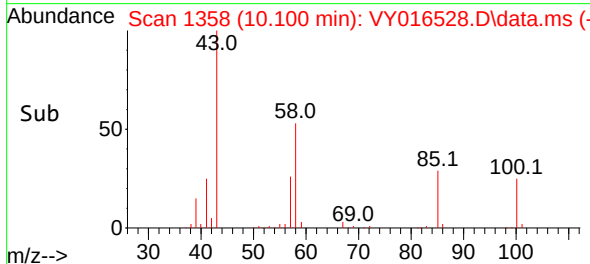
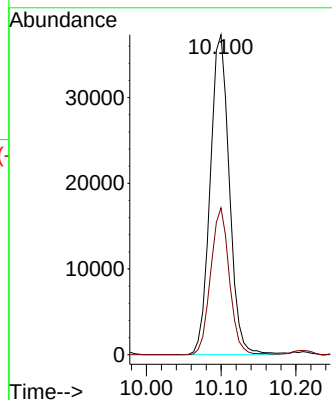
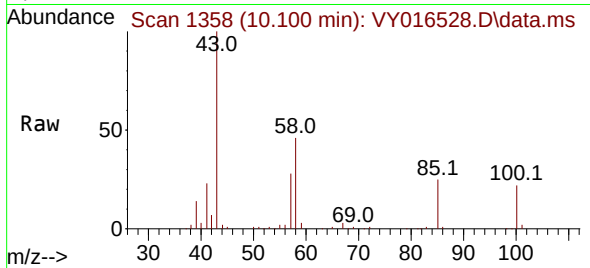
#51
4-Methyl-2-Pentanone
Concen: 90.119 ug/l
RT: 10.100 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 66429
Ion Ratio Lower Upper
43 100
58 44.8 29.0 43.6

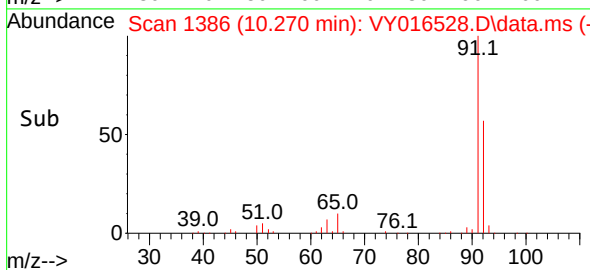
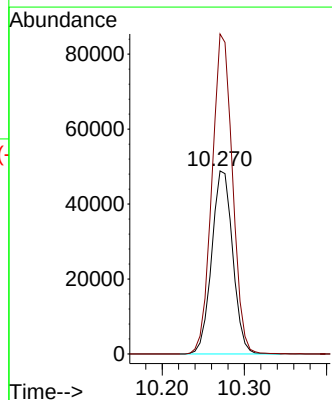
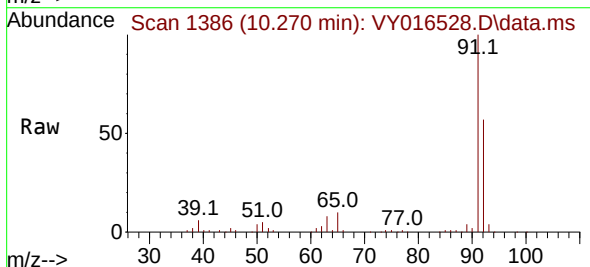
Manual Integrations
APPROVED

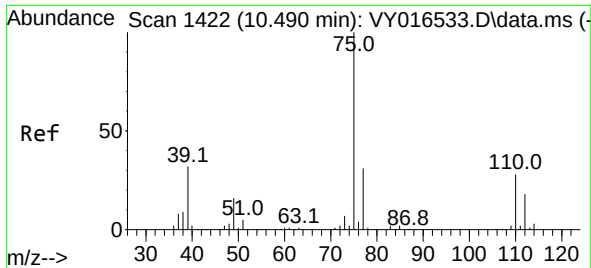
Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#52
Toluene
Concen: 20.757 ug/l
RT: 10.270 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion: 92 Resp: 86676
Ion Ratio Lower Upper
92 100
91 171.0 143.8 215.6





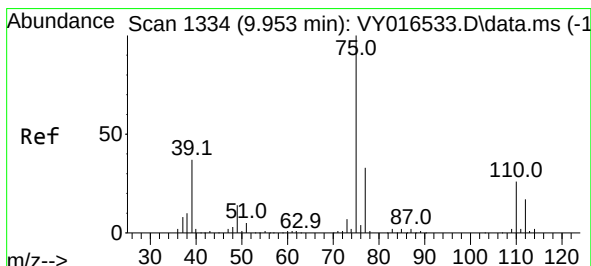
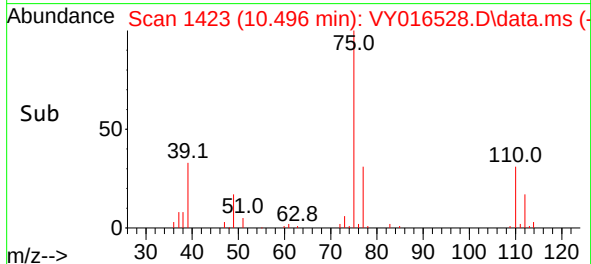
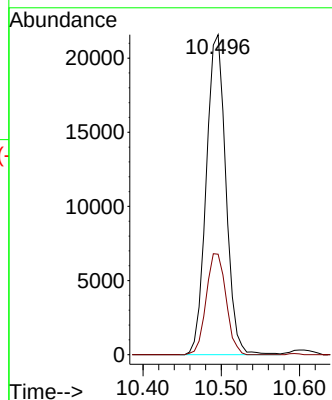
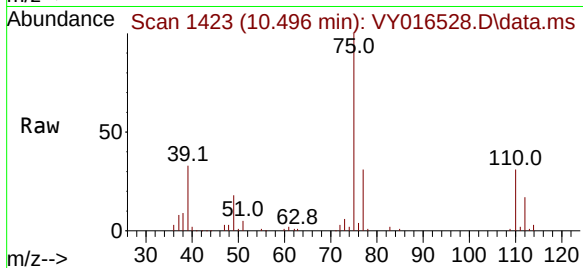
#53
 t-1,3-Dichloropropene
 Concen: 18.556 ug/l
 RT: 10.496 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY016528.D
 Acq: 29 Nov 2023 09:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion: 75 Resp: 3744
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.4

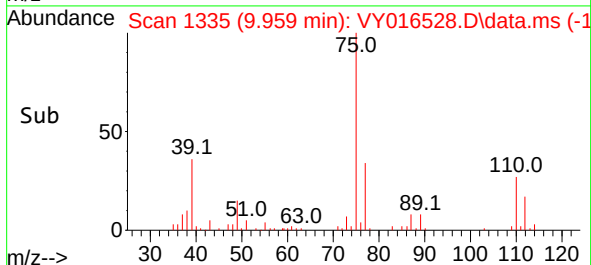
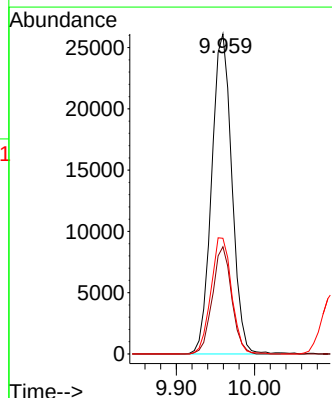
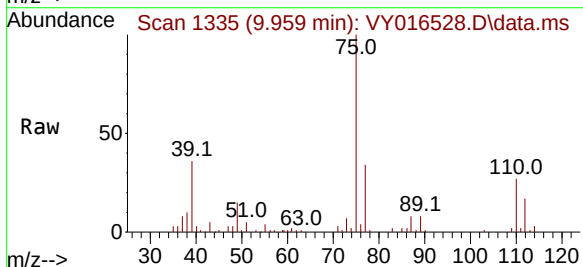
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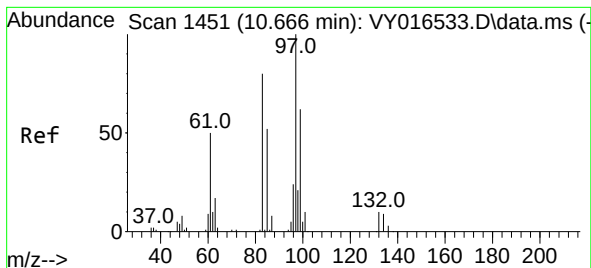
Reviewed By :Mahesh Dadoda 11/30/2023
 Supervised By :Semsettin Yesilyurt 11/30/2023



#54
 cis-1,3-Dichloropropene
 Concen: 19.147 ug/l
 RT: 9.959 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY016528.D
 Acq: 29 Nov 2023 09:33

Tgt Ion: 75 Resp: 46819
 Ion Ratio Lower Upper
 75 100
 77 33.5 24.2 36.4
 39 36.2 42.2 63.4#





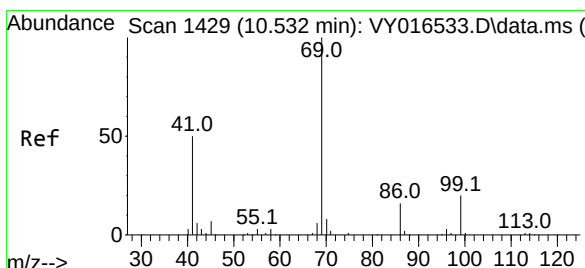
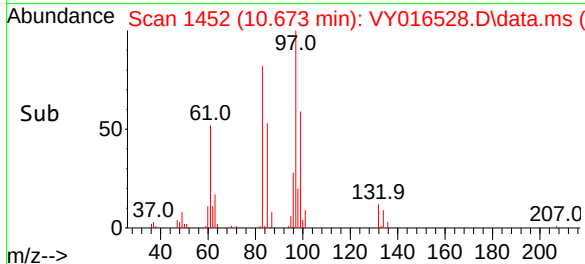
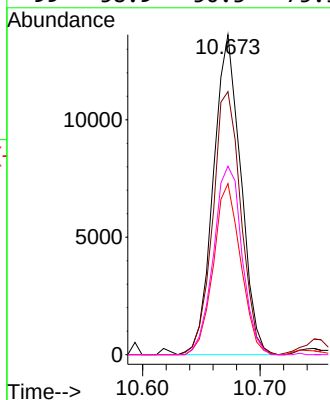
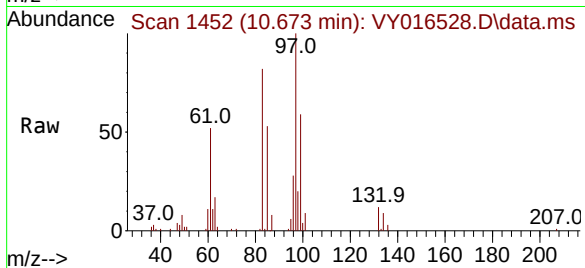
#55
1,1,2-Trichloroethane
Concen: 18.584 ug/l
RT: 10.673 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 97	Resp: 22118
Ion Ratio	Lower Upper
97 100	
83 82.2	72.0 108.0
85 53.5	45.4 68.0
99 58.9	50.3 75.5

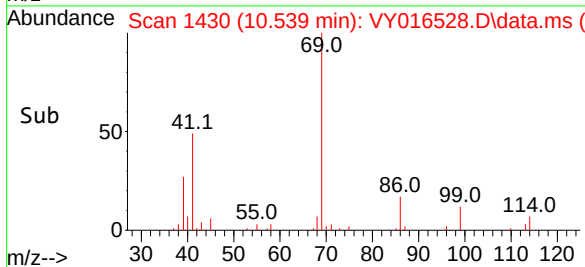
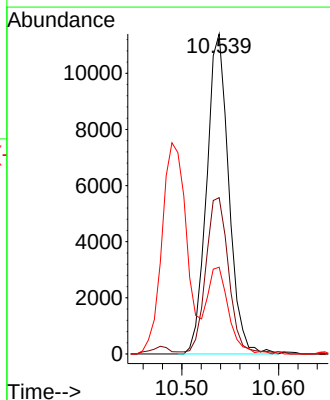
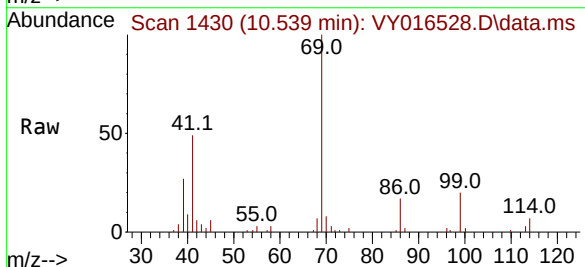
Manual Integrations
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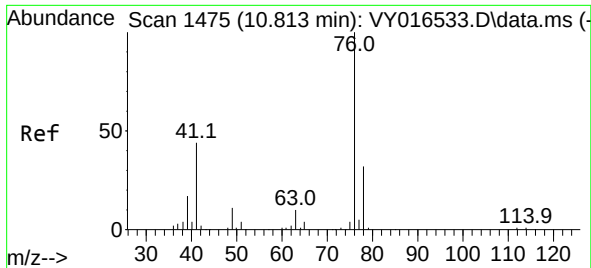
Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#56
Ethyl methacrylate
Concen: 18.006 ug/l
RT: 10.539 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

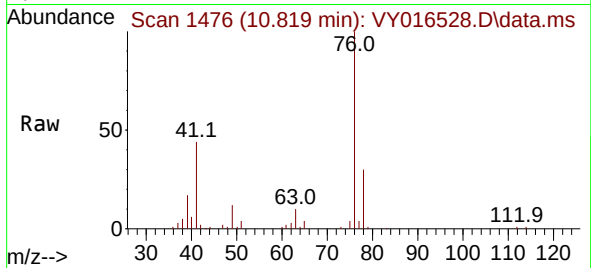
Tgt Ion: 69	Resp: 18135
Ion Ratio	Lower Upper
69 100	
41 51.0	57.6 86.4#
39 25.5	34.1 51.1#





#57
1,3-Dichloropropane
Concen: 18.795 ug/l
RT: 10.819 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

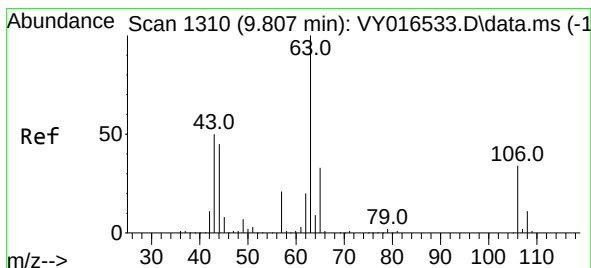
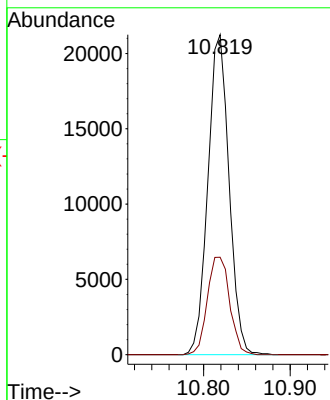
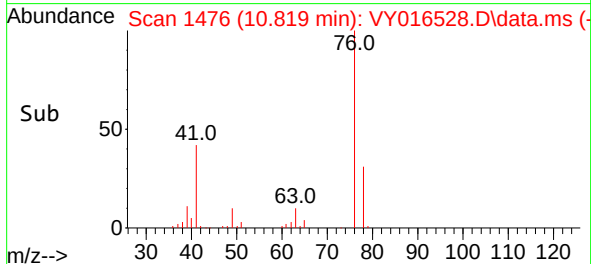
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 3603
Ion Ratio Lower Upper
76 100
78 32.2 25.3 37.9

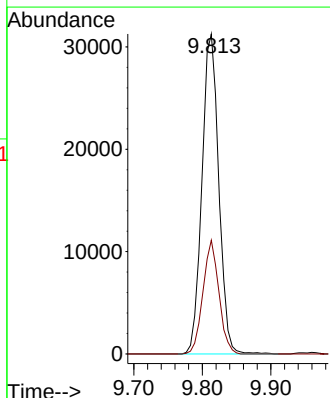
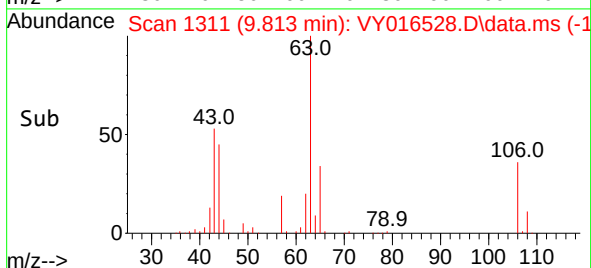
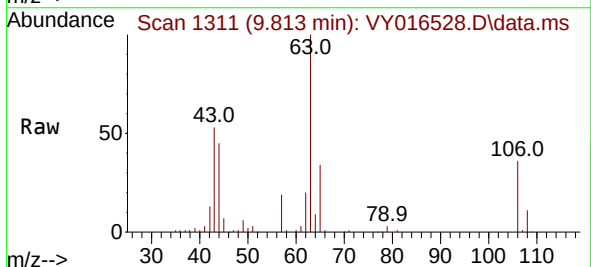
Manual Integrations
APPROVED

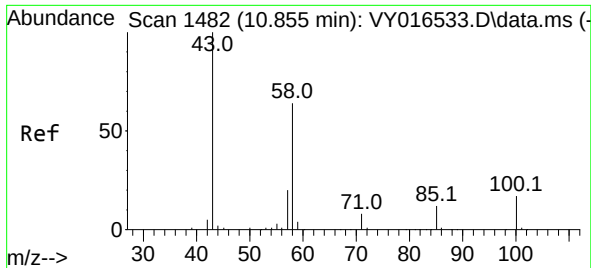
Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#58
2-Chloroethyl Vinyl ether
Concen: 85.821 ug/l
RT: 9.813 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion: 63 Resp: 53450
Ion Ratio Lower Upper
63 100
106 33.7 21.2 31.8





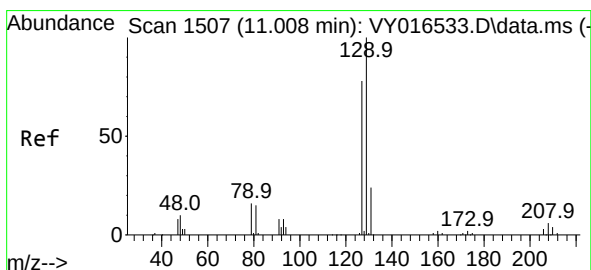
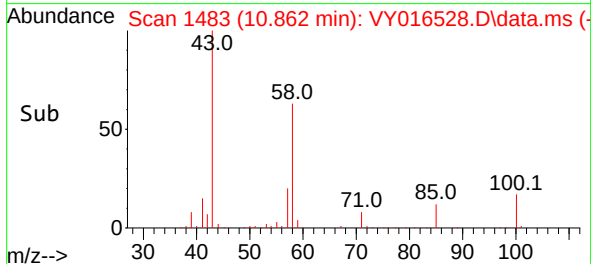
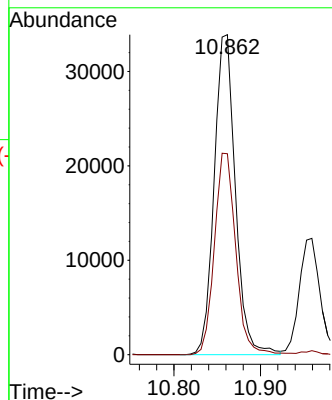
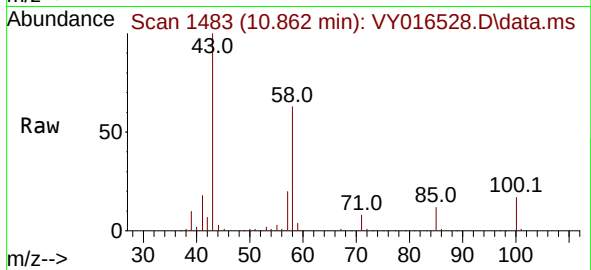
#59
2-Hexanone
Concen: 99.204 ug/l
RT: 10.862 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 57762
Ion Ratio Lower Upper
43 100
58 63.2 25.1 75.3

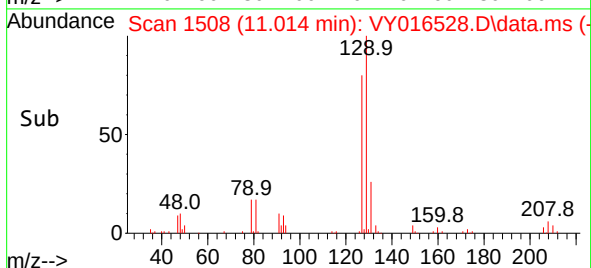
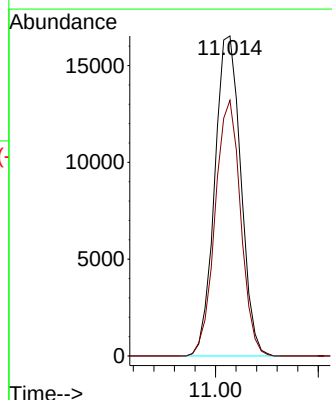
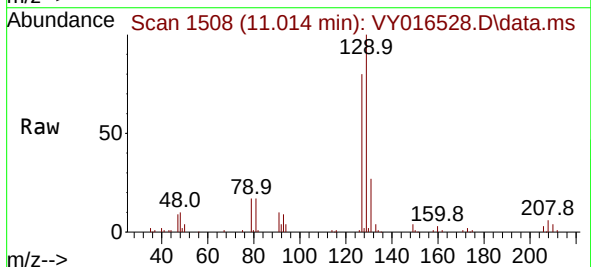
Manual Integrations
APPROVED

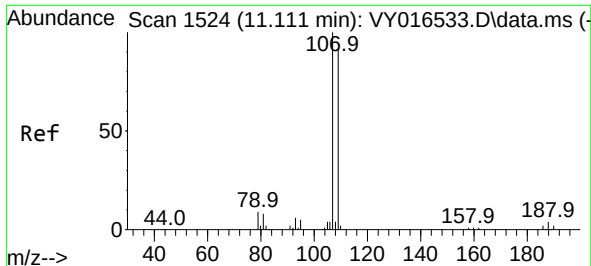
Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#60
Dibromochloromethane
Concen: 18.730 ug/l
RT: 11.014 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

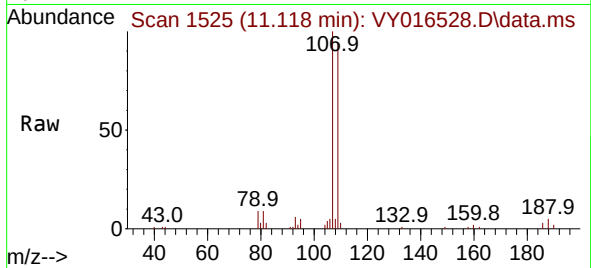
Tgt Ion:129 Resp: 29137
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5





#61
1,2-Dibromoethane
Concen: 18.047 ug/l
RT: 11.118 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

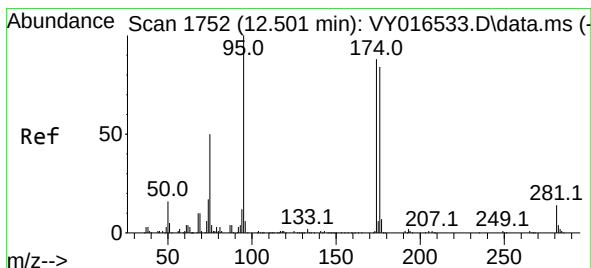
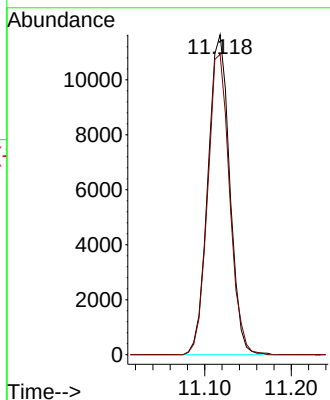
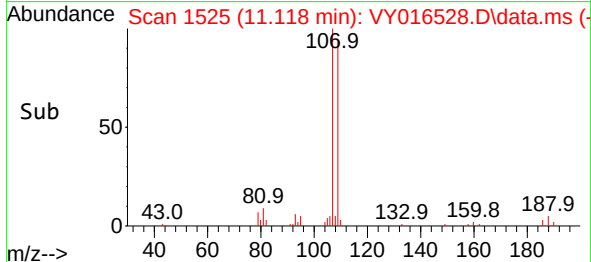
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:107 Resp: 2028
Ion Ratio Lower Upper
107 100
109 94.7 75.6 113.4

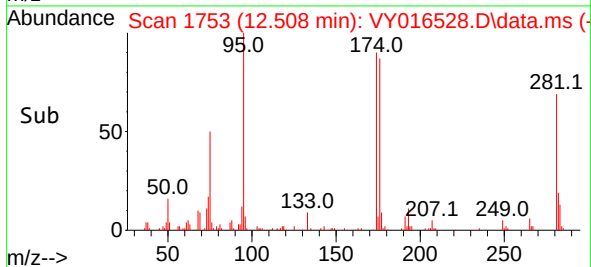
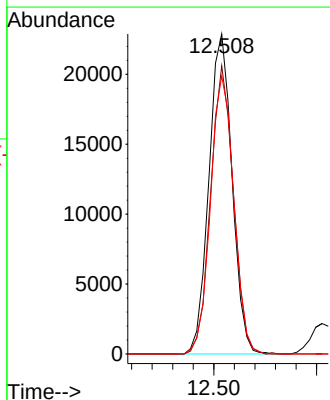
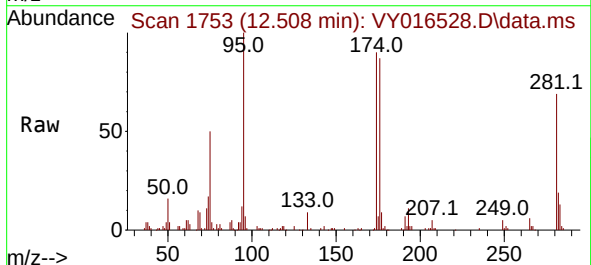
Manual Integrations
APPROVED

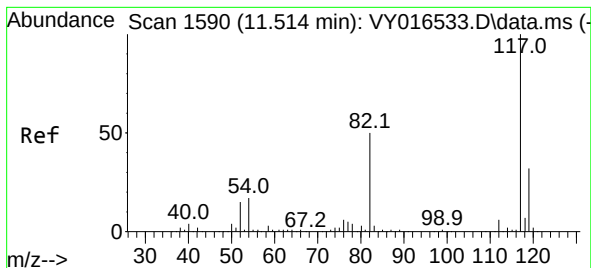
Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#62
4-Bromofluorobenzene
Concen: 18.947 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion: 95 Resp: 35791
Ion Ratio Lower Upper
95 100
174 88.5 0.0 178.2
176 87.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:117 Resp: 21842

Ion Ratio Lower Upper

117 100

82 48.5 43.4 65.0

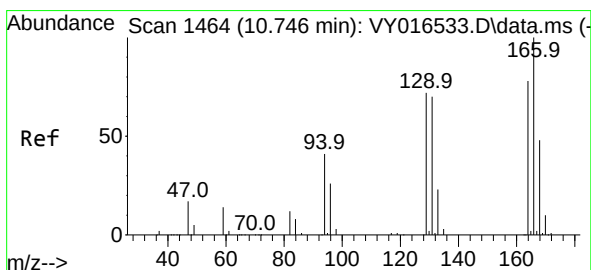
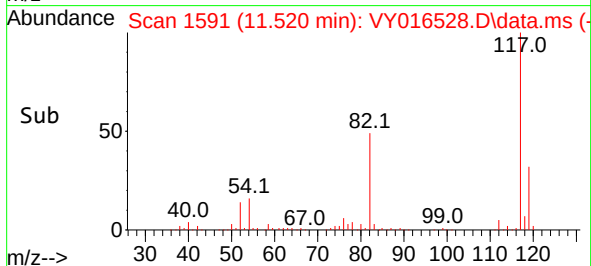
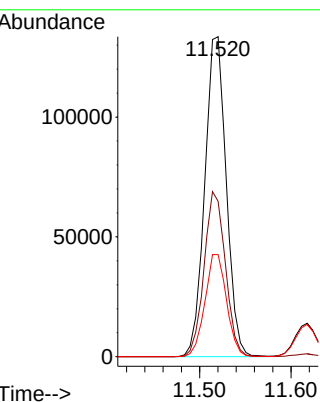
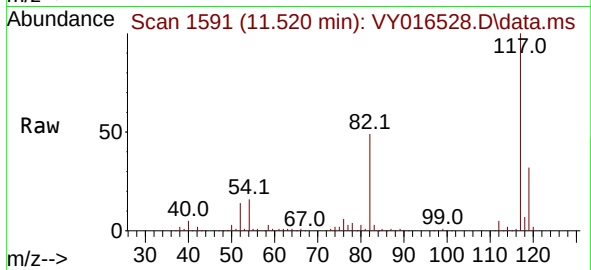
119 31.9 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/30/2023

Supervised By :Semsettin Yesilyurt 11/30/2023



#64

Tetrachloroethene

Concen: 21.228 ug/l

RT: 10.752 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Tgt Ion:164 Resp: 41264

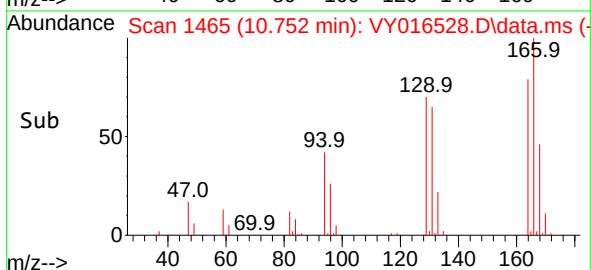
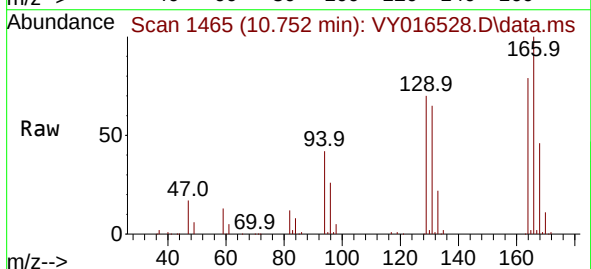
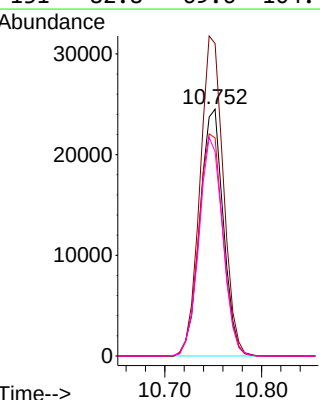
Ion Ratio Lower Upper

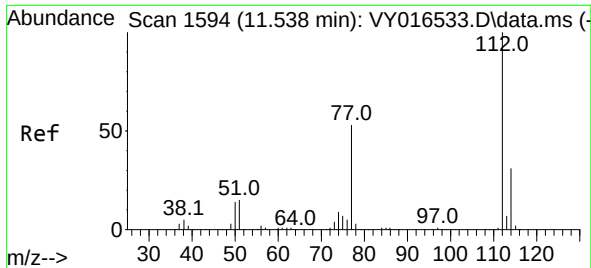
164 100

166 126.7 103.0 154.6

129 88.4 77.2 115.8

131 82.8 69.6 104.4





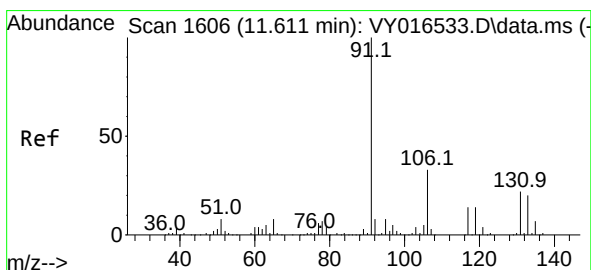
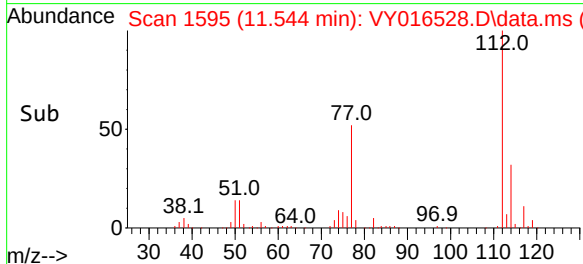
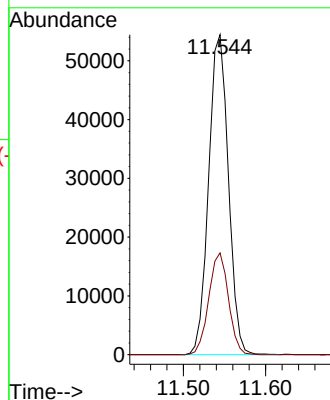
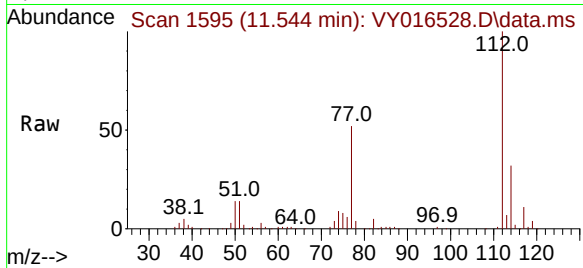
#65
Chlorobenzene
Concen: 20.715 ug/l
RT: 11.544 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 9061
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3

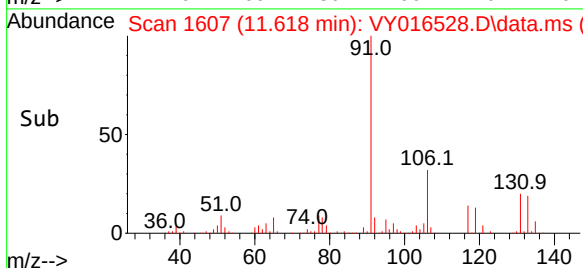
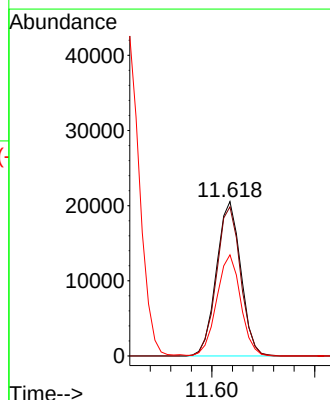
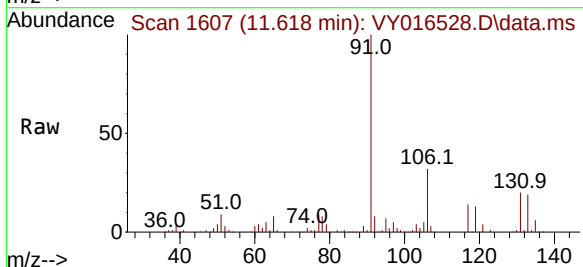
Manual Integrations
APPROVED

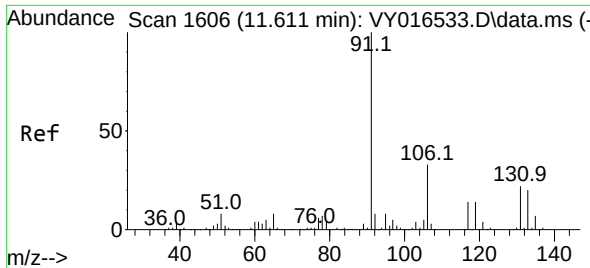
Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.141 ug/l
RT: 11.618 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion:131 Resp: 33774
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.6
119 64.7 31.6 94.7





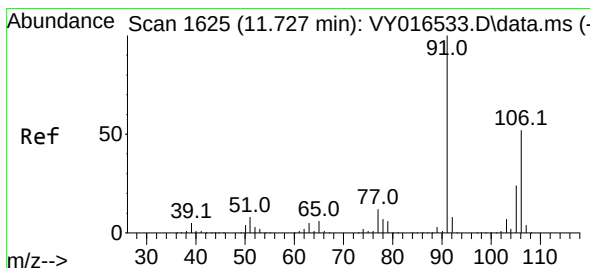
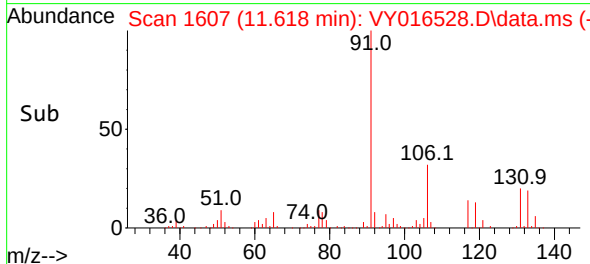
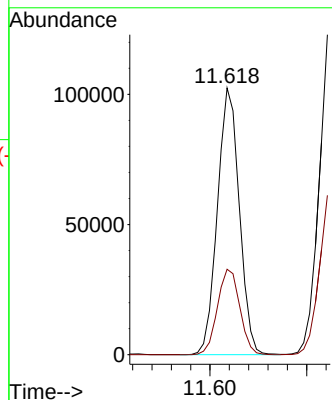
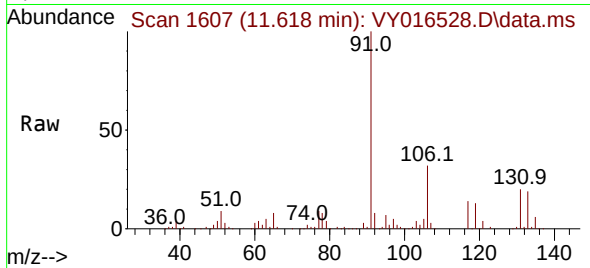
#67
Ethyl Benzene
Concen: 20.951 ug/l
RT: 11.618 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 160872
Ion Ratio Lower Upper
91 100
106 32.0 24.6 36.8

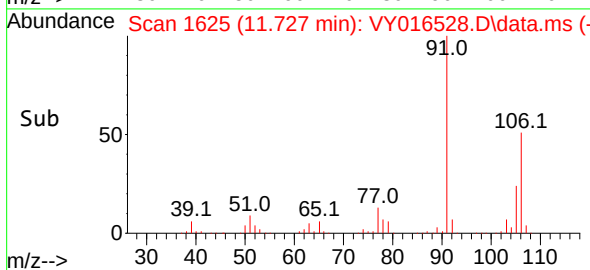
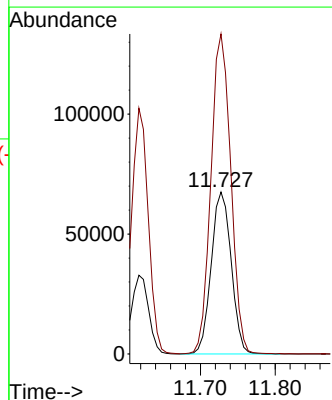
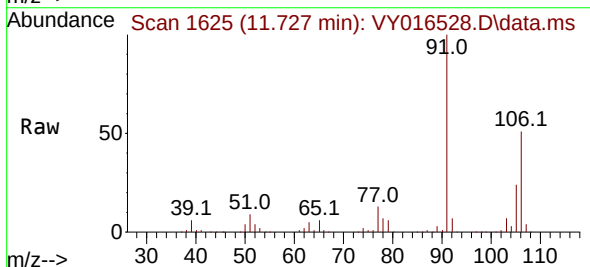
Manual Integrations
APPROVED

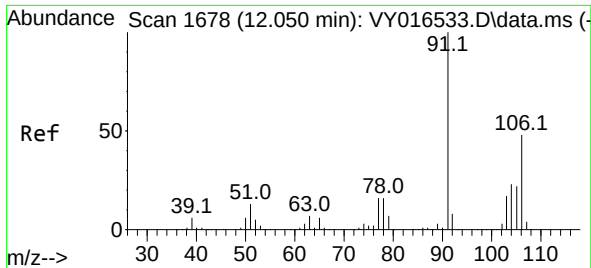
Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#68
m/p-Xylenes
Concen: 42.286 ug/l
RT: 11.727 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion:106 Resp: 125658
Ion Ratio Lower Upper
106 100
91 197.1 166.1 249.1





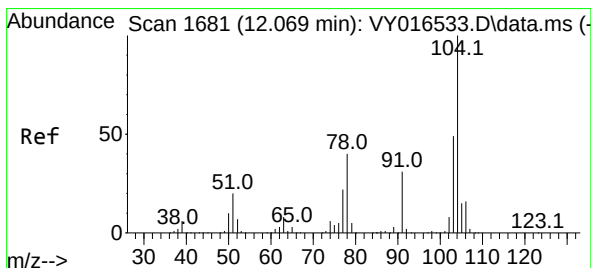
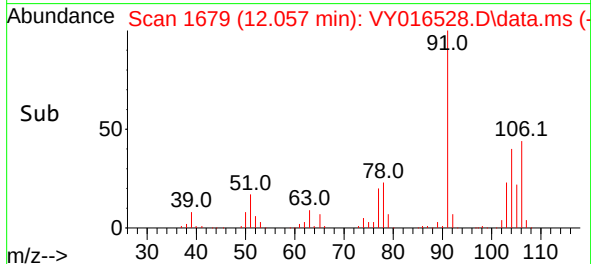
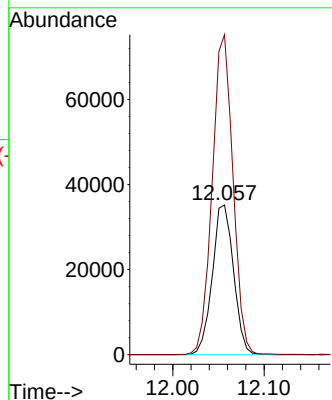
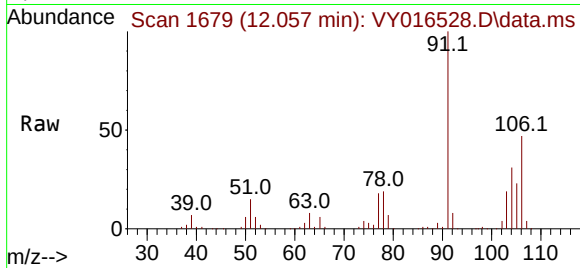
#69
o-Xylene
Concen: 20.787 ug/l
RT: 12.057 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 56709
Ion Ratio Lower Upper
106 100
91 209.3 108.1 324.3

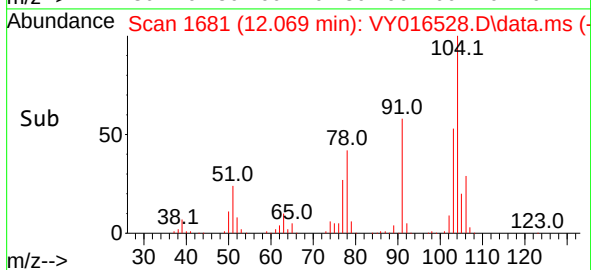
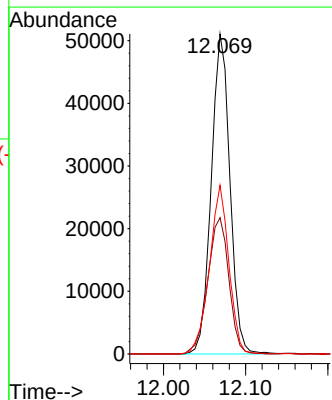
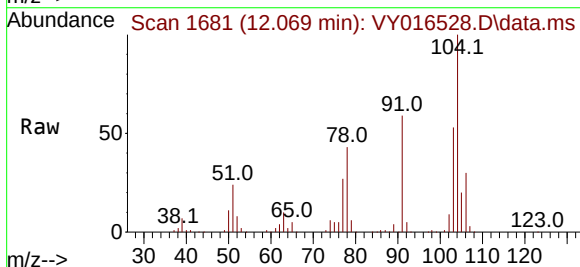
Manual Integrations
APPROVED

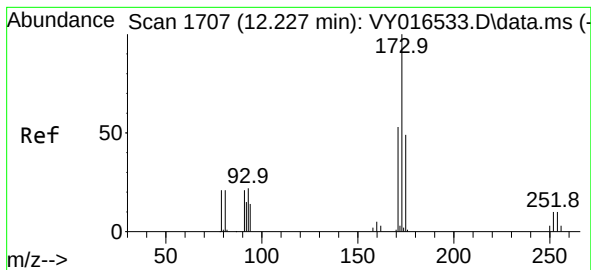
Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#70
Styrene
Concen: 20.544 ug/l
RT: 12.069 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion:104 Resp: 80640
Ion Ratio Lower Upper
104 100
78 48.0 41.5 62.3
103 54.9 44.6 67.0





#71

Bromoform

Concen: 18.466 ug/l

RT: 12.233 min Scan# 1707

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

ClientSampleId :

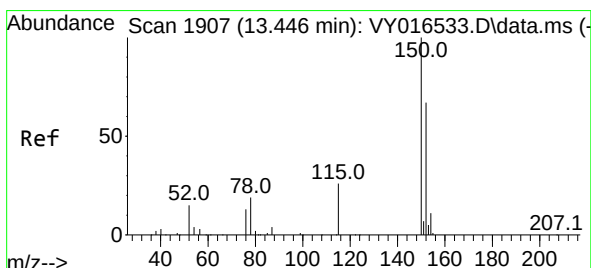
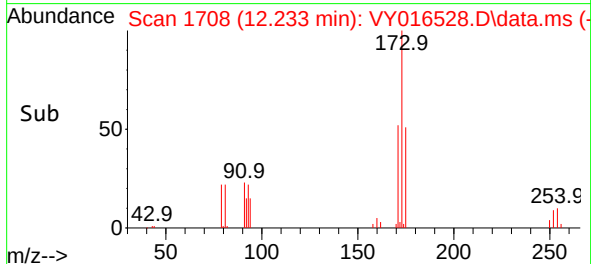
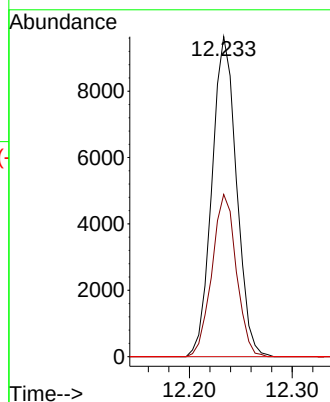
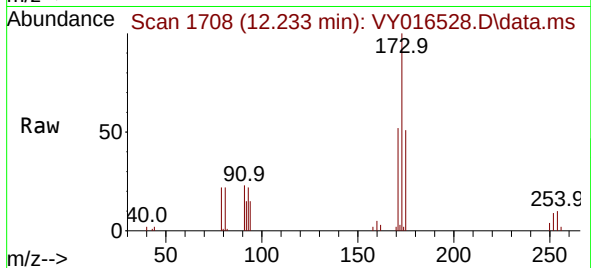
VSTDIC020

Tgt Ion:	173	Resp:	15994
Ion Ratio	Lower	Upper	
173	100		
175	50.3	24.6	73.8
254	0.0	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

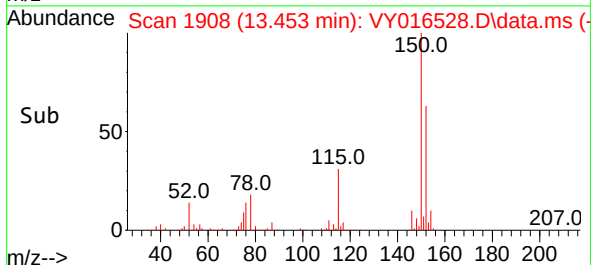
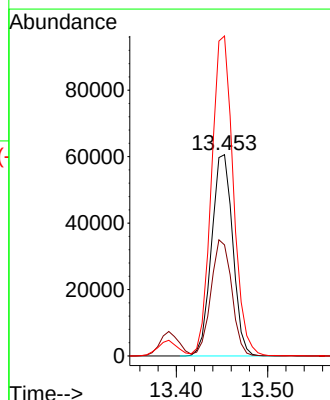
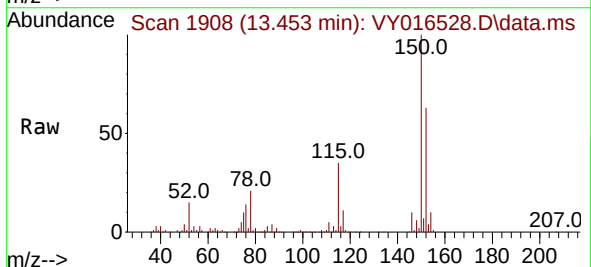
RT: 13.453 min Scan# 1908

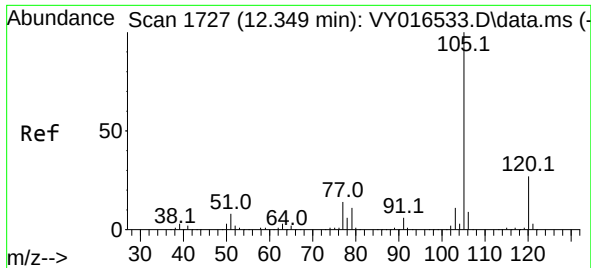
Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Tgt Ion:	152	Resp:	97558
Ion Ratio	Lower	Upper	
152	100		
115	56.8	28.8	86.5
150	163.6	0.0	348.8





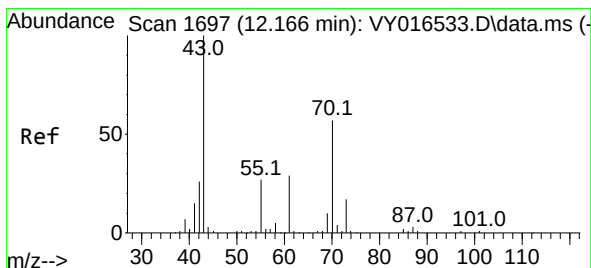
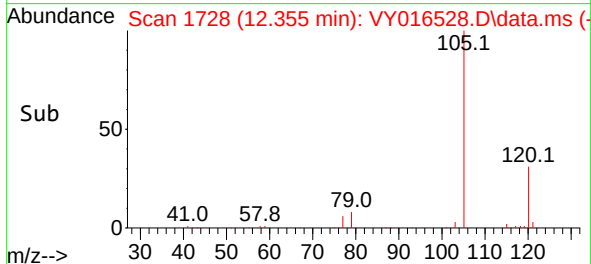
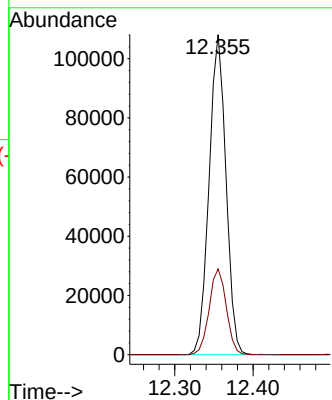
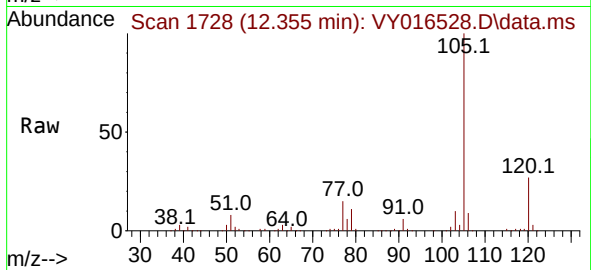
#73
Isopropylbenzene
Concen: 21.846 ug/l
RT: 12.355 min Scan# 1727
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 16162
Ion Ratio Lower Upper
105 100
120 27.1 13.3 39.9

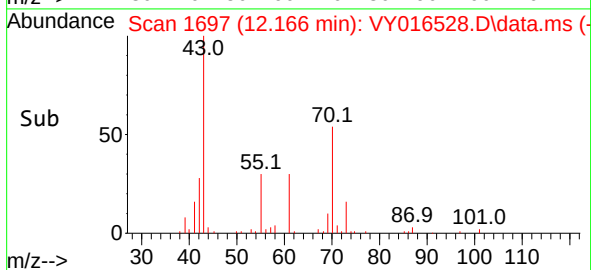
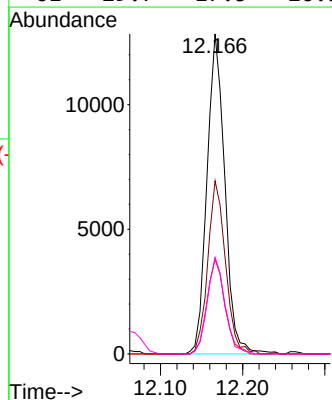
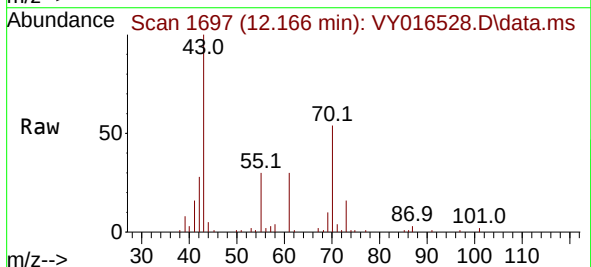
Manual Integrations
APPROVED

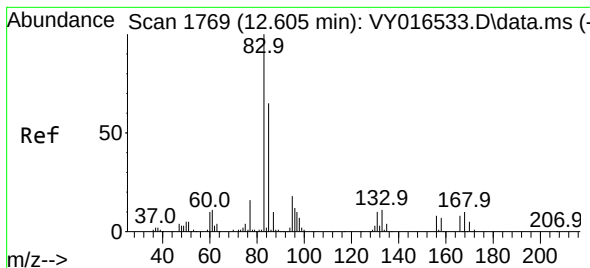
Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#74
N-ethyl acetate
Concen: 18.520 ug/l
RT: 12.166 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion: 43 Resp: 19350
Ion Ratio Lower Upper
43 100
70 53.9 29.7 44.5#
55 29.8 18.3 27.5#
61 29.7 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 19.309 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

ClientSampleId :

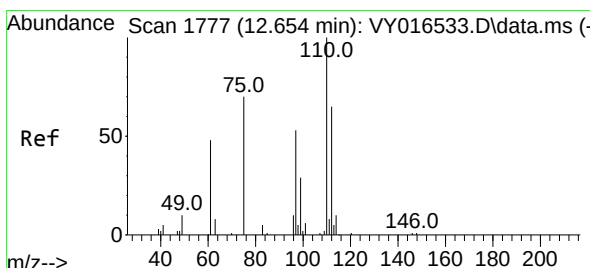
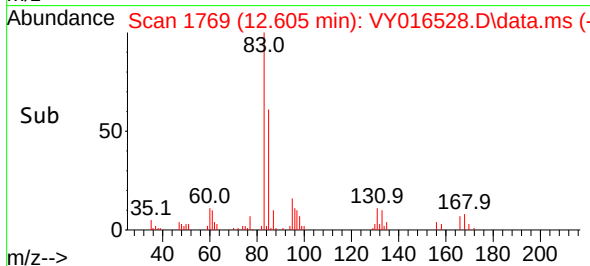
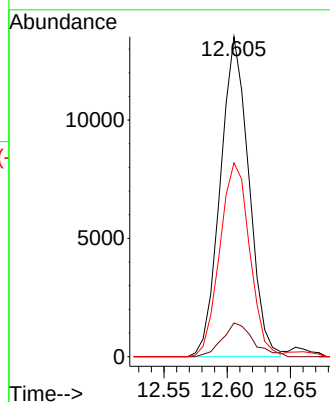
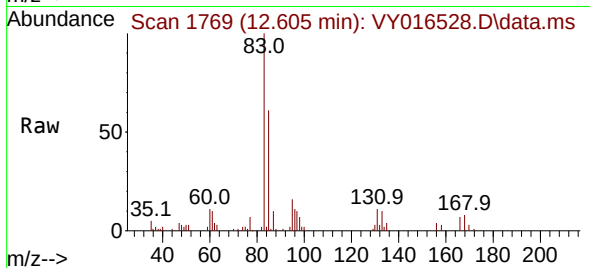
VSTDICC020

Tgt Ion:	83	Resp:	21200
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.4	16.2
85	63.4	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#76

1,2,3-Trichloropropane

Concen: 20.031 ug/l m

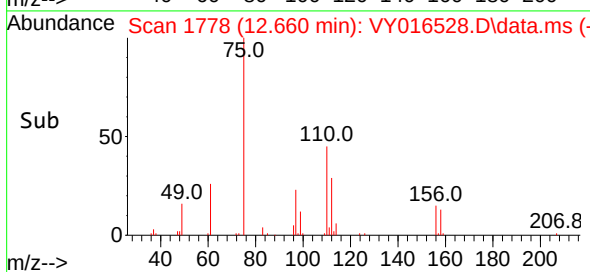
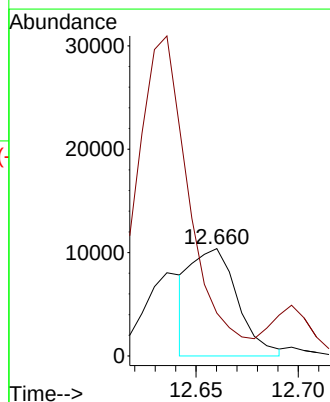
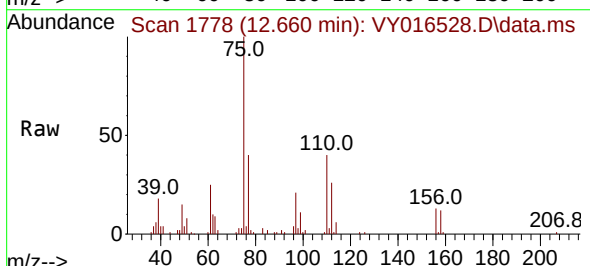
RT: 12.660 min Scan# 1778

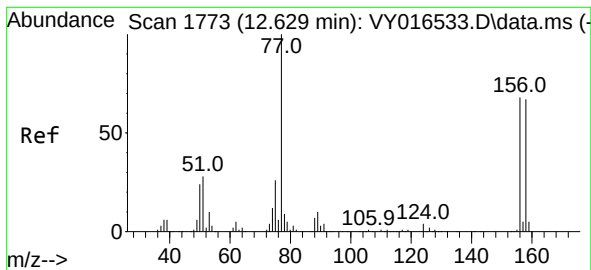
Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Tgt Ion:	75	Resp:	16462
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.157 ug/l

RT: 12.636 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

ClientSampleId :

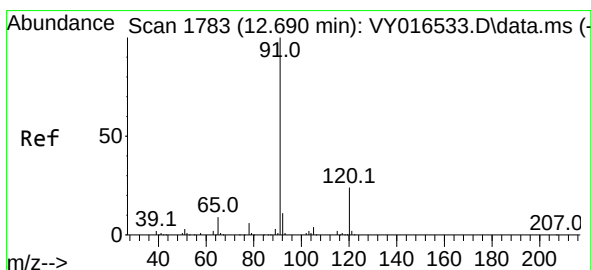
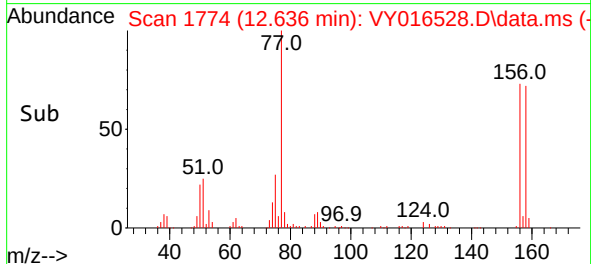
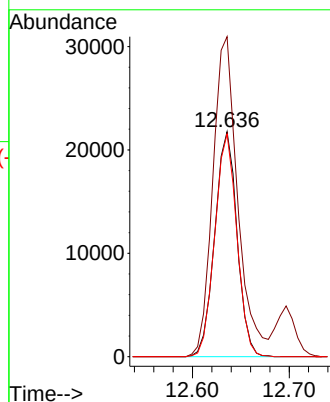
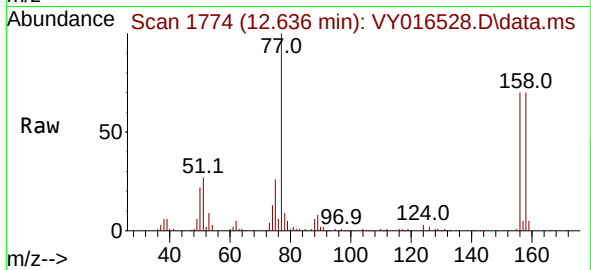
VSTDICC020

Tgt Ion:	156	Resp:	34724
Ion Ratio	Lower	Upper	
156	100		
77	159.8	92.8	278.6
158	98.2	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#78

n-propylbenzene

Concen: 21.890 ug/l

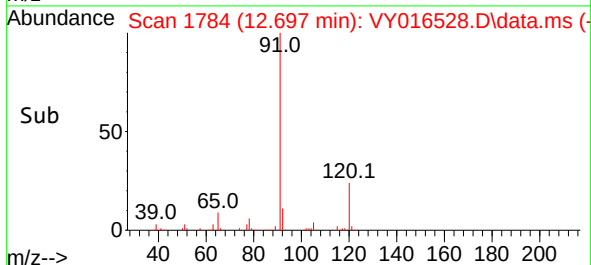
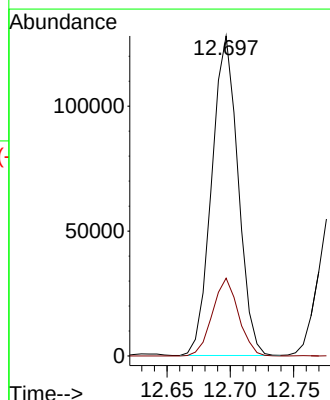
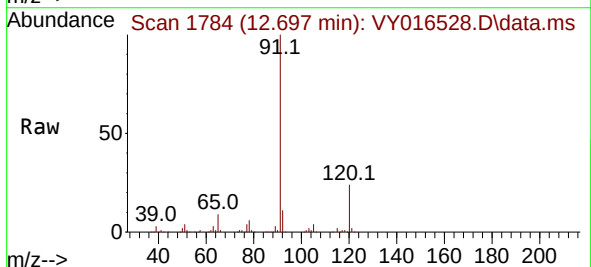
RT: 12.697 min Scan# 1784

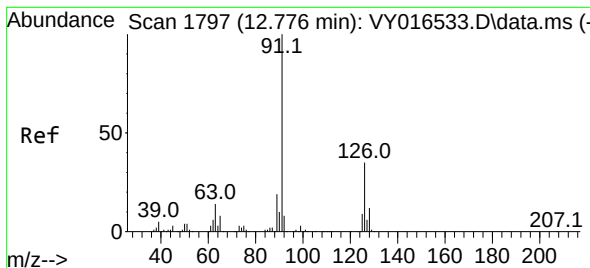
Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Tgt Ion:	91	Resp:	185279
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.5	34.4





#79

2-Chlorotoluene

Concen: 21.364 ug/l

RT: 12.782 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 10057

Ion Ratio Lower Upper

91 100

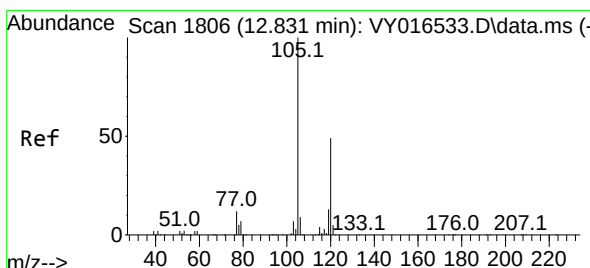
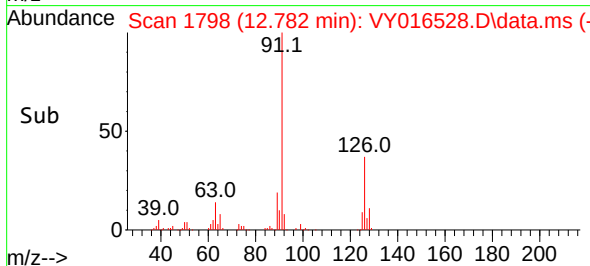
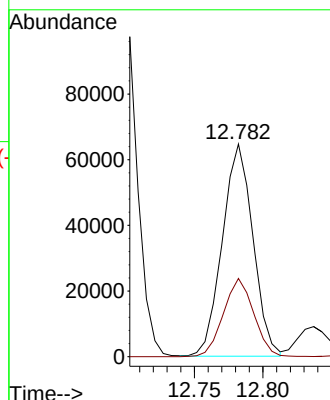
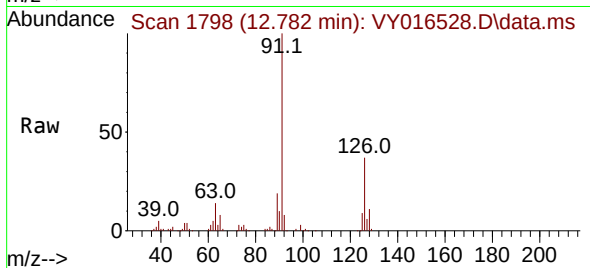
126 36.6 17.3 51.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/30/2023

Supervised By :Semsettin Yesilyurt 11/30/2023



#80

1,3,5-Trimethylbenzene

Concen: 21.692 ug/l

RT: 12.837 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VY016528.D

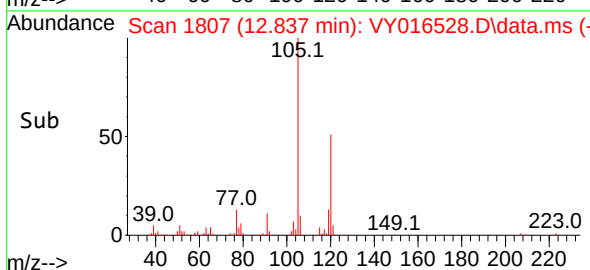
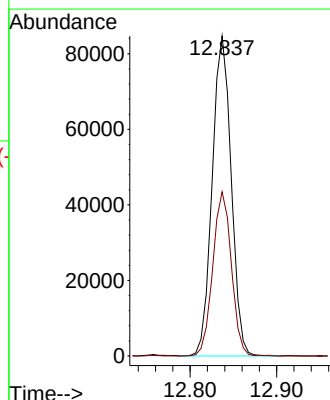
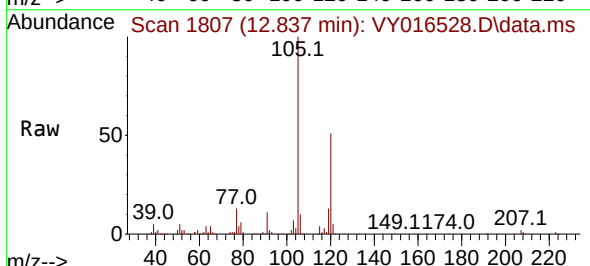
Acq: 29 Nov 2023 09:33

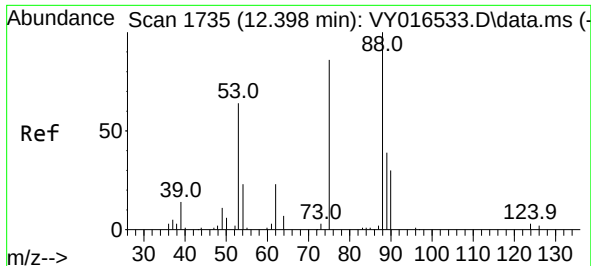
Tgt Ion:105 Resp: 129006

Ion Ratio Lower Upper

105 100

120 50.2 23.9 71.7





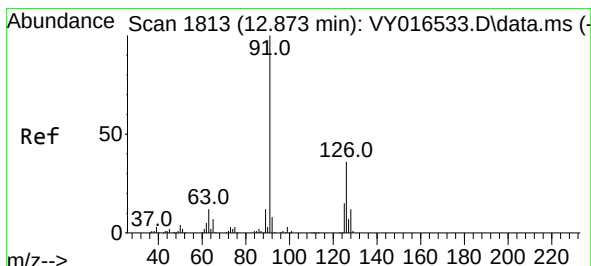
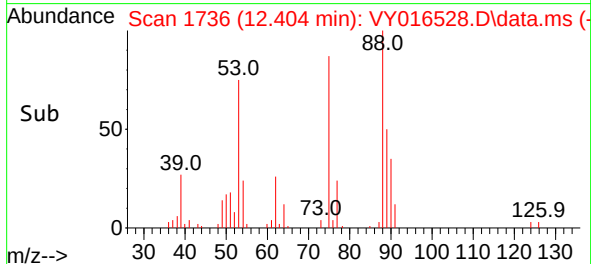
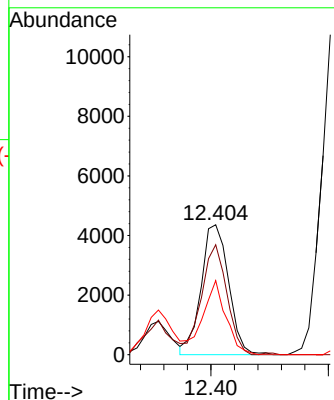
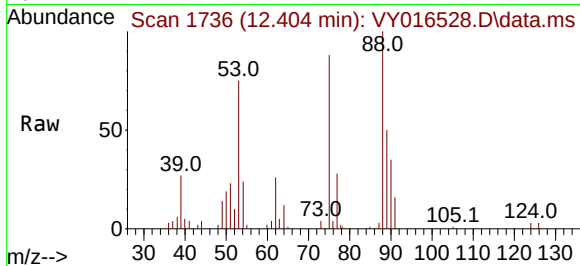
#81
trans-1,4-Dichloro-2-butene
Concen: 18.872 ug/l
RT: 12.404 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 7088
Ion Ratio Lower Upper
75 100
53 78.5 77.8 116.8
89 49.3 37.4 56.0

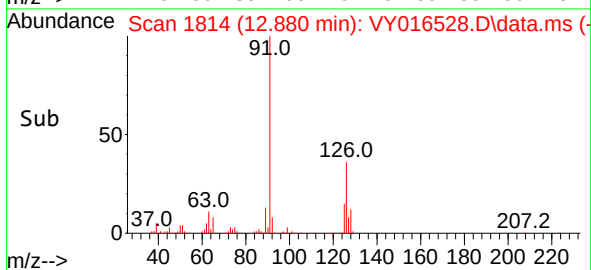
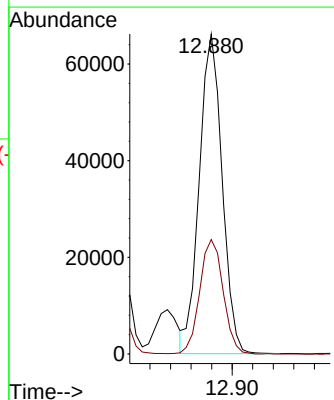
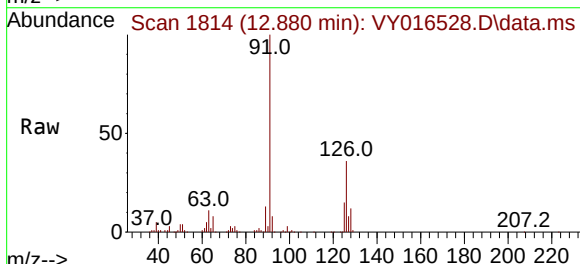
Manual Integrations
APPROVED

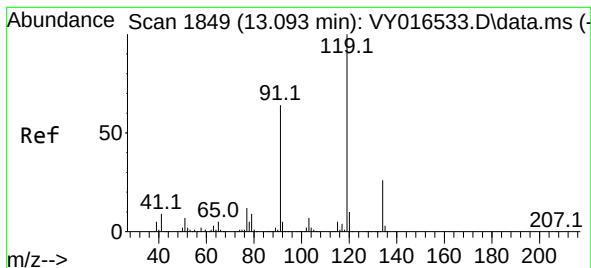
Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#82
4-Chlorotoluene
Concen: 21.122 ug/l
RT: 12.880 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion: 91 Resp: 102093
Ion Ratio Lower Upper
91 100
126 36.7 17.2 51.6





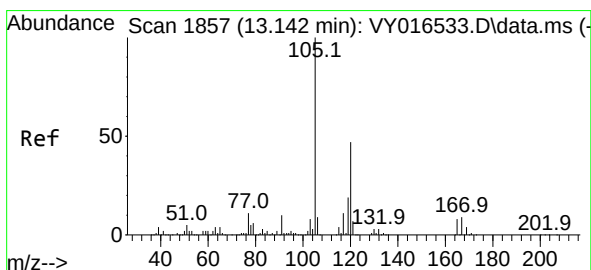
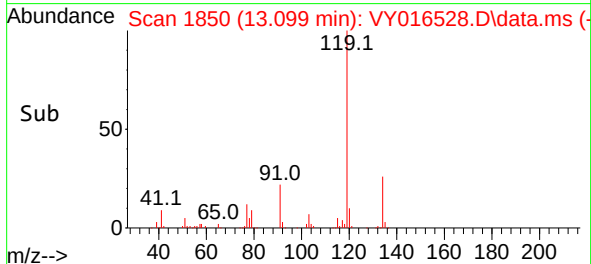
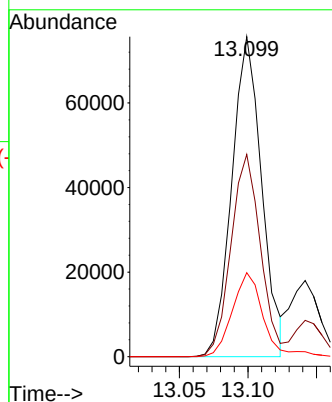
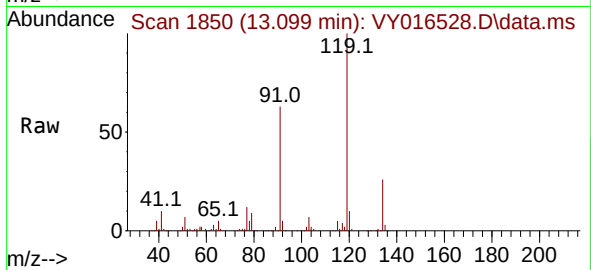
#83
tert-Butylbenzene
Concen: 21.405 ug/l
RT: 13.099 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 114880
Ion Ratio Lower Upper
119 100
91 62.2 32.9 98.6
134 27.2 13.0 38.9

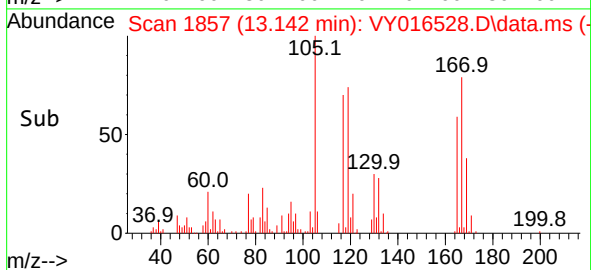
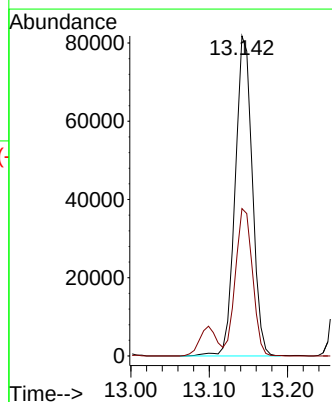
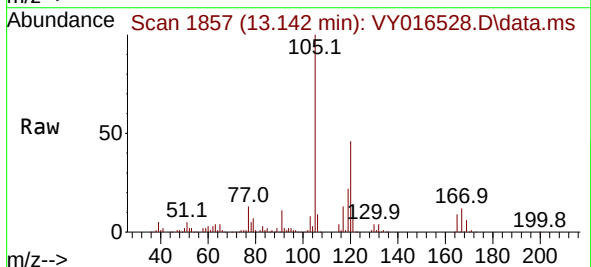
Manual Integrations
APPROVED

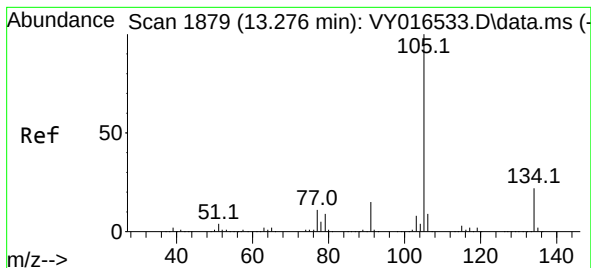
Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#84
1,2,4-Trimethylbenzene
Concen: 21.395 ug/l
RT: 13.142 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

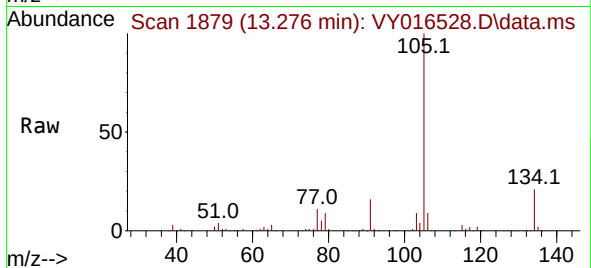
Tgt Ion:105 Resp: 123880
Ion Ratio Lower Upper
105 100
120 45.9 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 21.886 ug/l
 RT: 13.276 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY016528.D
 Acq: 29 Nov 2023 09:33

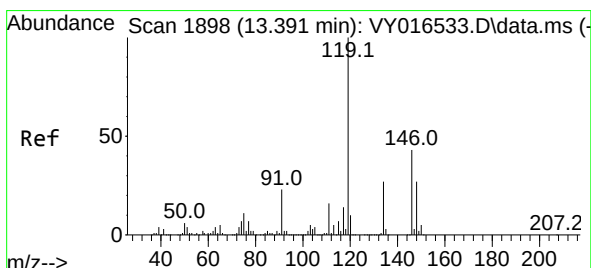
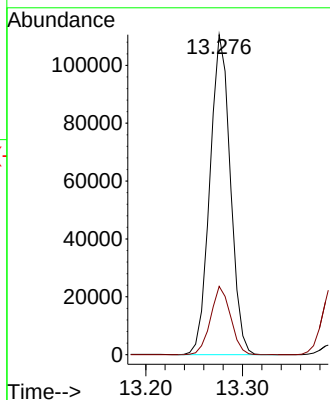
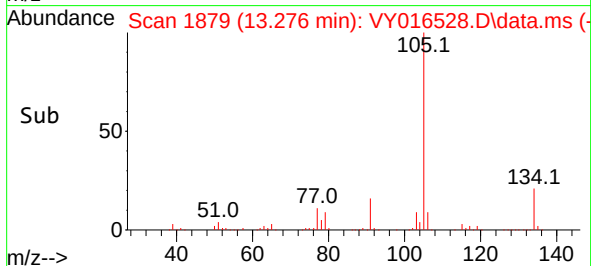
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



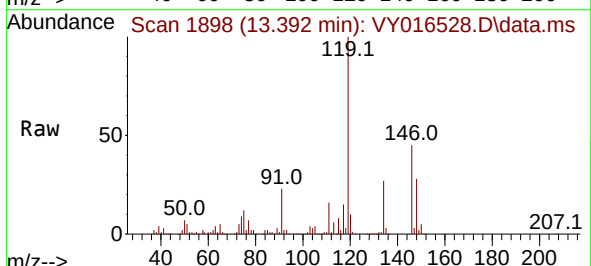
Tgt Ion:105 Resp: 162460
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.6

Manual Integrations
 APPROVED

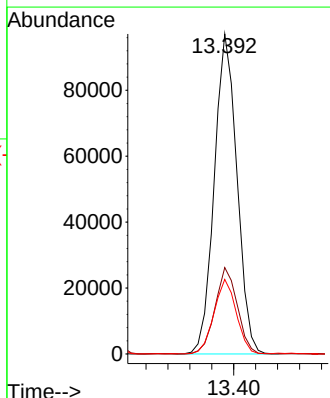
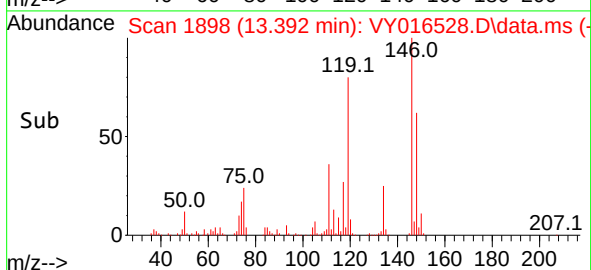
Reviewed By :Mahesh Dadoda 11/30/2023
 Supervised By :Semsettin Yesilyurt 11/30/2023

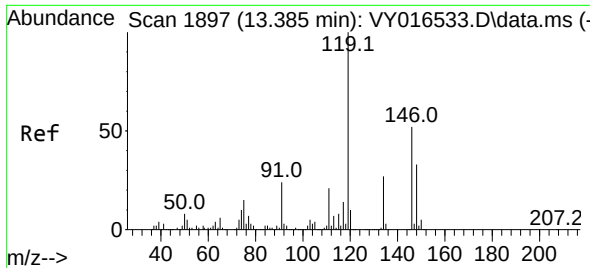


#86
 p-Isopropyltoluene
 Concen: 21.758 ug/l
 RT: 13.392 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY016528.D
 Acq: 29 Nov 2023 09:33



Tgt Ion:119 Resp: 139545
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 22.8 12.4 37.4





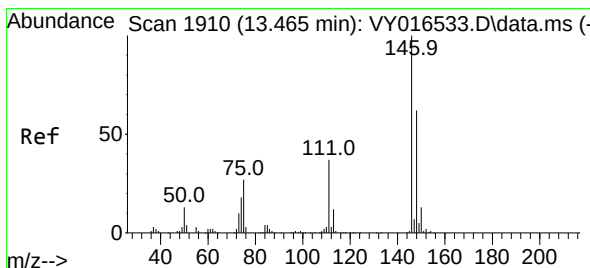
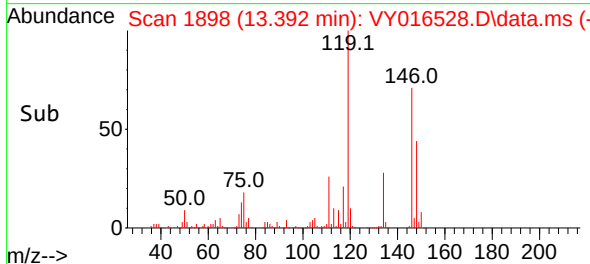
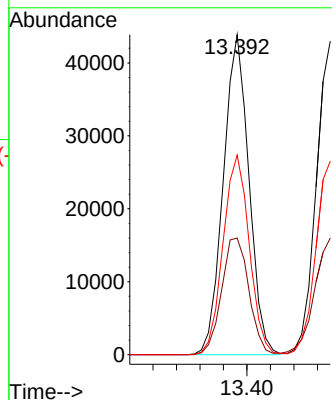
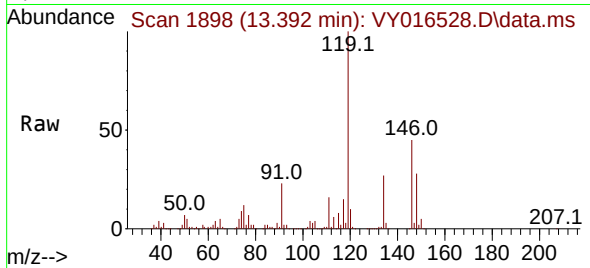
#87
1,3-Dichlorobenzene
Concen: 20.425 ug/l
RT: 13.392 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 66440
Ion Ratio Lower Upper
146 100
111 39.0 19.4 58.2
148 63.7 31.9 95.5

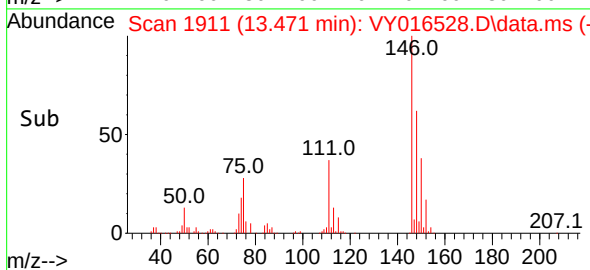
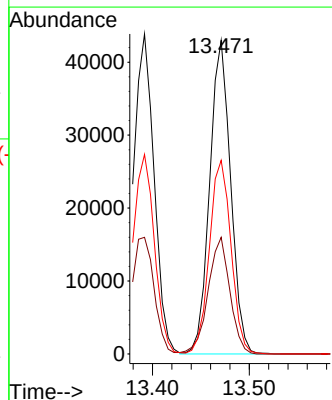
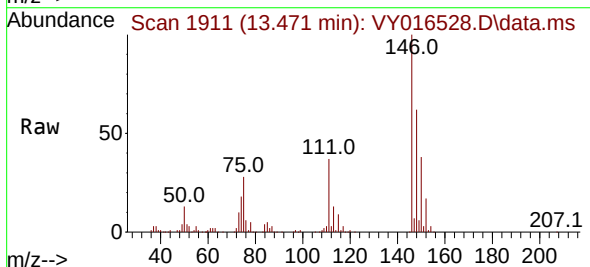
Manual Integrations
APPROVED

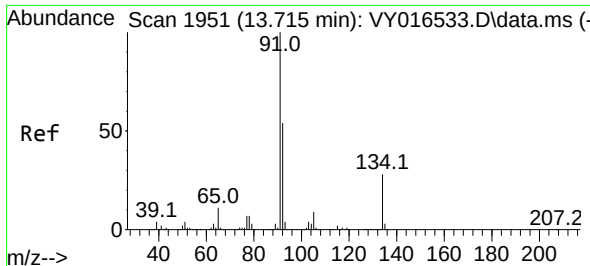
Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#88
1,4-Dichlorobenzene
Concen: 20.366 ug/l
RT: 13.471 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion:146 Resp: 64840
Ion Ratio Lower Upper
146 100
111 38.6 18.9 56.7
148 63.8 32.1 96.5





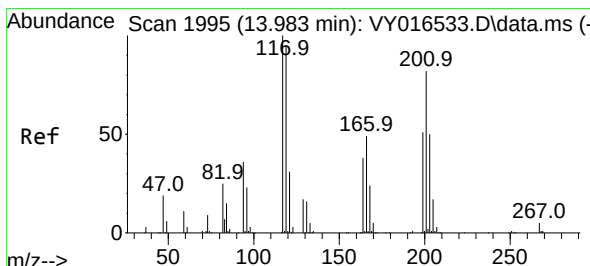
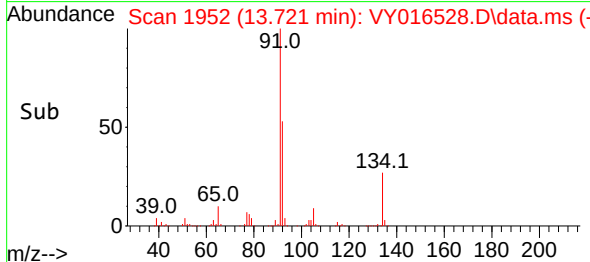
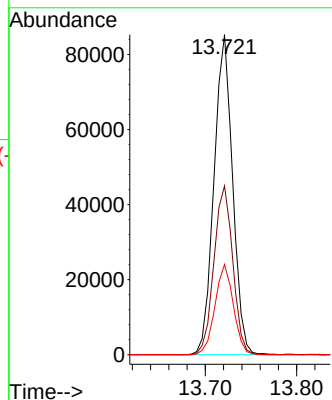
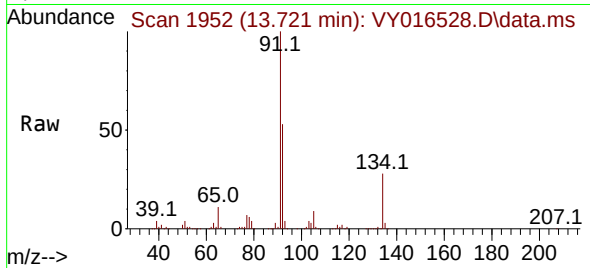
#89
n-Butylbenzene
Concen: 21.442 ug/l
RT: 13.721 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 120540
Ion Ratio Lower Upper
91 100
92 53.3 25.4 76.0
134 27.8 12.6 37.6

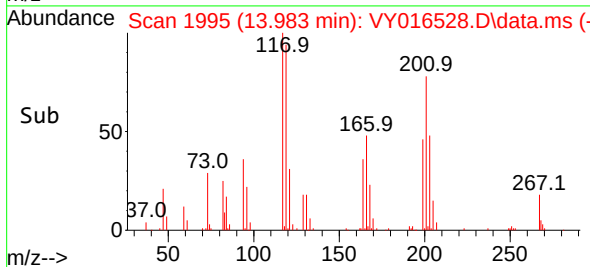
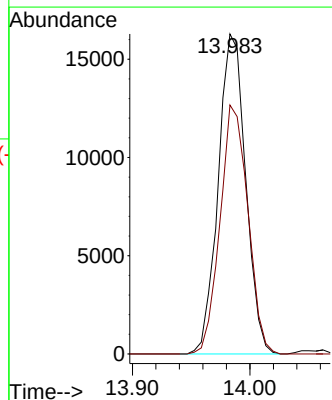
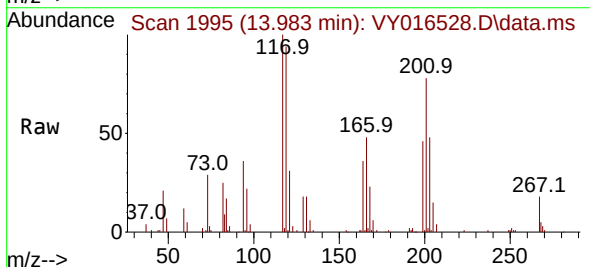
Manual Integrations
APPROVED

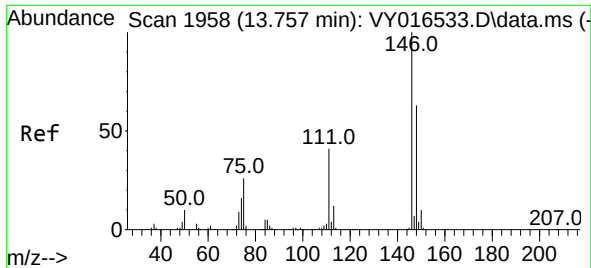
Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#90
Hexachloroethane
Concen: 21.123 ug/l
RT: 13.983 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion:117 Resp: 26433
Ion Ratio Lower Upper
117 100
201 78.8 41.6 124.8





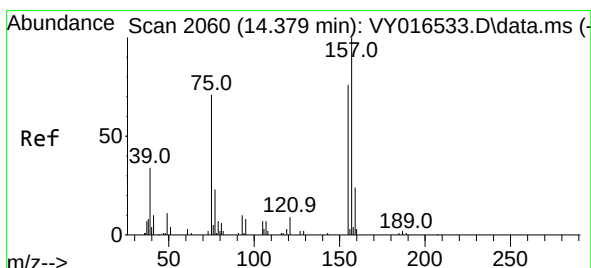
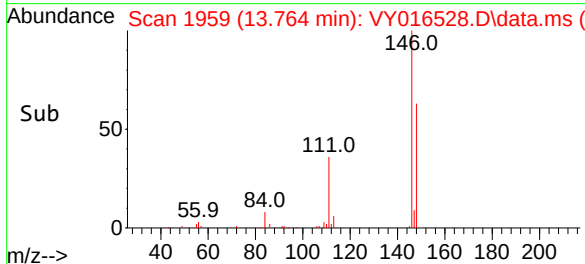
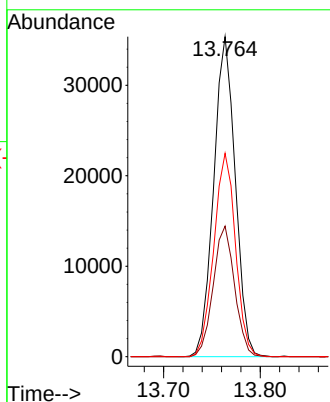
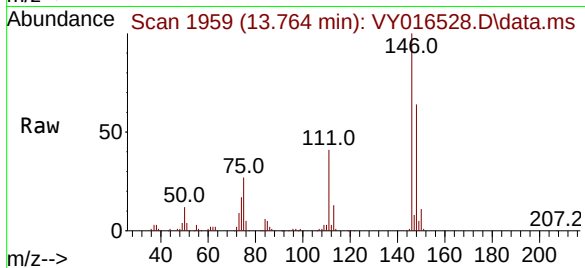
#91
1,2-Dichlorobenzene
Concen: 19.855 ug/l
RT: 13.764 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 5473
Ion Ratio Lower Upper
146 100
111 40.5 19.7 59.0
148 63.9 32.0 96.2

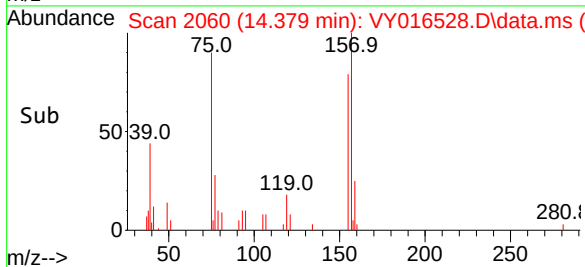
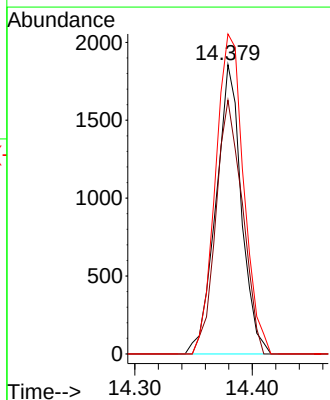
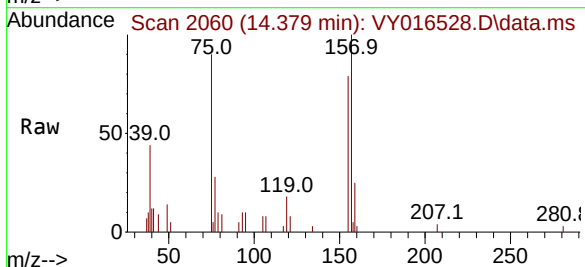
Manual Integrations
APPROVED

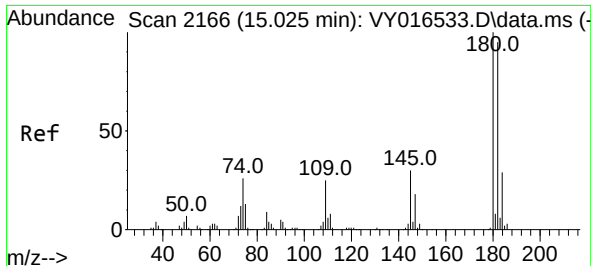
Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.104 ug/l
RT: 14.379 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion: 75 Resp: 2797
Ion Ratio Lower Upper
75 100
155 91.4 41.5 124.6
157 122.6 51.8 155.5





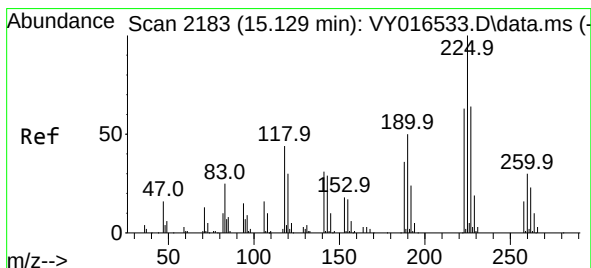
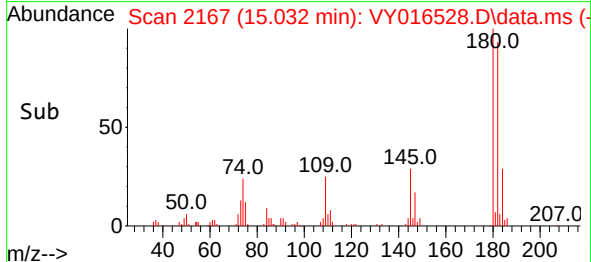
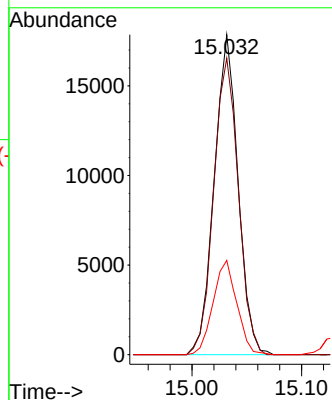
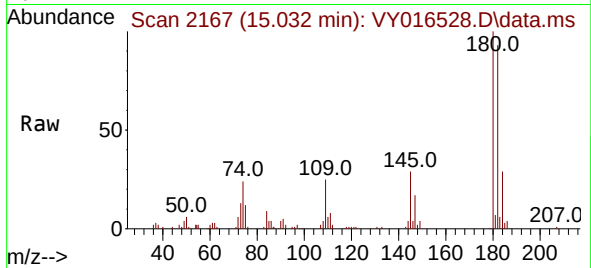
#93
1,2,4-Trichlorobenzene
Concen: 18.288 ug/l
RT: 15.032 min Scan# 2166
Delta R.T. 0.007 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:180 Resp: 2696
Ion Ratio Lower Upper
180 100
182 95.9 47.0 141.2
145 29.4 14.5 43.5

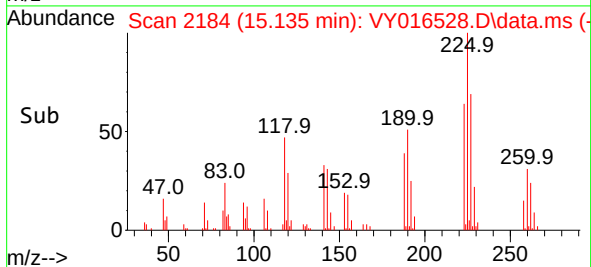
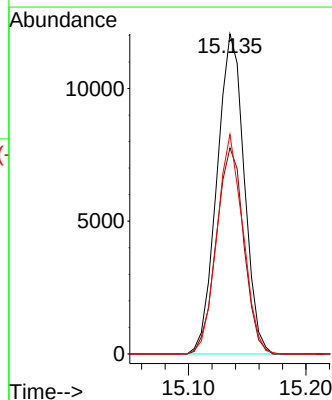
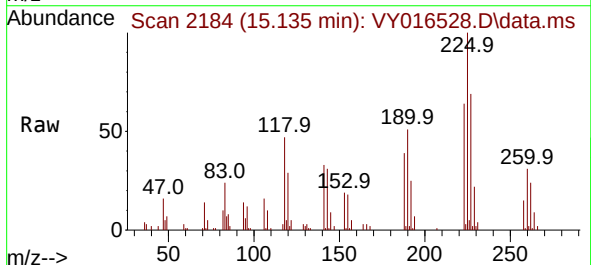
Manual Integrations
APPROVED

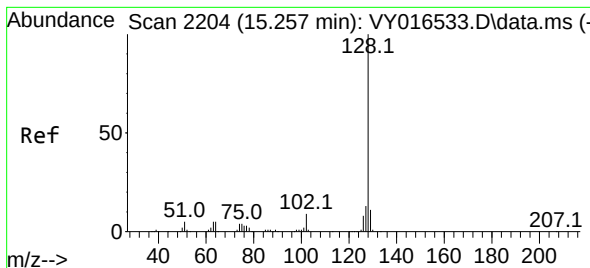
Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#94
Hexachlorobutadiene
Concen: 20.350 ug/l
RT: 15.135 min Scan# 2184
Delta R.T. 0.006 min
Lab File: VY016528.D
Acq: 29 Nov 2023 09:33

Tgt Ion:225 Resp: 19429
Ion Ratio Lower Upper
225 100
223 64.9 31.9 95.9
227 65.8 33.0 98.9





#95

Naphthalene

Concen: 16.730 ug/l

RT: 15.263 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Instrument :

MSVOA_Y

ClientSampleId :

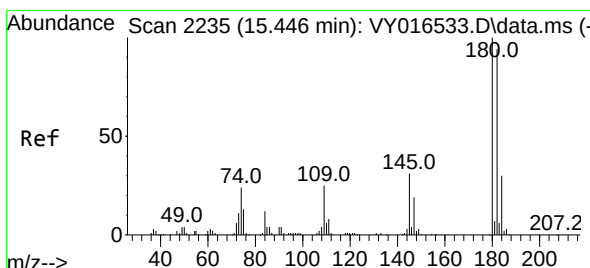
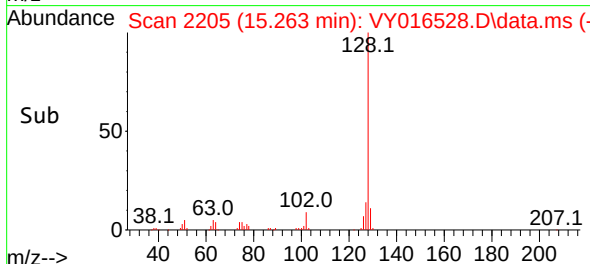
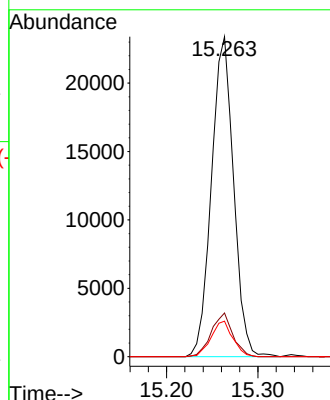
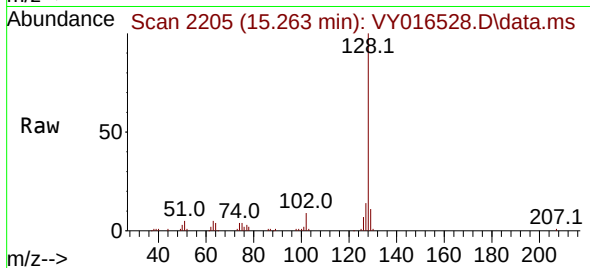
VSTDIC020

Tgt Ion:	128	Resp:	39384
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.8	16.2
129	10.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023



#96

1,2,3-Trichlorobenzene

Concen: 17.779 ug/l

RT: 15.452 min Scan# 2236

Delta R.T. 0.006 min

Lab File: VY016528.D

Acq: 29 Nov 2023 09:33

Tgt Ion:	180	Resp:	20519
Ion Ratio	Lower	Upper	
180	100		
182	93.6	47.3	141.8
145	32.5	15.4	46.2

