

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091620\
 Data File : VX018429.D
 Acq On : 16 Sep 2020 10:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 11:27:23 AM

Quant Time: Sep 16 15:27:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	414487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	628564	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	594792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	335693	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	279081	48.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.00%	
35) Dibromofluoromethane	5.46	113	216844	50.65	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	101.30%	
50) Toluene-d8	8.70	98	743864	46.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.30%	
62) 4-Bromofluorobenzene	11.12	95	316005	50.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	229979	45.572	ug/l	98
3) Chloromethane	1.31	50	218922	41.148	ug/l	97
4) Vinyl Chloride	1.39	62	232996	43.993	ug/l	100
5) Bromomethane	1.62	94	151213	59.194	ug/l	97
6) Chloroethane	1.71	64	139760	49.132	ug/l	100
7) Trichlorofluoromethane	1.92	101	403657	55.895	ug/l	92
8) Diethyl Ether	2.17	74	126701	51.733	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	207003	53.020	ug/l	96
10) Methyl Iodide	2.49	142	228857	54.281	ug/l	97
11) Tert butyl alcohol	3.01	59	255385	228.264	ug/l	98
12) 1,1-Dichloroethene	2.36	96	186409	46.021	ug/l	95
13) Acrolein	2.27	56	115474	248.916	ug/l	98
14) Allyl chloride	2.71	41	363158	49.902	ug/l	96
15) Acrylonitrile	3.11	53	585838	230.836	ug/l	99
16) Acetone	2.42	43	591015	263.591	ug/l	95
17) Carbon Disulfide	2.55	76	502162	41.010	ug/l	98
18) Methyl Acetate	2.75	43	317022	58.593	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	735362	52.936	ug/l	99
20) Methylene Chloride	2.83	84	227031	49.510	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	217156	48.389	ug/l	99
22) Diisopropyl ether	3.82	45	735363	51.197	ug/l	89
23) Vinyl Acetate	3.78	43	3132049	245.063	ug/l	98
24) 1,1-Dichloroethane	3.67	63	413272	50.545	ug/l	98
25) 2-Butanone	4.63	43	861617	233.823	ug/l	96
26) 2,2-Dichloropropane	4.55	77	400788	60.246	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	249989	48.348	ug/l	99
28) Bromochloromethane	4.98	49	178780	45.300	ug/l	99
29) Tetrahydrofuran	5.08	42	520203	221.765	ug/l	99
30) Chloroform	5.17	83	440882	52.076	ug/l	99
31) Cyclohexane	5.54	56	321198	46.636	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	408878	52.628	ug/l	99
36) 1,1-Dichloropropene	5.76	75	313167	54.017	ug/l	99
37) Ethyl Acetate	4.78	43	322313	47.867	ug/l	97
38) Carbon Tetrachloride	5.74	117	384072	58.784	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	336046	53.009	ug/l	99
40) Benzene	6.11	78	875066	51.367	ug/l	99
41) Methacrylonitrile	5.00	41	177946	48.130	ug/l	96
42) 1,2-Dichloroethane	6.15	62	373112	57.165	ug/l	98
43) Isopropyl Acetate	6.41	43	533306	49.036	ug/l	99
44) Trichloroethene	7.18	130	252786	52.516	ug/l	100
45) 1,2-Dichloropropane	7.48	63	238240	51.889	ug/l	94
46) Dibromomethane	7.63	93	168804	52.282	ug/l	99
47) Bromodichloromethane	7.87	83	359365	55.744	ug/l	98
48) Methyl methacrylate	7.74	41	270908	50.038	ug/l	99
49) 1,4-Dioxane	7.71	88	99239	1011.906	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1663900	247.674	ug/l	100
52) Toluene	8.76	92	565859	52.384	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	396637	55.513	ug/l	96
54) cis-1,3-Dichloropropene	8.41	75	412574	54.509	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	241391	52.396	ug/l	97
56) Ethyl methacrylate	9.16	69	355857	51.959	ug/l	99
57) 1,3-Dichloropropane	9.35	76	400028	52.645	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	912283	296.107	ug/l	98
59) 2-Hexanone	9.47	43	1323530	259.092	ug/l	98
60) Dibromochloromethane	9.56	129	301208	55.733	ug/l	100
61) 1,2-Dibromoethane	9.65	107	258615	51.706	ug/l	99
64) Tetrachloroethene	9.32	164	245394	56.143	ug/l	92
65) Chlorobenzene	10.12	112	647344	54.494	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	264898	56.577	ug/l	99
67) Ethyl Benzene	10.23	91	1113929	55.140	ug/l	99
68) m/p-Xylenes	10.34	106	846199	112.224	ug/l	96
69) o-Xylene	10.68	106	404900	55.394	ug/l	98
70) Styrene	10.70	104	717932	57.675	ug/l	99
71) Bromoform	10.84	173	230411	57.695	ug/l	# 98
73) Isopropylbenzene	11.00	105	1133745	51.202	ug/l	99
74) N-amyl acetate	10.88	43	485094	46.173	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	360783	46.188	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	358565m	48.016	ug/l	
77) Bromobenzene	11.24	156	302211	49.375	ug/l	98
78) n-propylbenzene	11.34	91	1340887	53.333	ug/l	99
79) 2-Chlorotoluene	11.40	91	797229	51.324	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	989897	54.402	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	133447	48.264	ug/l	96
82) 4-Chlorotoluene	11.49	91	973390	52.713	ug/l	99
83) tert-Butylbenzene	11.76	119	960681	53.499	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	1016903	54.663	ug/l	99
85) sec-Butylbenzene	11.93	105	1144453	56.044	ug/l	100
86) p-Isopropyltoluene	12.05	119	1089341	58.075	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	546591	50.864	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	553296	51.423	ug/l	98
89) n-Butylbenzene	12.37	91	984175	57.486	ug/l	99
90) Hexachloroethane	12.58	117	209292	56.712	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	530872	52.481	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	90646	46.412	ug/l	94

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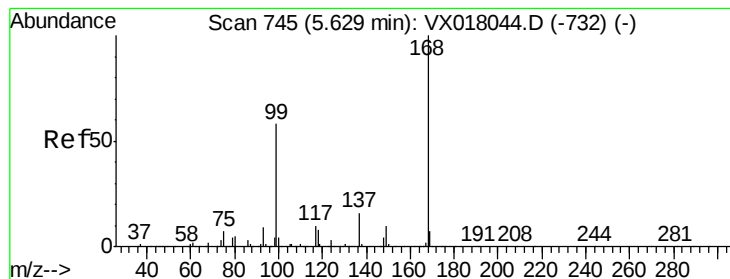
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	367747	54.518	ug/l	98
94) Hexachlorobutadiene	13.76	225	157193	59.082	ug/l	95
95) Naphthalene	13.82	128	1120490	50.474	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	353632	53.057	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 414487

Ion Ratio Lower Upper

168 100

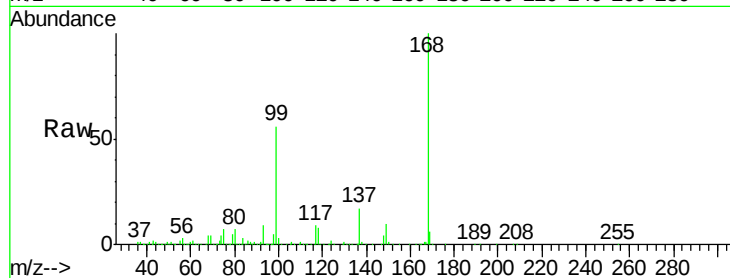
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Manual Integrations

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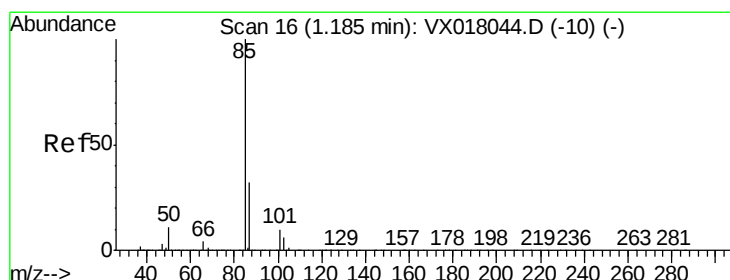
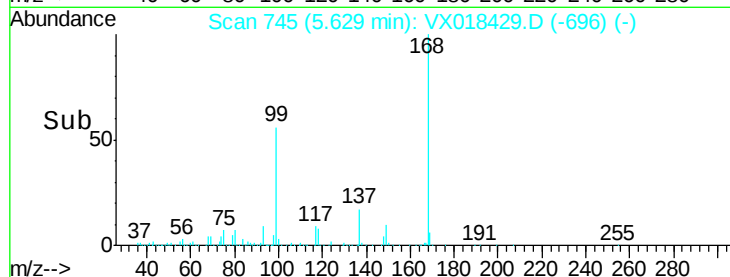
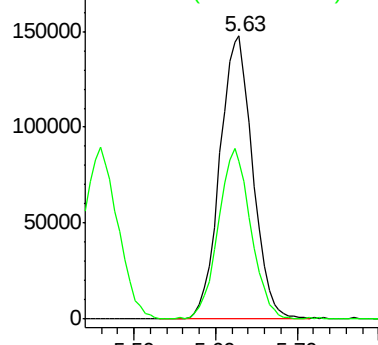
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 45.572 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018429.D

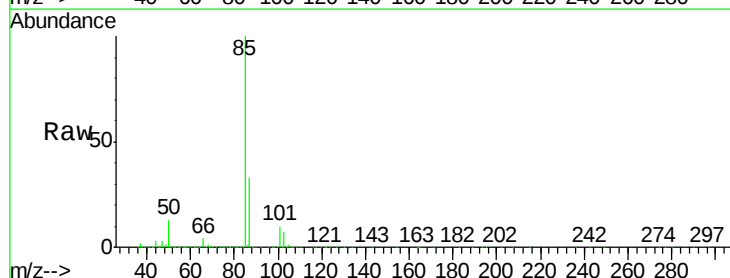
Acq: 16 Sep 2020 10:01

Tgt Ion: 85 Resp: 229979

Ion Ratio Lower Upper

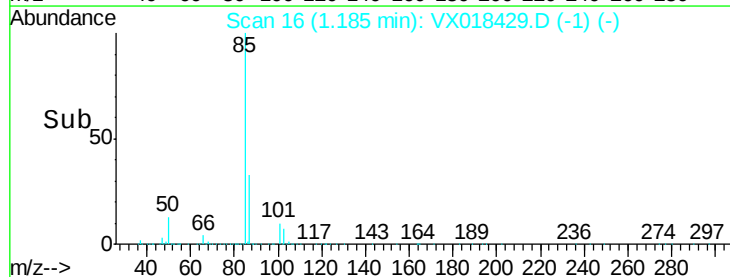
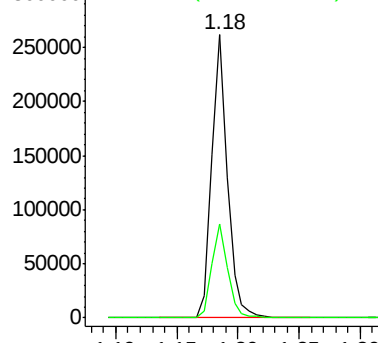
85 100

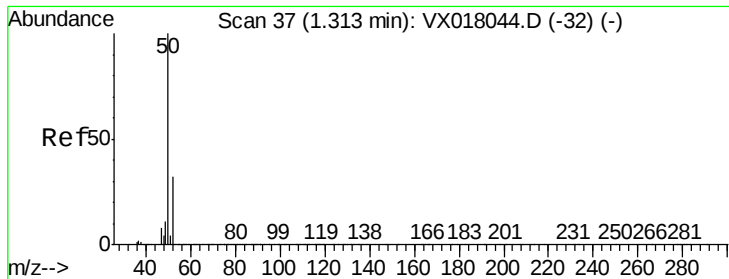
87 33.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 41.148 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 218922

Ion Ratio Lower Upper

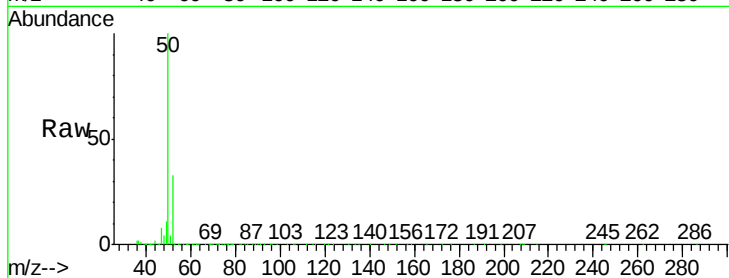
50 100

52 33.2 25.4 38.2

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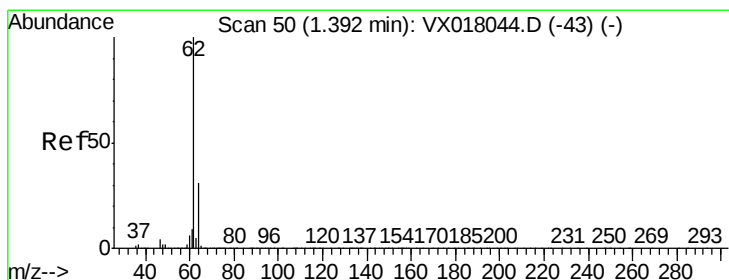
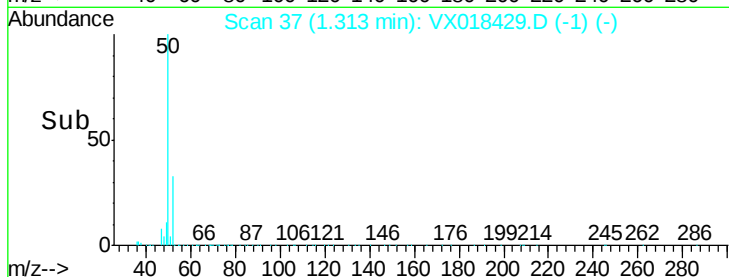
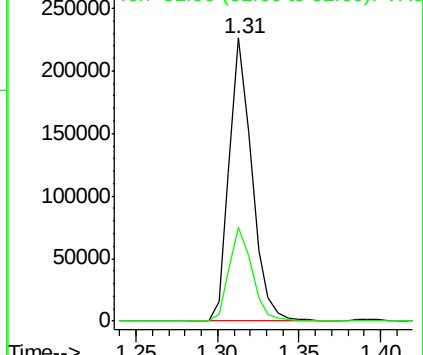
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 43.993 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018429.D

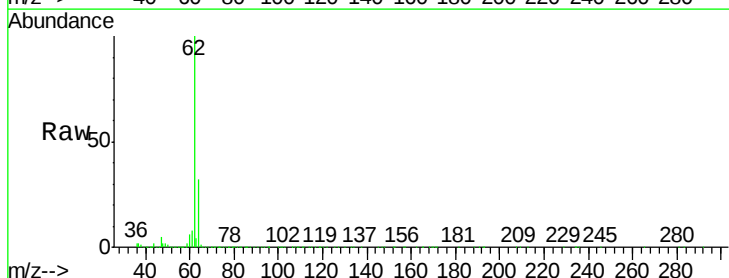
Acq: 16 Sep 2020 10:01

Tgt Ion: 62 Resp: 232996

Ion Ratio Lower Upper

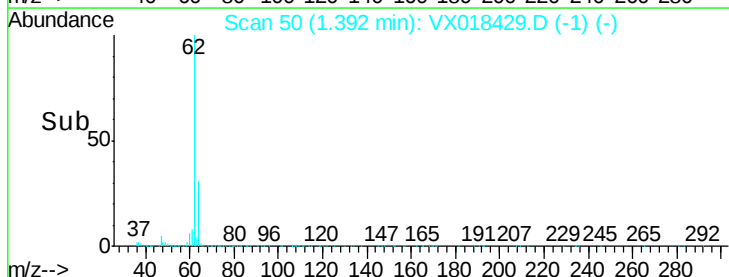
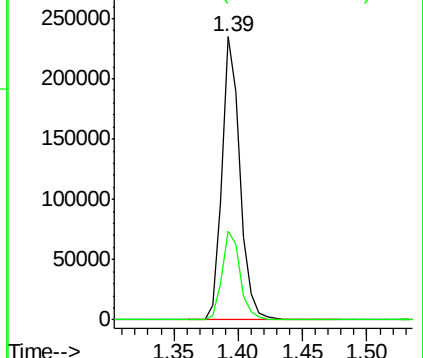
62 100

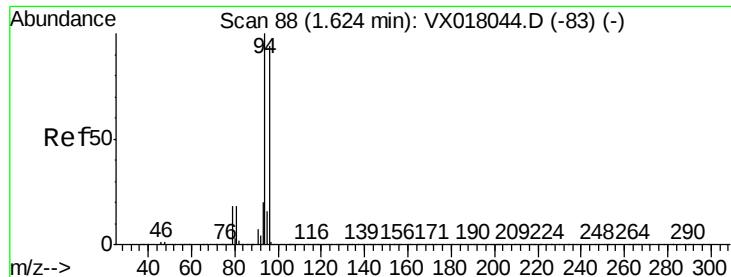
64 31.5 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 59.194 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 151213

Ion Ratio Lower Upper

94 100

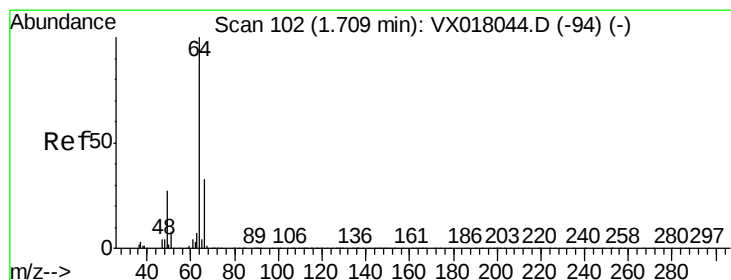
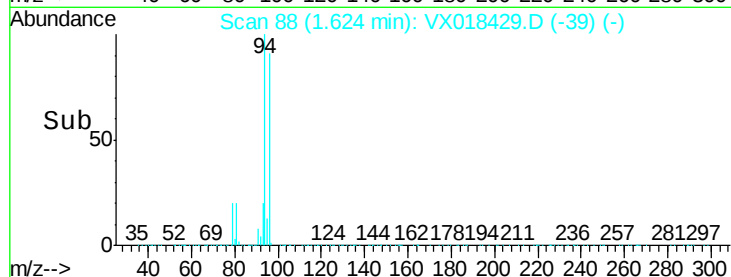
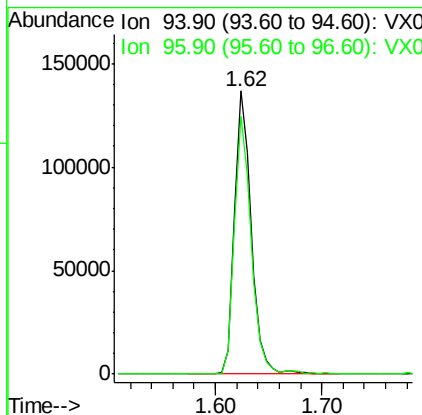
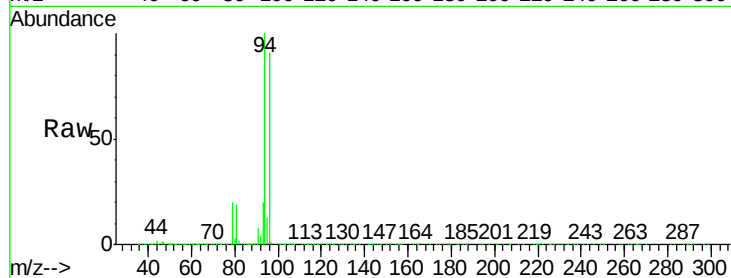
96 90.8 74.8 112.2

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#6

Chloroethane

Concen: 49.132 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018429.D

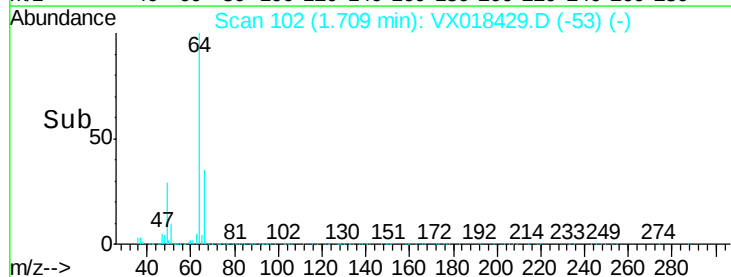
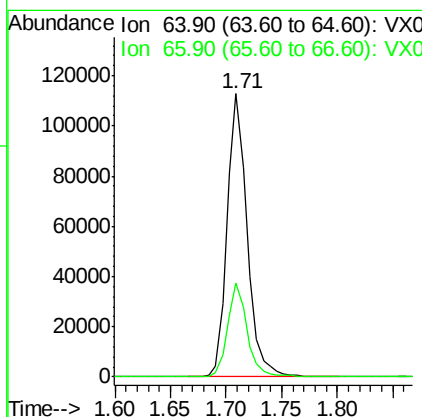
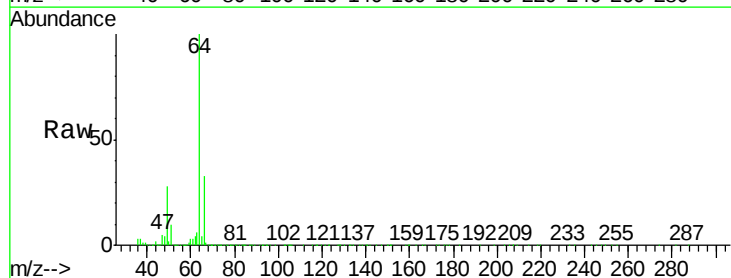
Acq: 16 Sep 2020 10:01

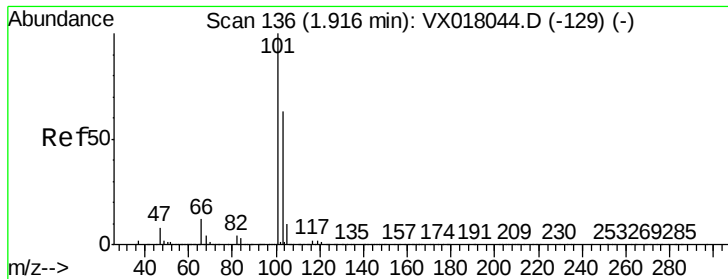
Tgt Ion: 64 Resp: 139760

Ion Ratio Lower Upper

64 100

66 33.0 26.6 39.8





#7

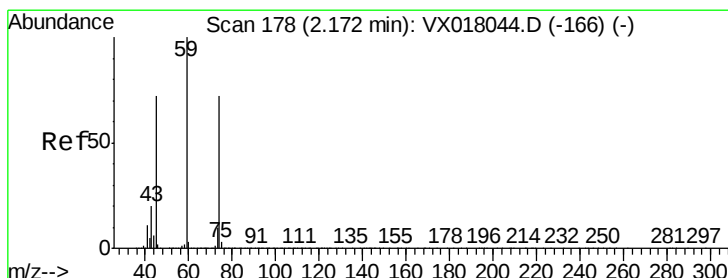
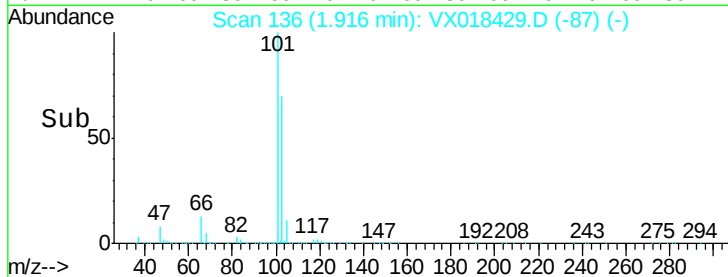
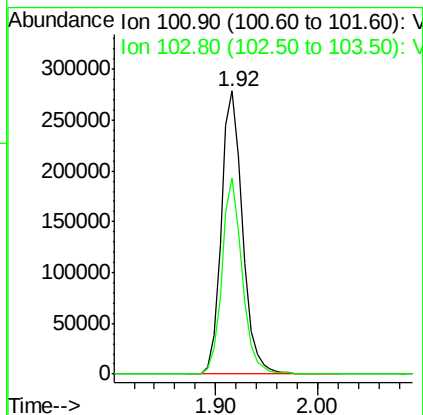
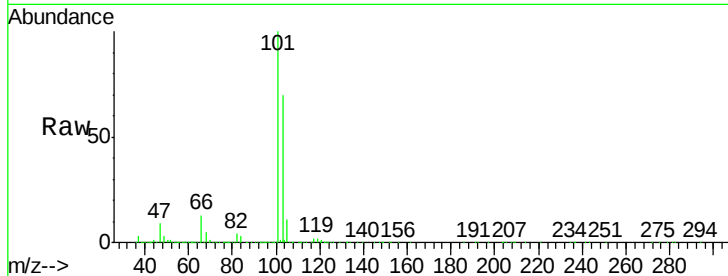
Trichlorofluoromethane
Concen: 55.895 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

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Tot Ion	Ratio	Lower	Upper
101	100		
103	69.5	50.7	76.1

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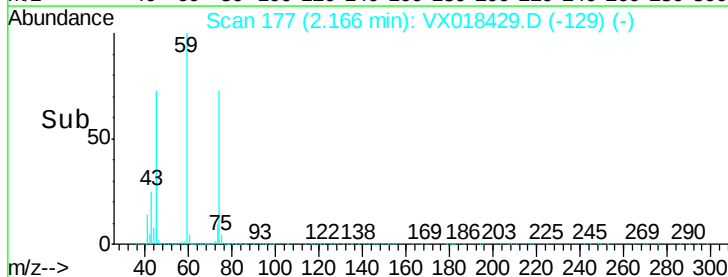
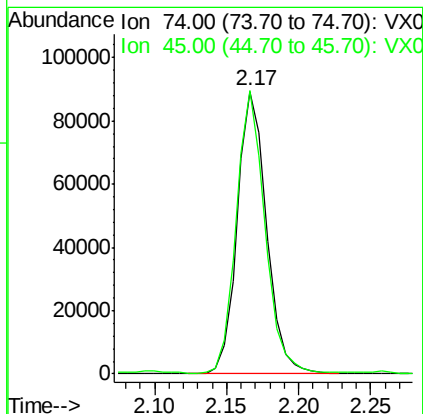
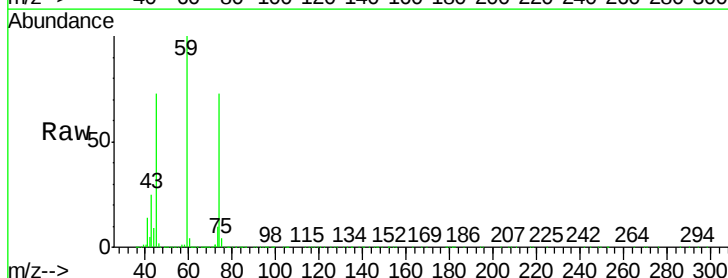
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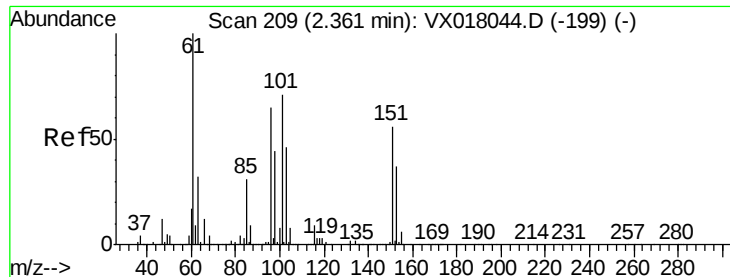


#8

Diethyl Ether
Concen: 51.733 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.020 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

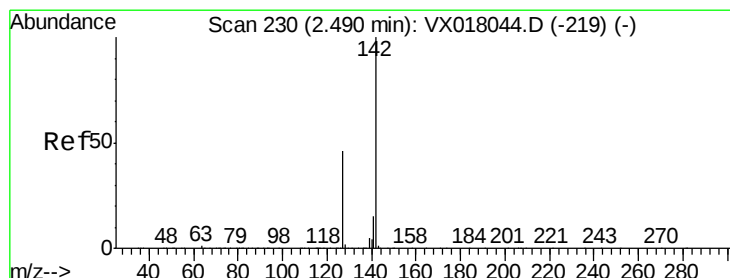
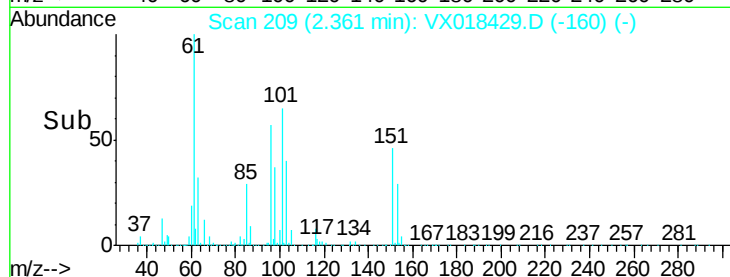
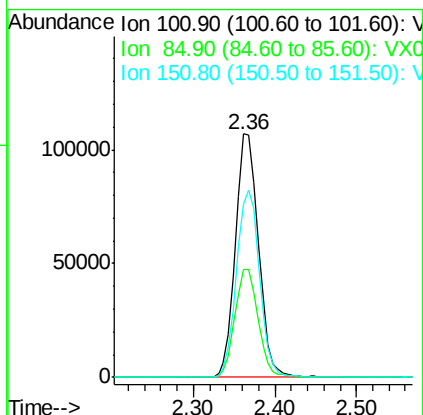
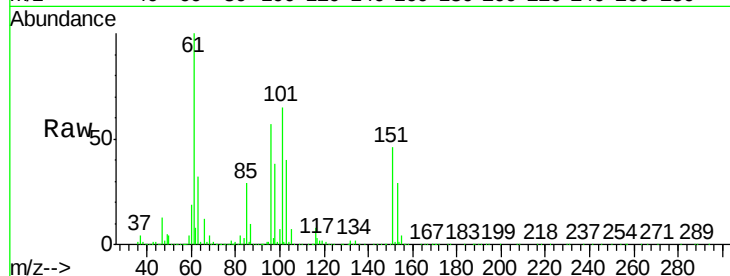
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	207003
Ion Ratio	Lower	Upper	
101	100		
85	44.4	34.0	51.0
151	77.2	65.2	97.8

Manual Integrations
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#10

Methyl Iodide

Concen: 54.281 ug/l

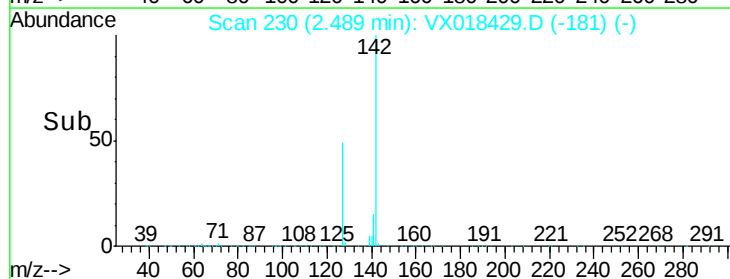
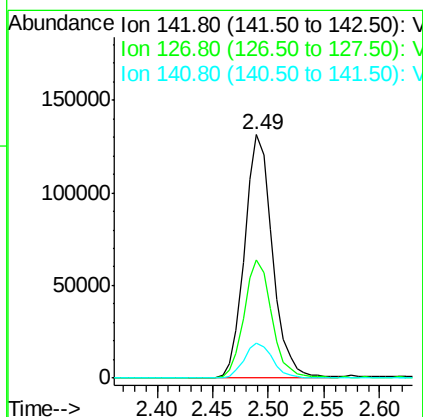
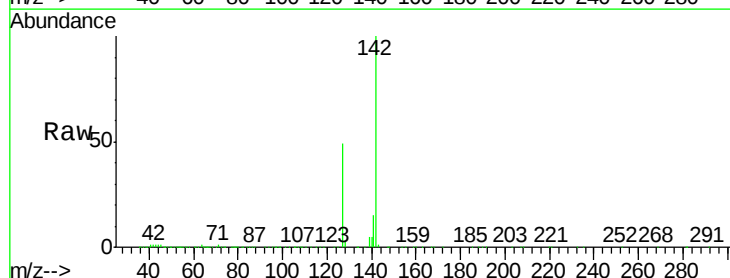
RT: 2.49 min Scan# 230

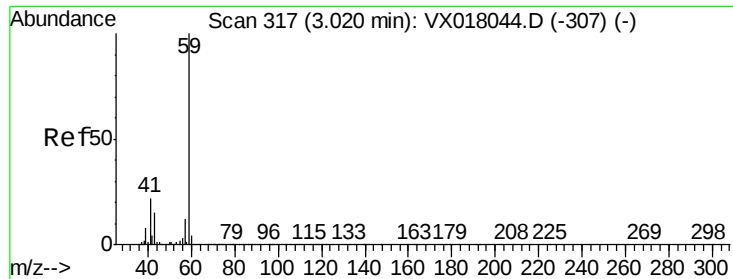
Delta R.T. 0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Tgt Ion:	142	Resp:	228857
Ion Ratio	Lower	Upper	
142	100		
127	48.5	37.0	55.6
141	14.7	11.5	17.3





#11

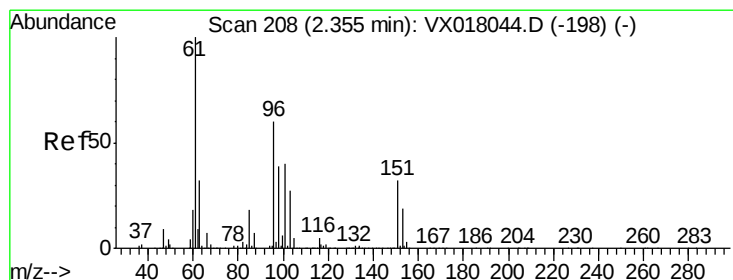
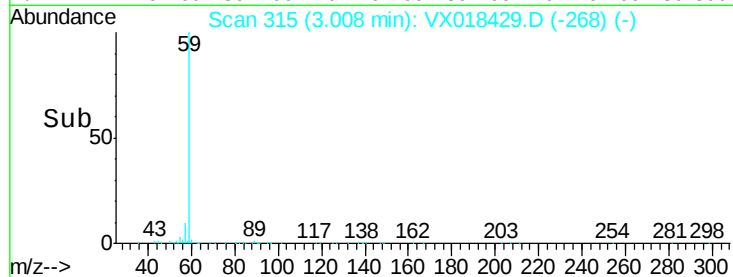
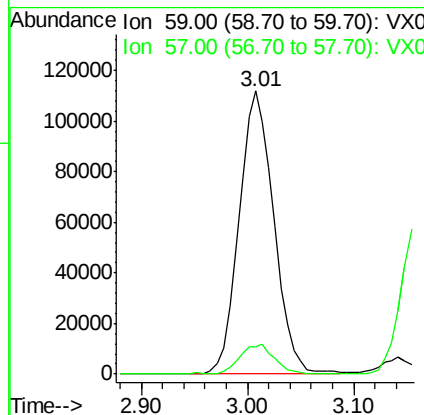
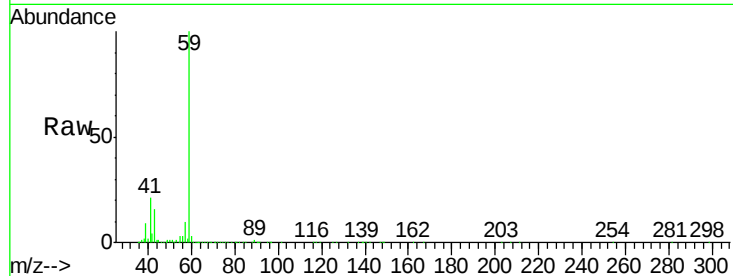
Tert butyl alcohol
Concen: 228.264 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.9	13.3

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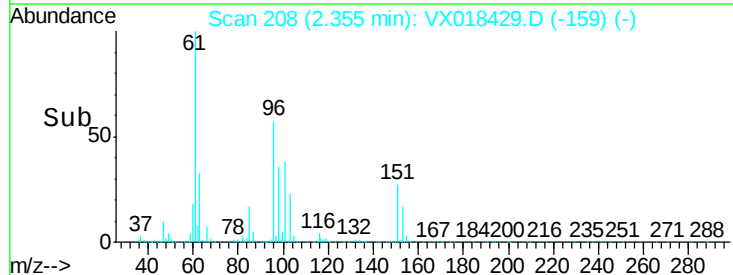
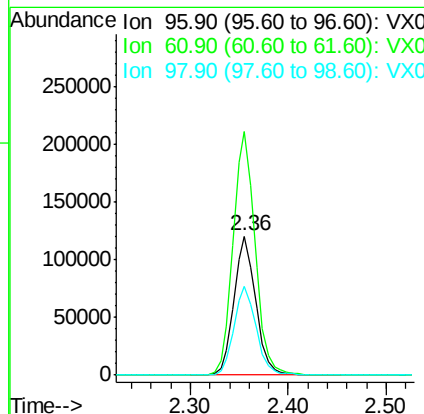
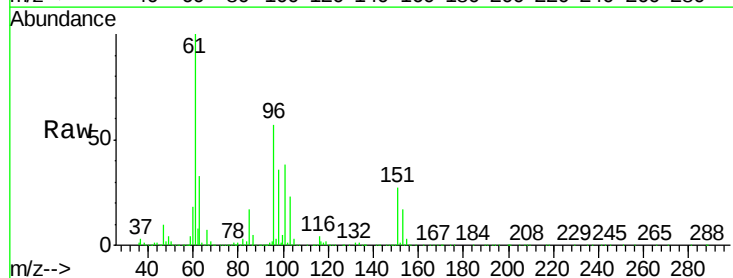
MMDadoda
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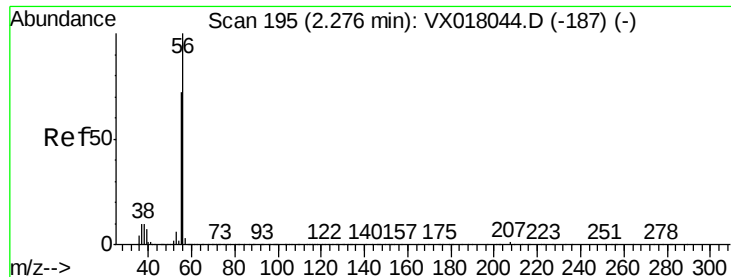


#12

1,1-Dichloroethene
Concen: 46.021 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.2	133.0	199.4
98	63.6	51.6	77.4





#13

Acrolein

Concen: 248.916 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 115474

Ion Ratio Lower Upper

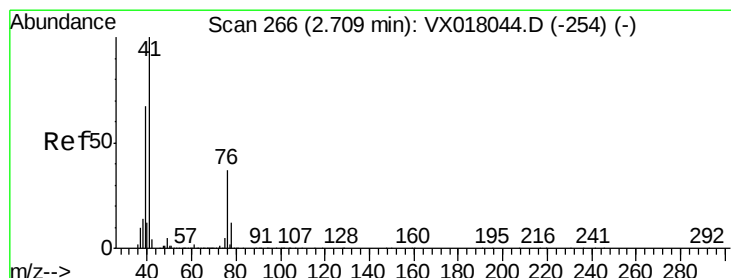
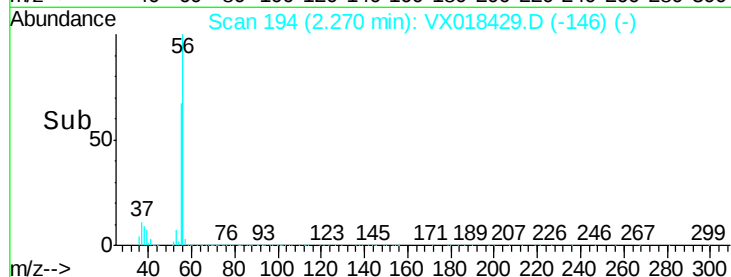
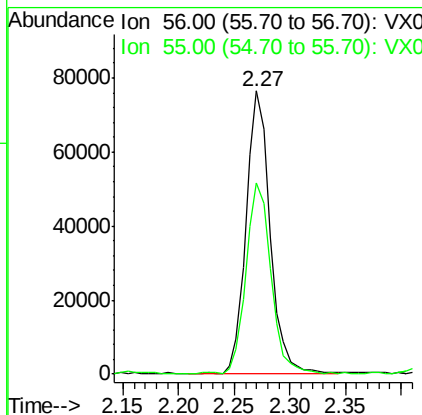
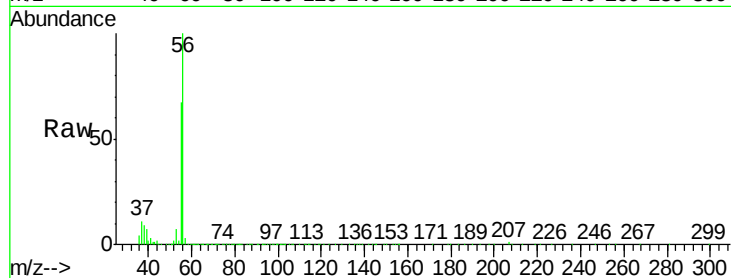
56 100

55 70.0 57.0 85.6

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#14

Allyl chloride

Concen: 49.902 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

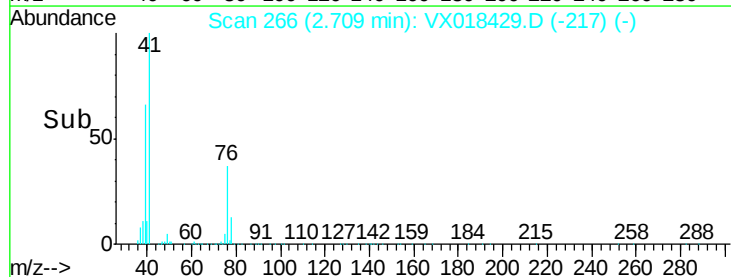
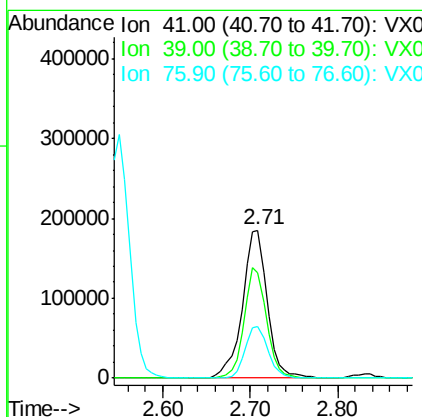
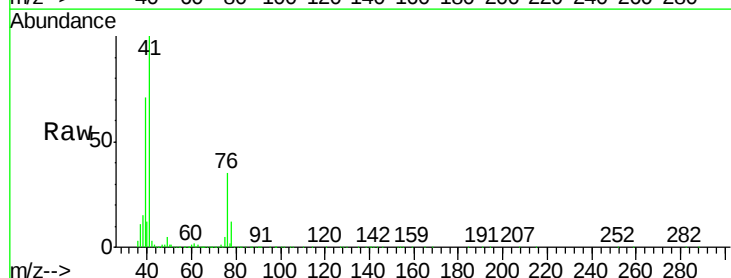
Tgt Ion: 41 Resp: 363158

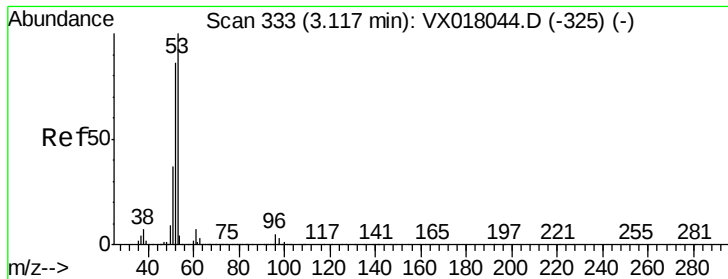
Ion Ratio Lower Upper

41 100

39 67.9 50.6 76.0

76 32.4 26.2 39.2





#15

Acrylonitrile

Concen: 230.836 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

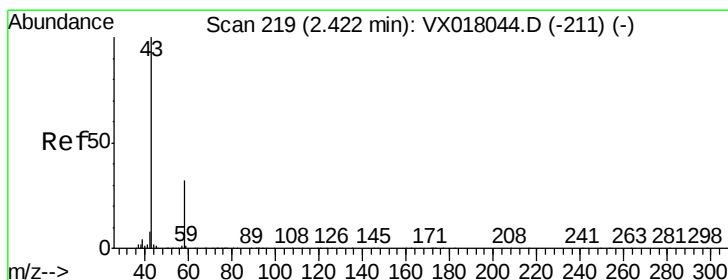
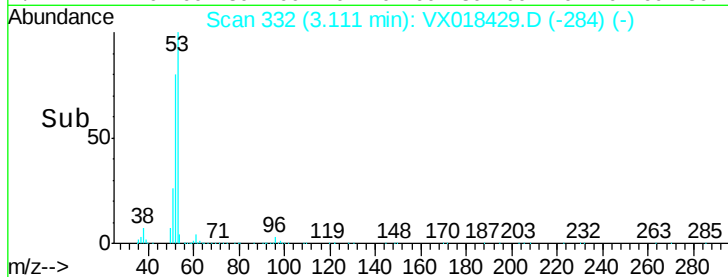
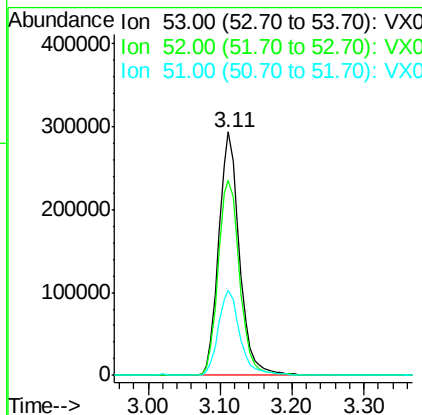
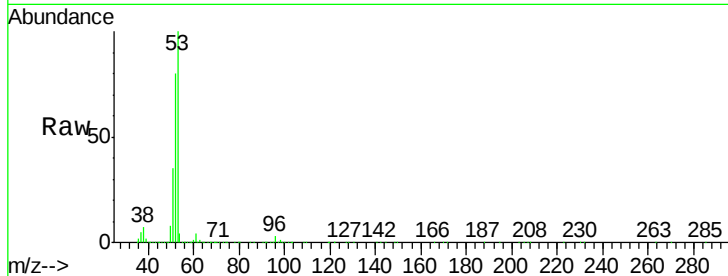
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	585838
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.9	100.3
51	36.3	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 263.591 ug/l

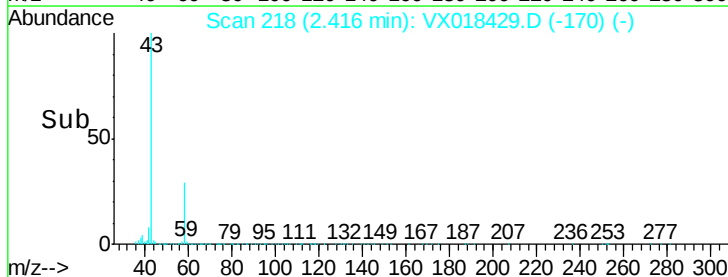
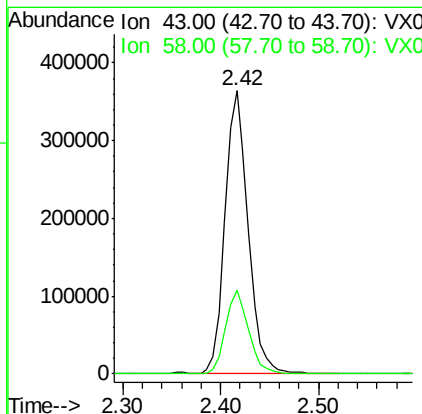
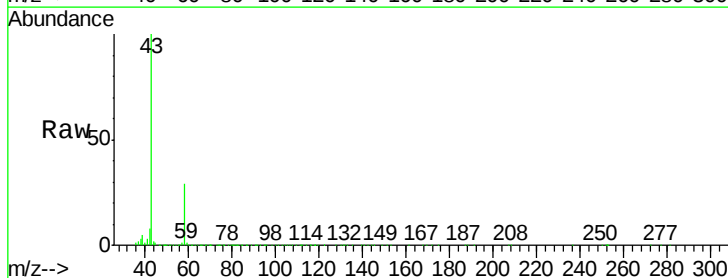
RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Tgt Ion:	43	Resp:	591015
Ion Ratio	Lower	Upper	
43	100		
58	29.4	25.5	38.3





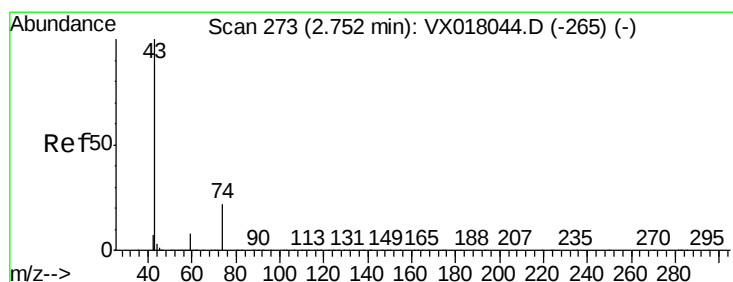
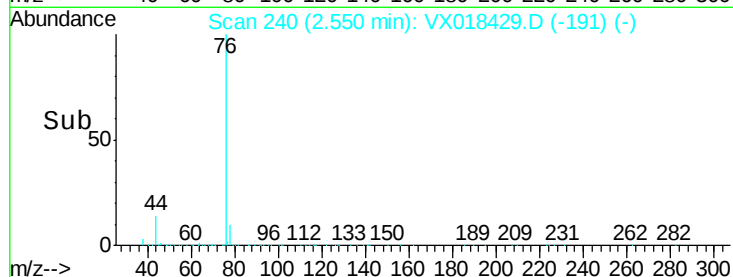
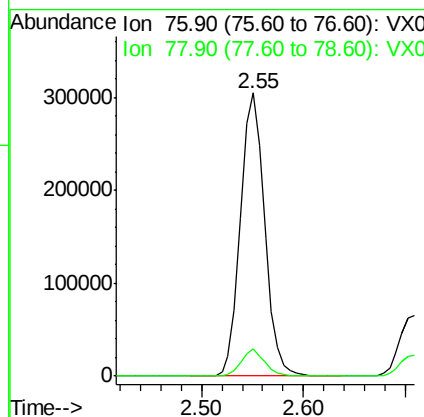
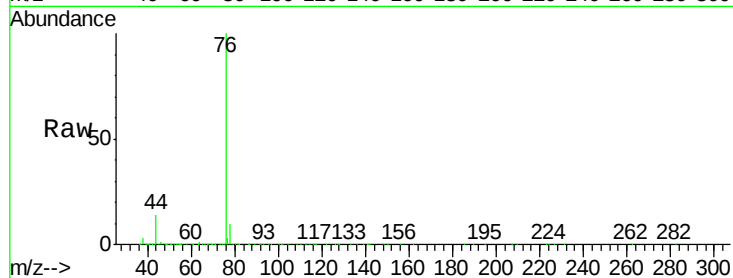
#17
Carbon Disulfide
Concen: 41.010 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.4	11.0

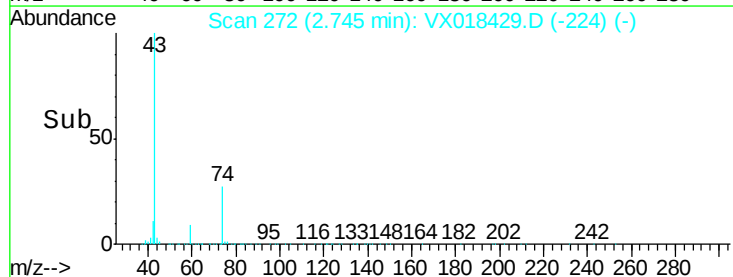
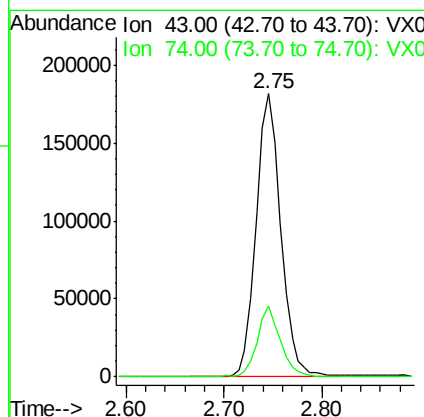
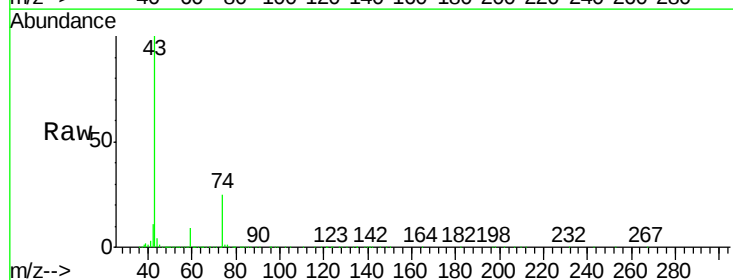
Manual Integrations
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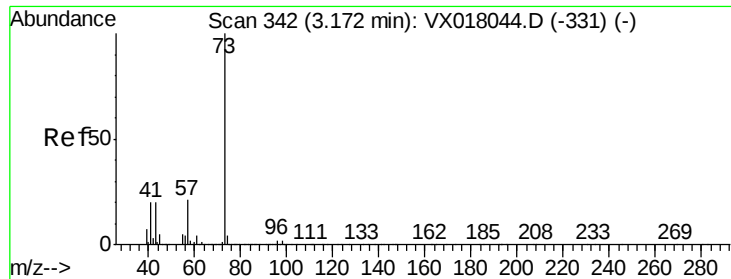
MMDadoda
9/17/2020 11:27:23 AM



#18
Methyl Acetate
Concen: 58.593 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	18.2	27.4





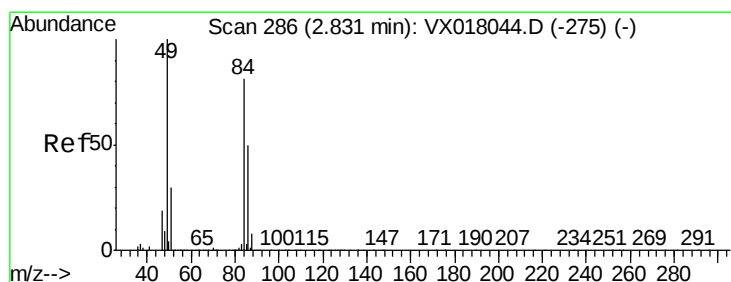
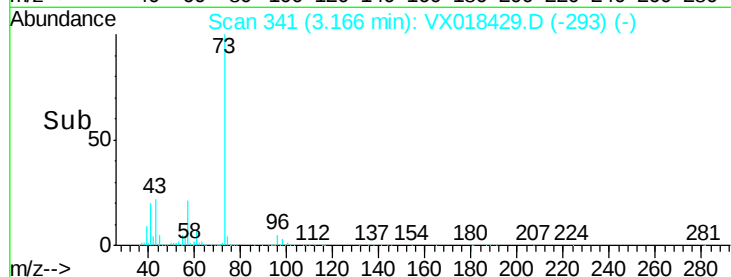
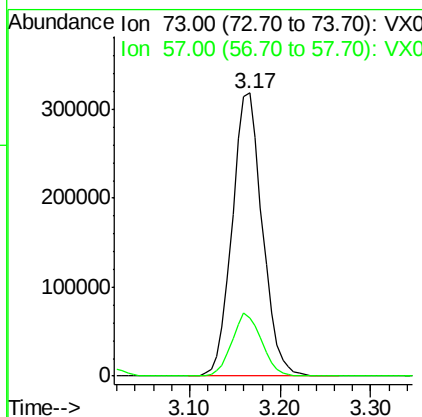
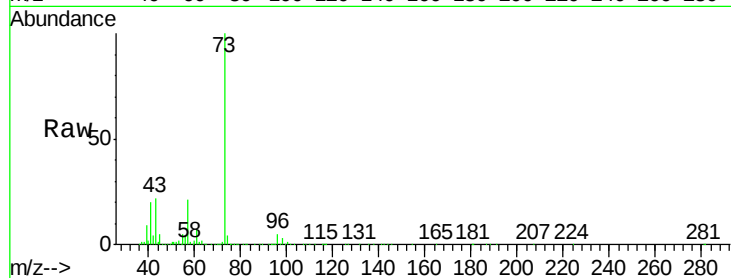
#19
Methvl tert-butvl Ether
Concen: 52.936 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.7	16.8	25.2

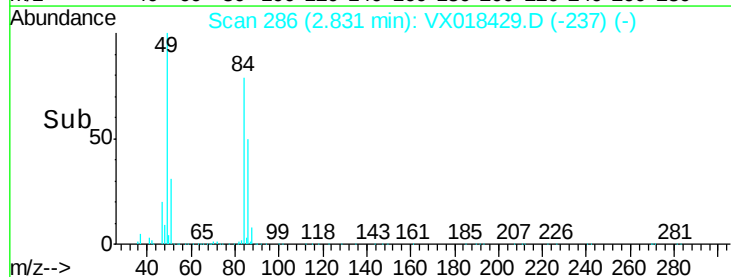
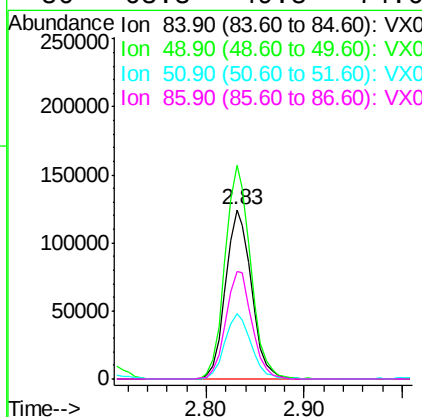
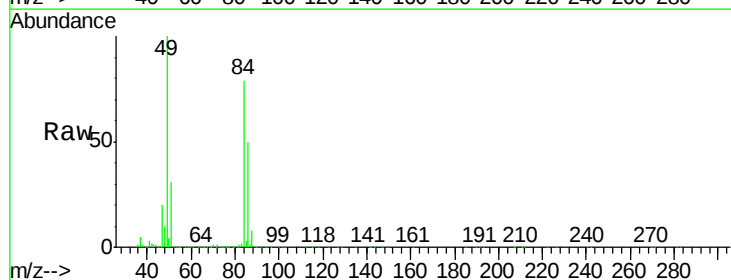
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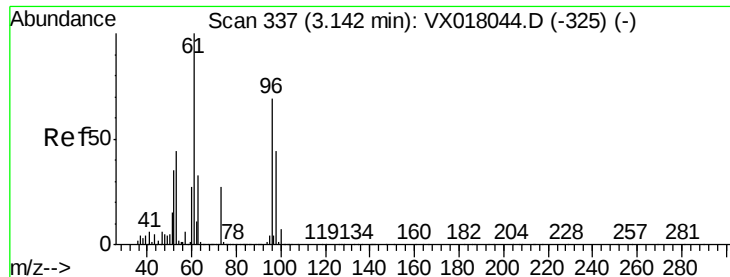
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#20
Methylene Chloride
Concen: 49.510 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.9	98.6	148.0
51	38.6	29.6	44.4
86	63.3	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 48.389 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

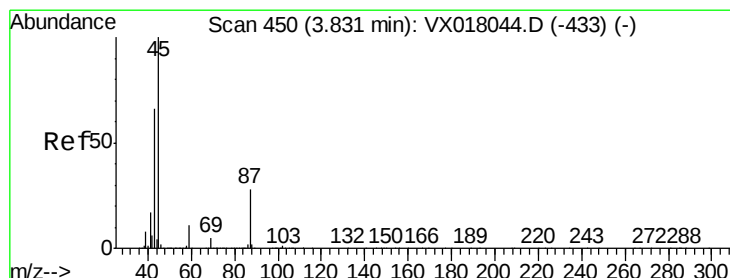
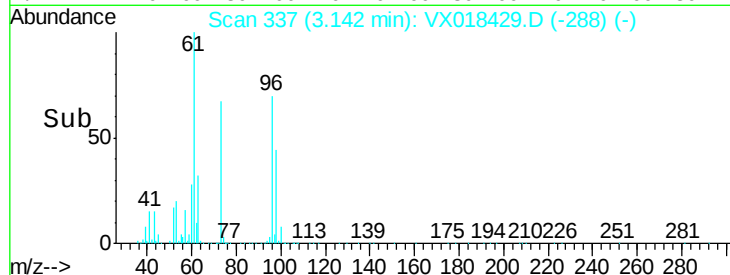
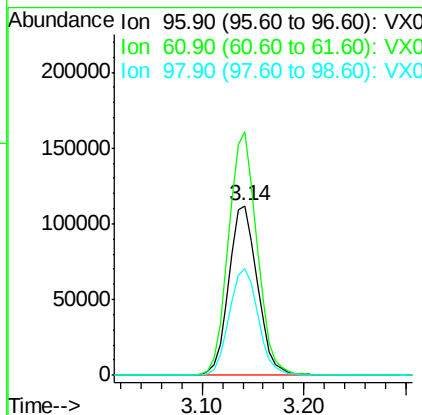
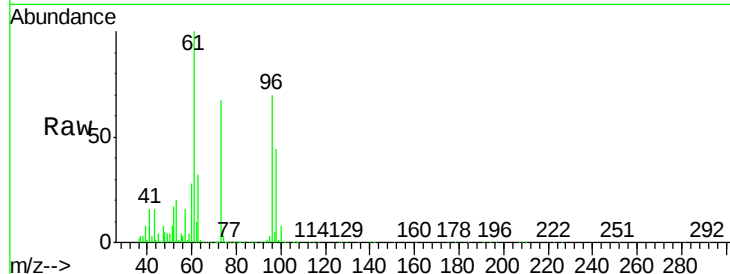
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	217156
Ion Ratio	Lower	Upper	
96	100		
61	143.3	115.4	173.0
98	62.6	51.1	76.7

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#22

Diisopropyl ether

Concen: 51.197 ug/l

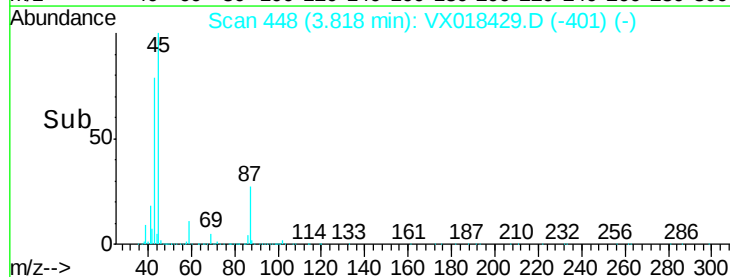
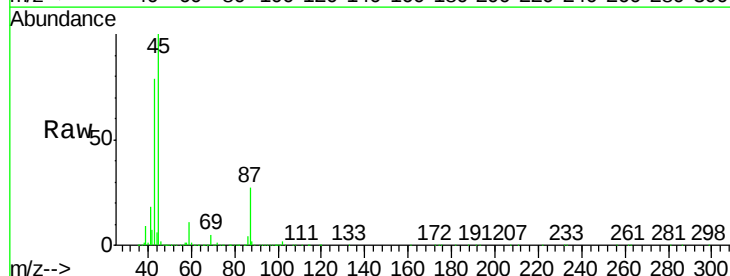
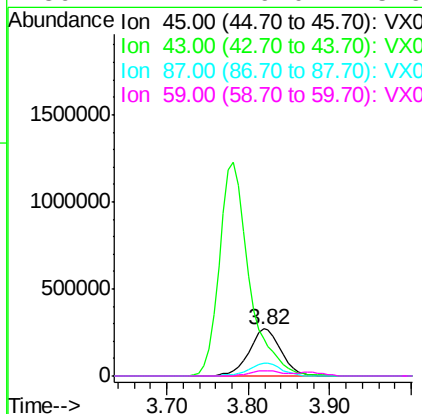
RT: 3.82 min Scan# 448

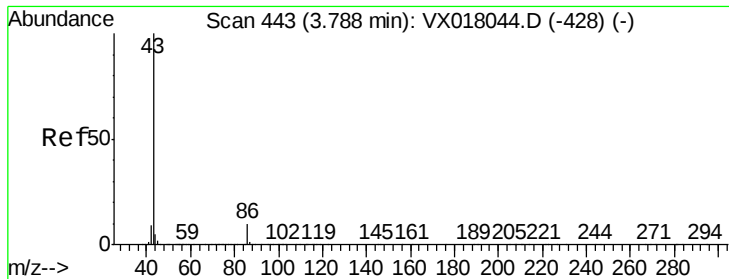
Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Tgt Ion:	45	Resp:	735363
Ion Ratio	Lower	Upper	
45	100		
43	78.6	52.8	79.2
87	26.9	22.5	33.7
59	11.4	9.0	13.6





#23

Vinyl Acetate

Concen: 245.063 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3132049

Ion Ratio Lower Upper

43 100

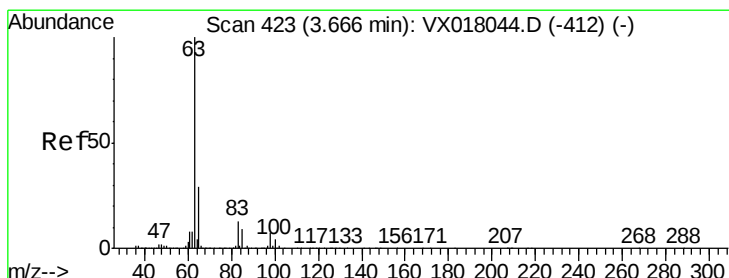
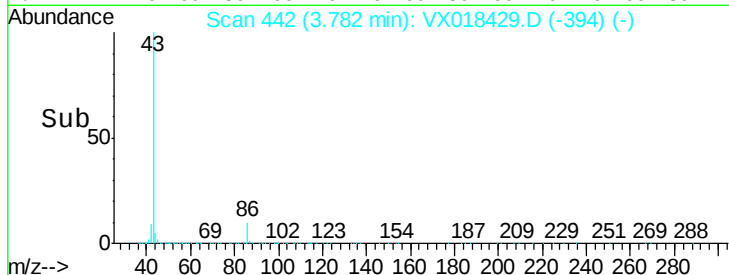
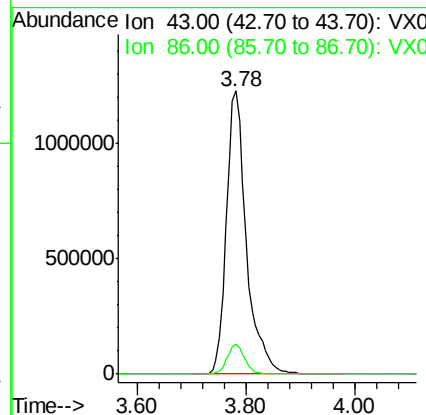
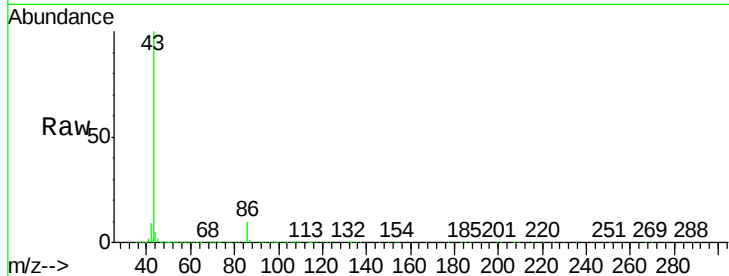
86 10.5 7.9 11.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.545 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

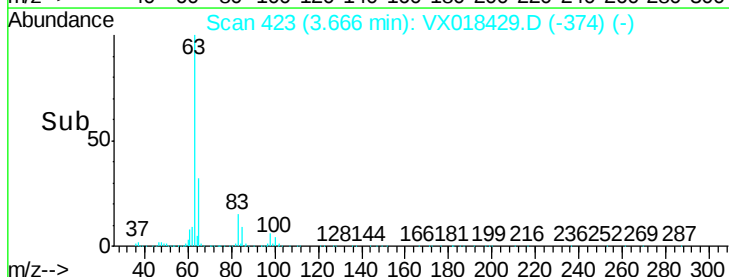
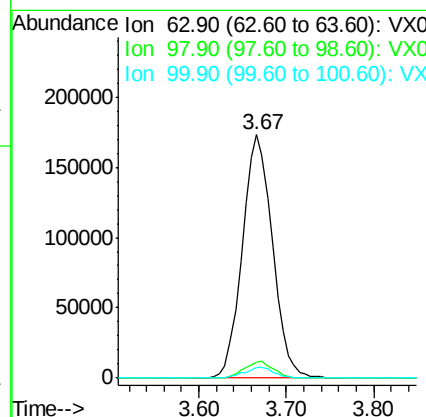
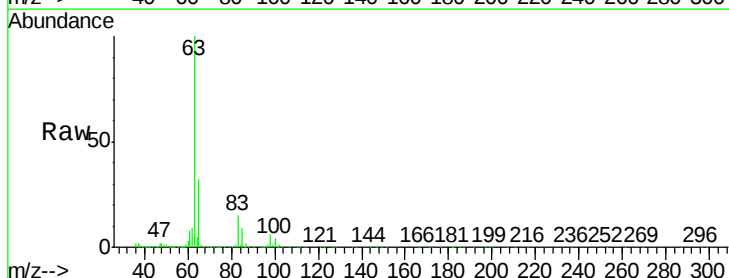
Tgt Ion: 63 Resp: 413272

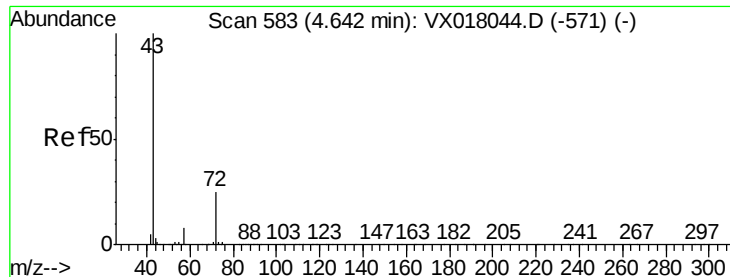
Ion Ratio Lower Upper

63 100

98 6.3 3.6 10.8

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 233.823 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Tot Ion: 43 Resp: 861617

Ion Ratio Lower Upper

43 100

72 26.6 19.8 29.6

Instrument :

MSVOA_X

ClientSampleId :

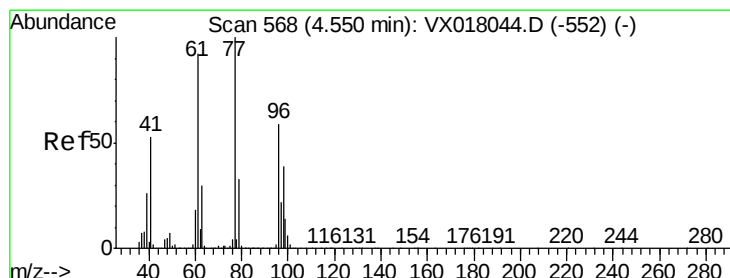
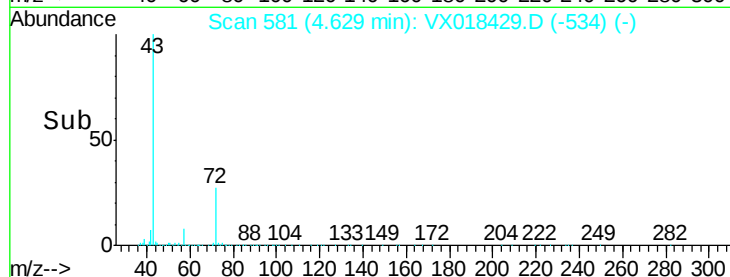
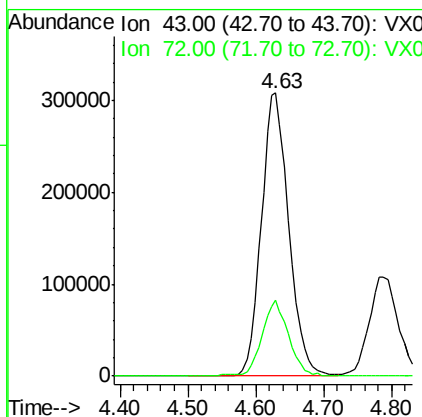
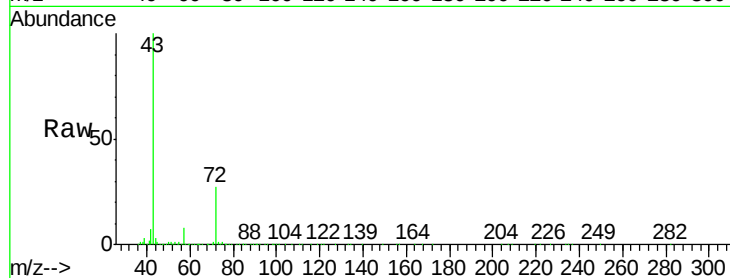
VSTDCCC050

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#26

2,2-Dichloropropane

Concen: 60.246 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018429.D

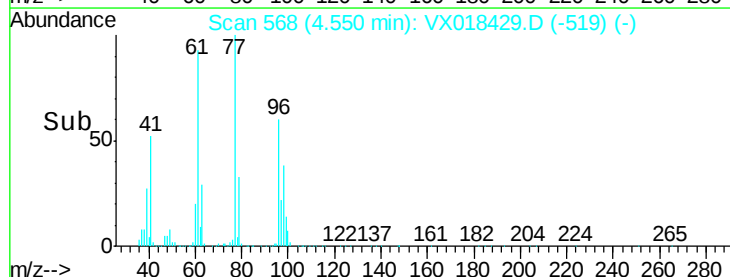
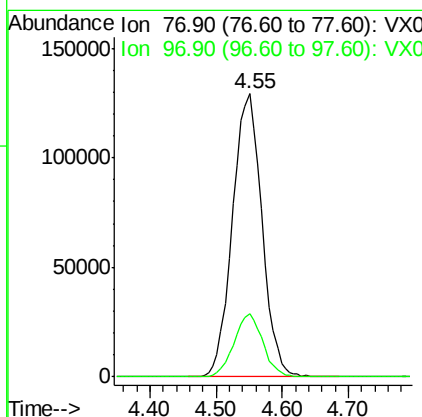
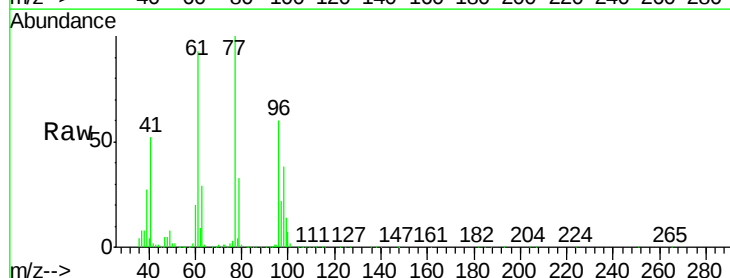
Acq: 16 Sep 2020 10:01

Tgt Ion: 77 Resp: 400788

Ion Ratio Lower Upper

77 100

97 21.7 11.5 34.5





#27

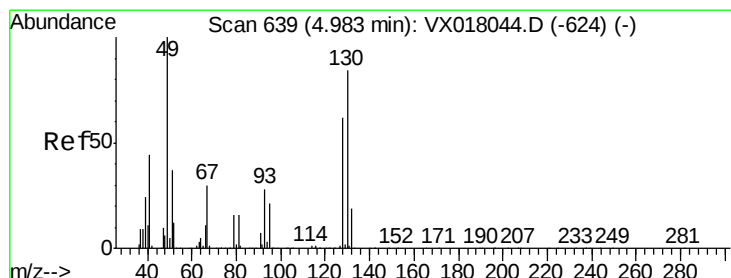
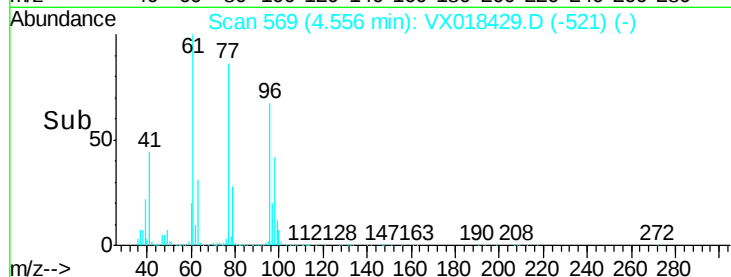
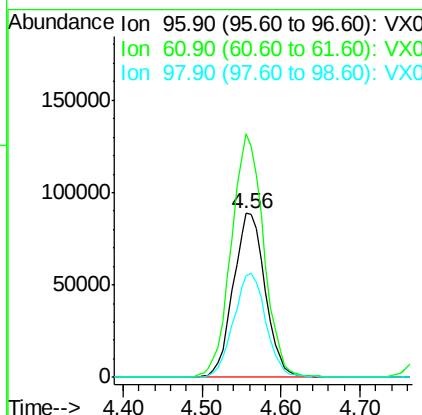
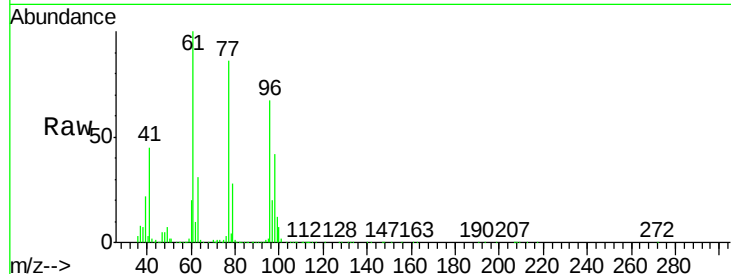
cis-1,2-Dichloroethene
 Concen: 48.348 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	249989		
61	150.4	0.0	296.6	
98	64.3	0.0	130.2	

Manual Integrations
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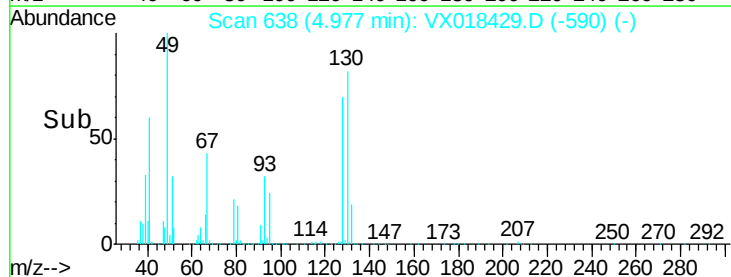
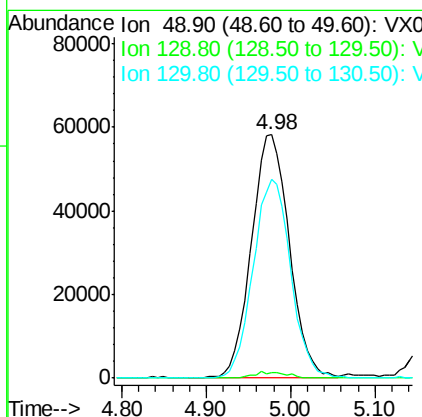
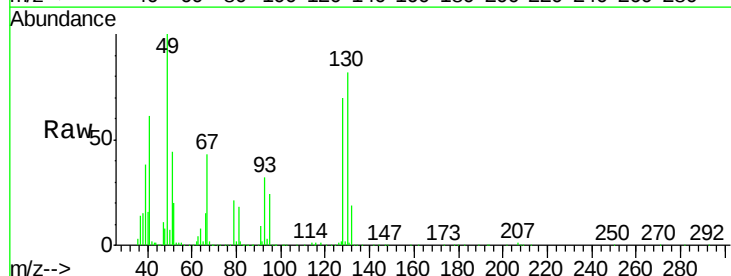
MMDadoda
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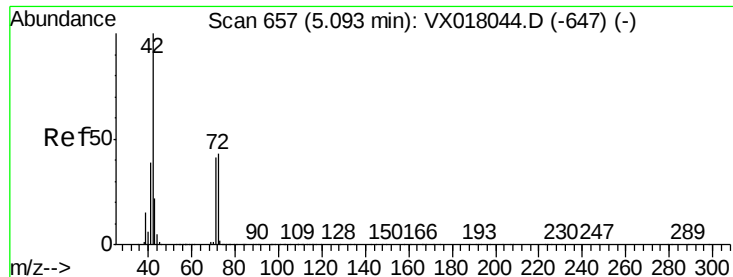


#28

Bromochloromethane
 Concen: 45.300 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	178780		
129	2.4	0.0	4.6	
130	81.5	64.6	96.8	





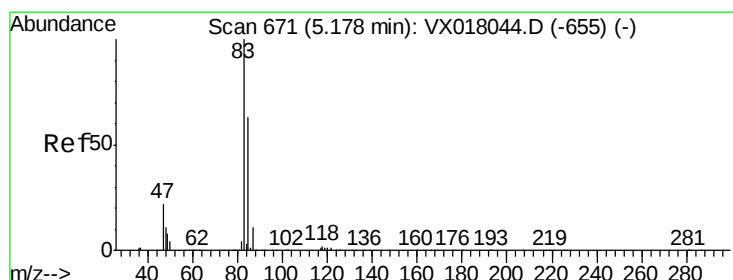
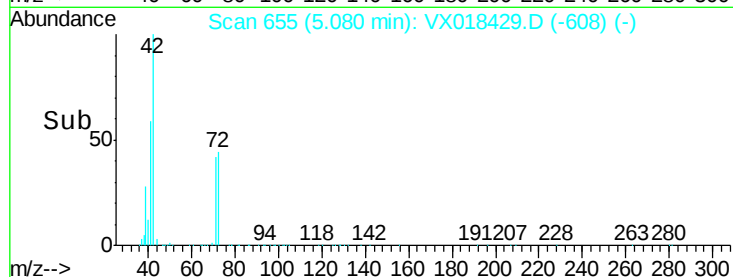
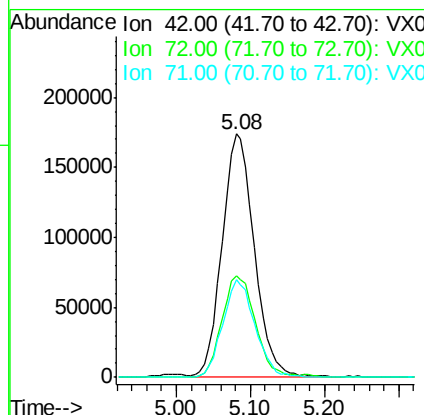
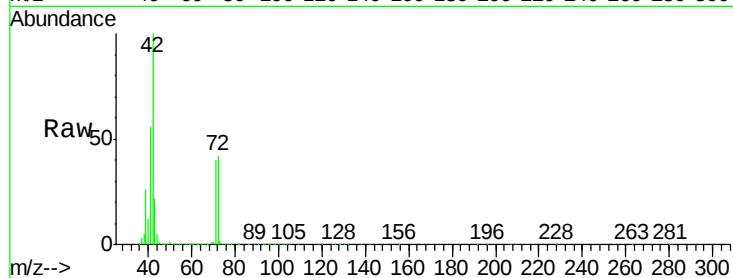
#29
Tetrahydrofuran
Concen: 221.765 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.1	34.2	51.4
71	40.5	32.1	48.1

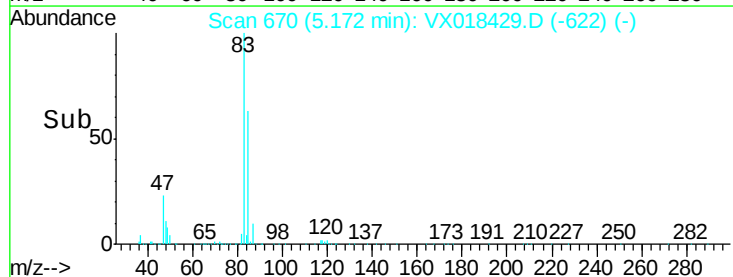
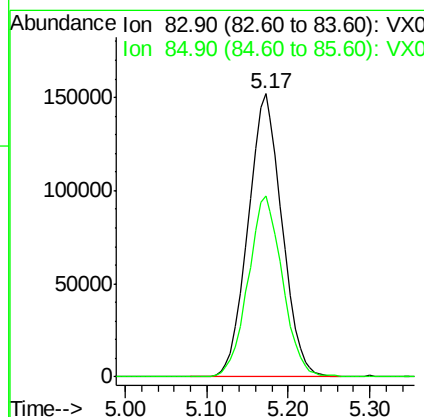
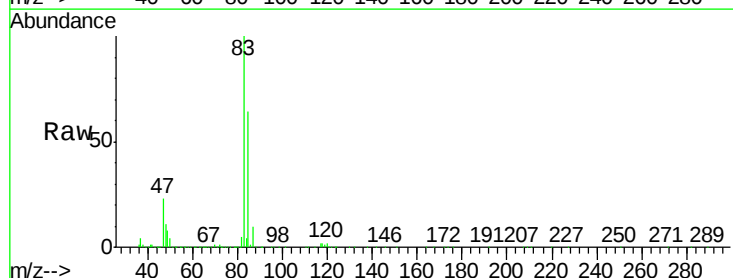
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#30
Chloroform
Concen: 52.076 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.7	76.1





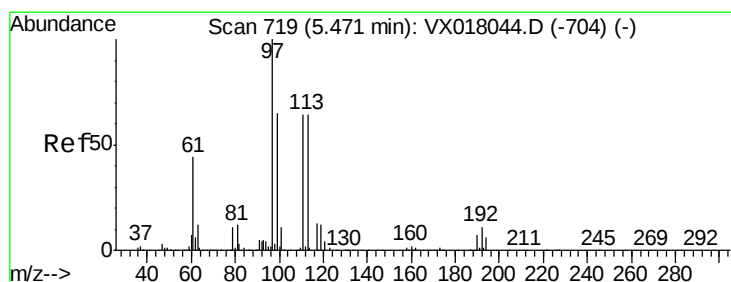
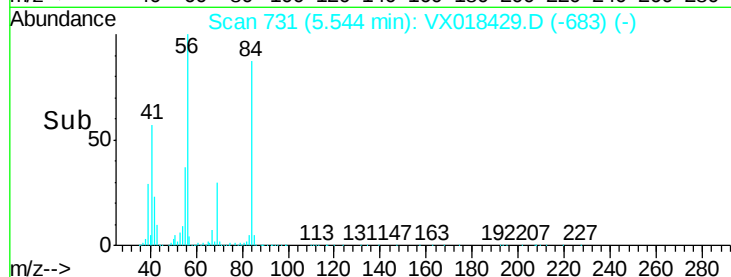
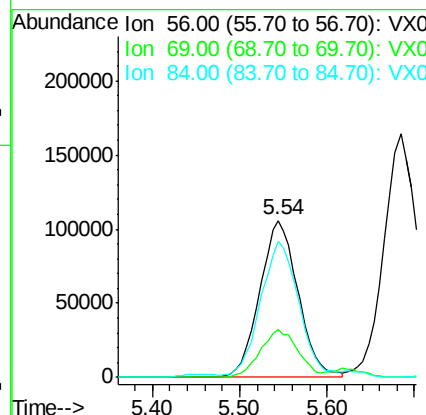
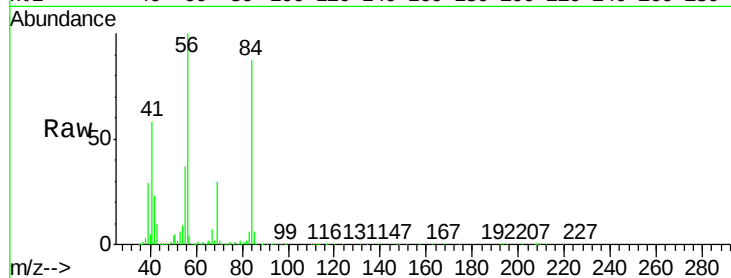
#31
Cyclohexane
Concen: 46.636 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.2	23.9	35.9
84	84.7	67.0	100.4

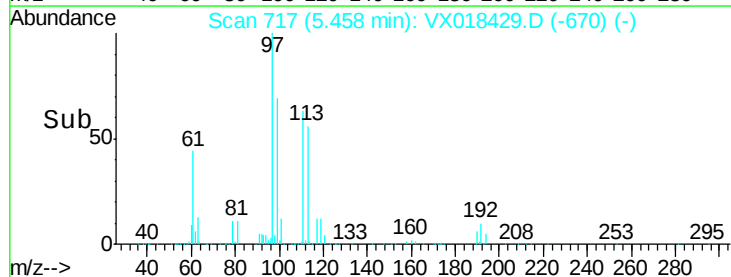
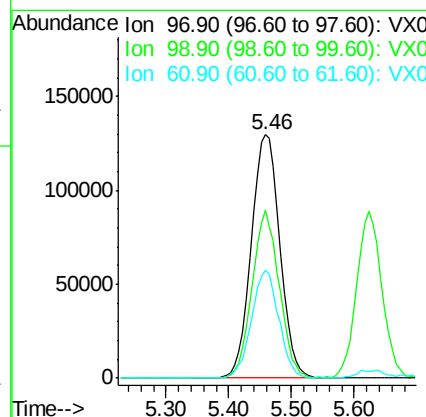
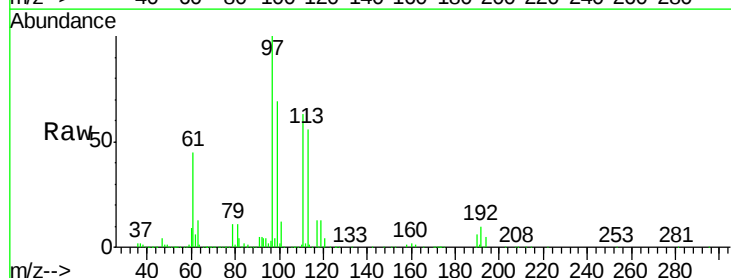
Manual Integrations
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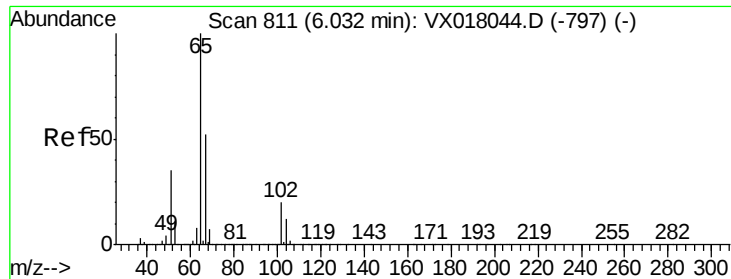
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#32
1,1,1-Trichloroethane
Concen: 52.628 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.4	77.0
61	42.3	34.2	51.4





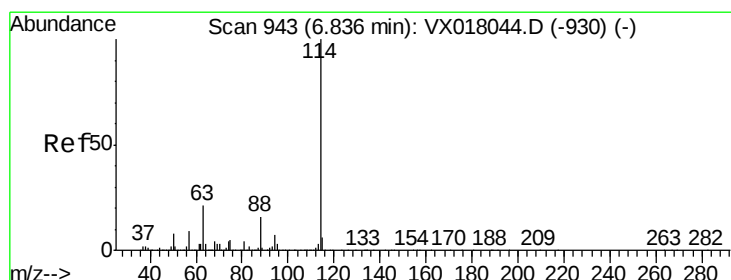
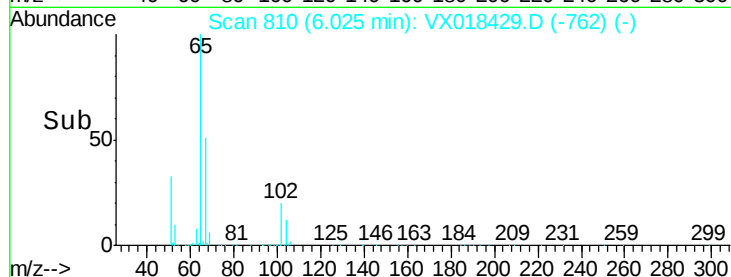
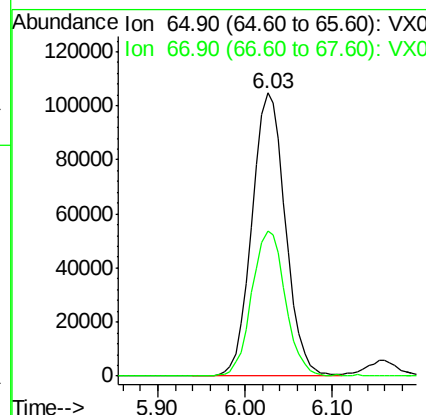
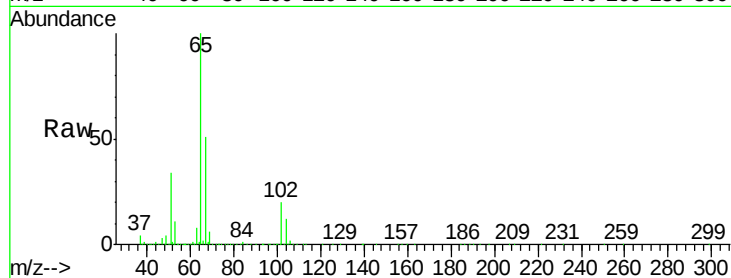
#33
 1,2-Dichloroethane-d4
 Concen: 48.501 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	105.8

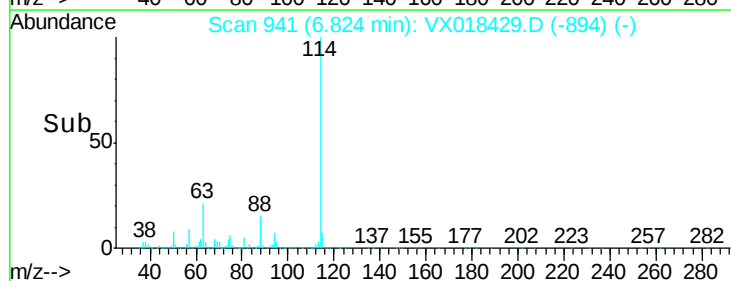
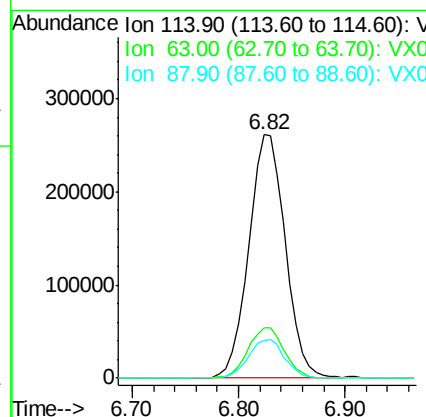
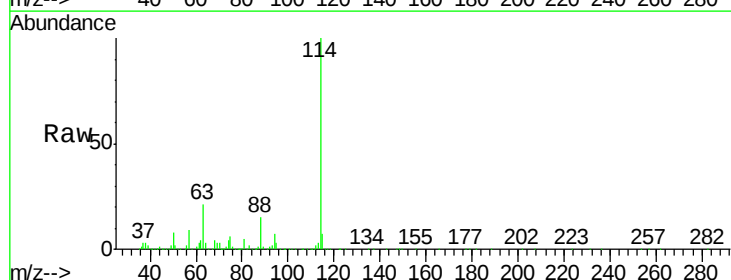
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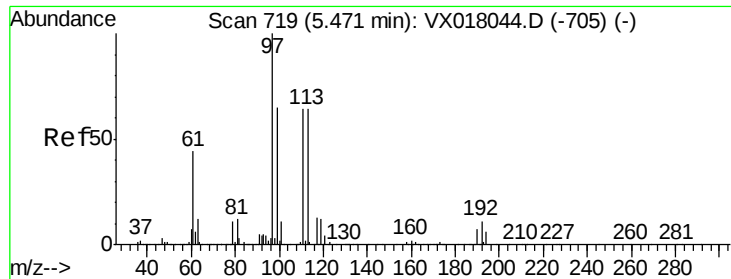
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	42.6
88	15.2	0.0	31.8





#35

Dibromofluoromethane

Concen: 50.655 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

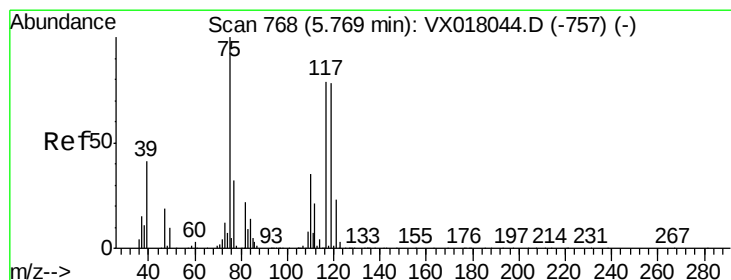
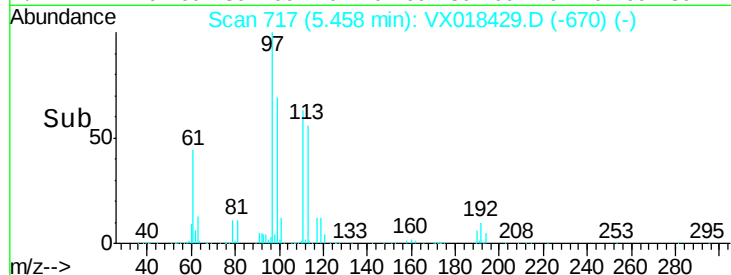
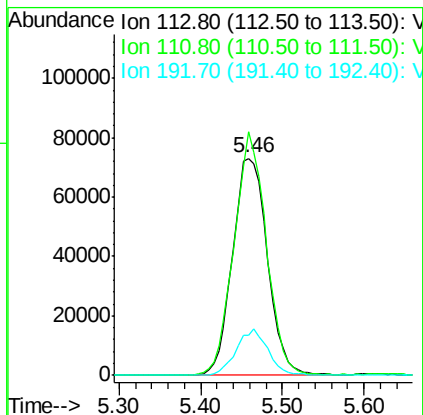
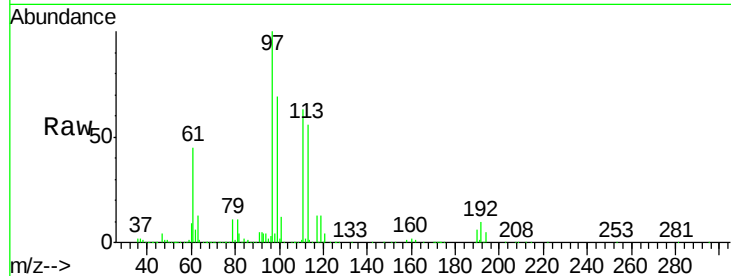
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	216844
Ion Ratio	Lower	Upper	
113	100		
111	103.4	81.6	122.4
192	19.4	15.8	23.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 54.017 ug/l

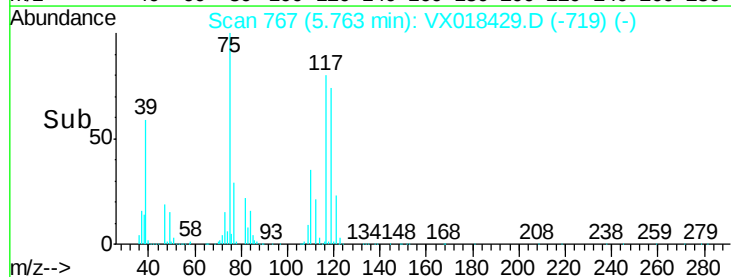
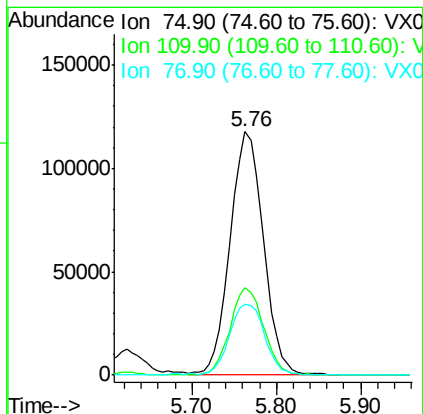
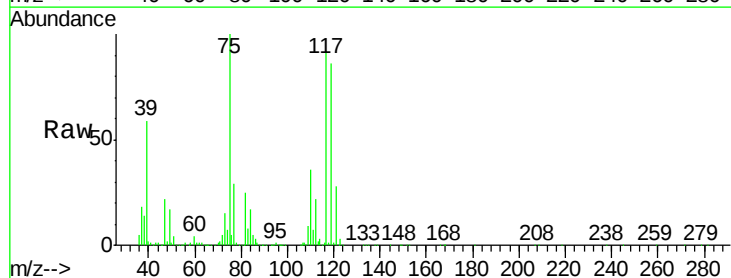
RT: 5.76 min Scan# 767

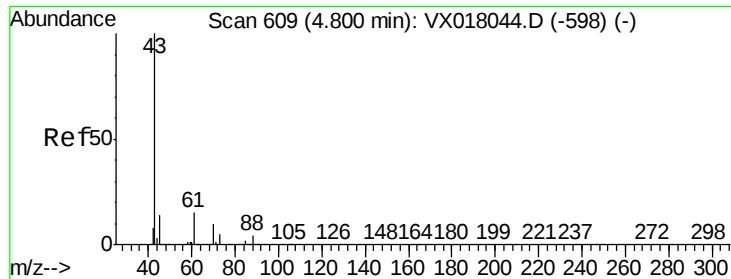
Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Tgt Ion:	75	Resp:	313167
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.0	54.0
77	30.9	24.4	36.6





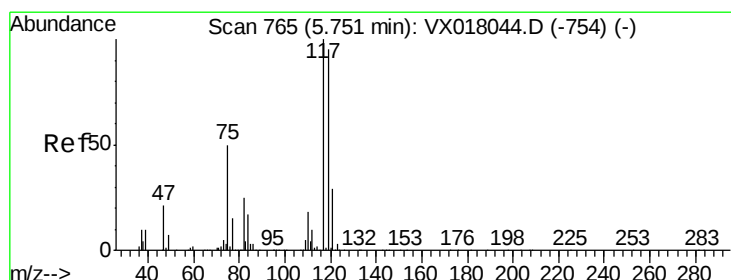
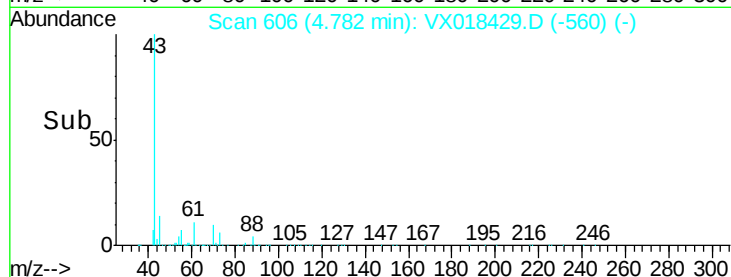
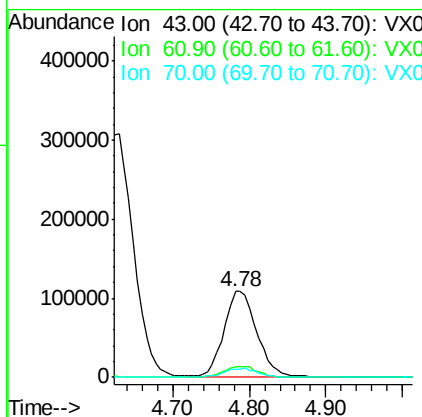
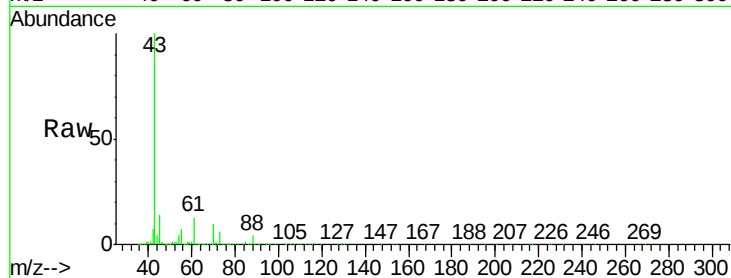
#37
Ethyl Acetate
Concen: 47.867 ug/l
RT: 4.78 min Scan# 606
Delta R.T. -0.02 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	322313
Ion	Ratio	Lower	Upper
43	100		
61	12.8	11.3	16.9
70	10.9	8.2	12.4

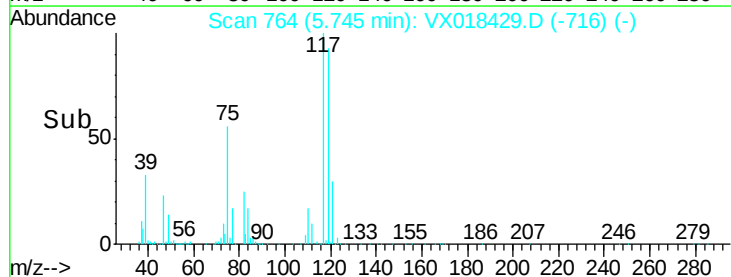
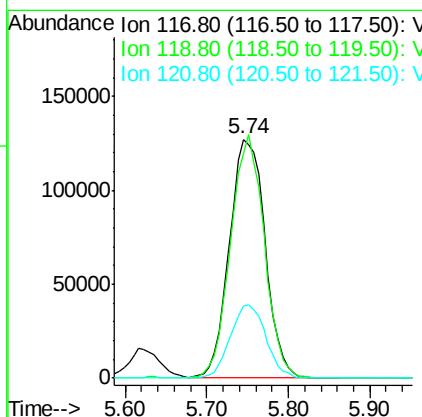
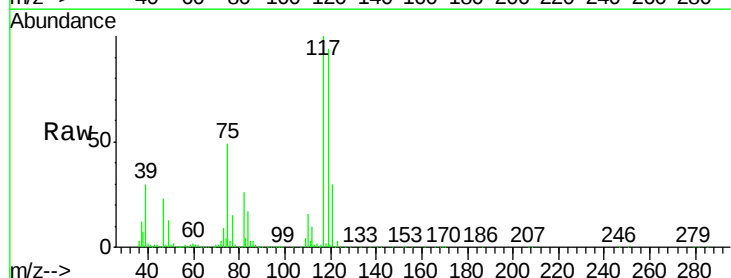
Manual Integrations
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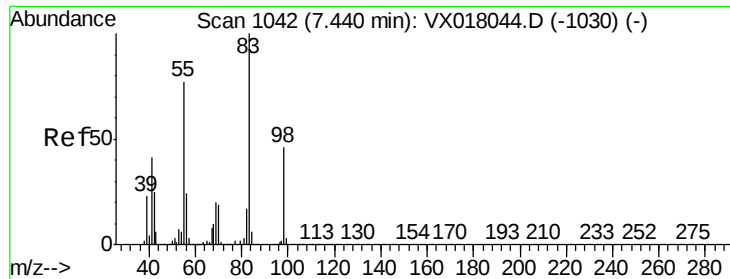
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#38
Carbon Tetrachloride
Concen: 58.784 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion:	117	Resp:	384072
Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.8	113.6
121	30.1	23.4	35.0





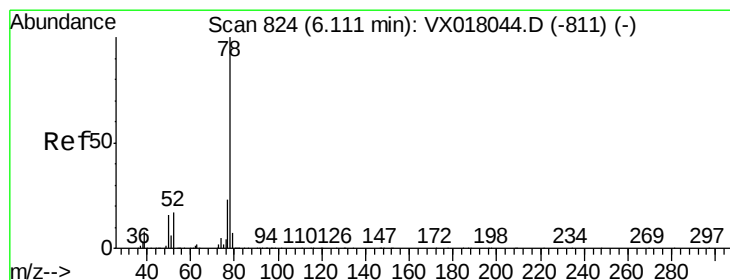
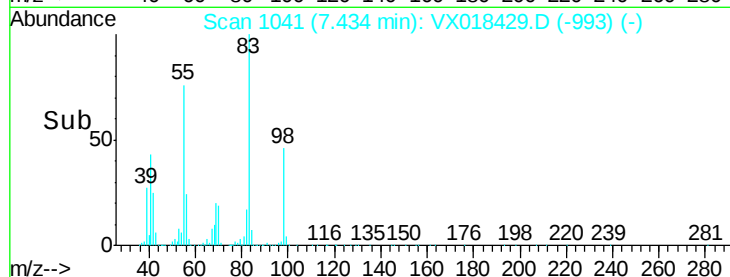
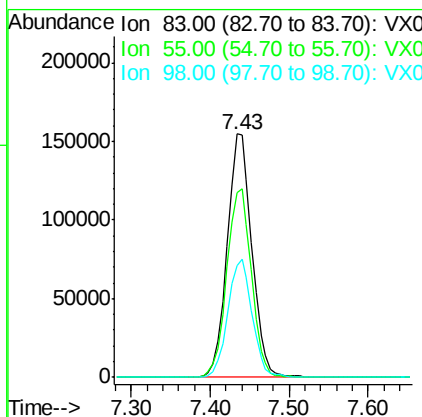
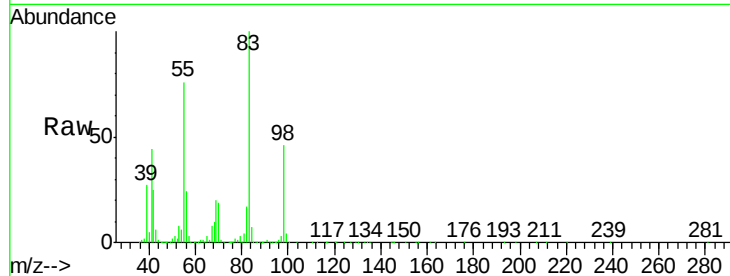
#39
Methvlcvclohexane
Concen: 53.009 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.8	61.8	92.6
98	46.0	36.6	55.0

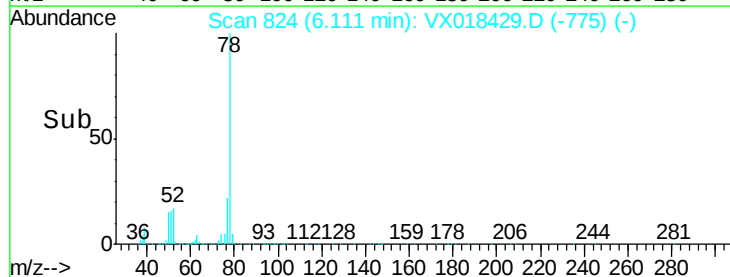
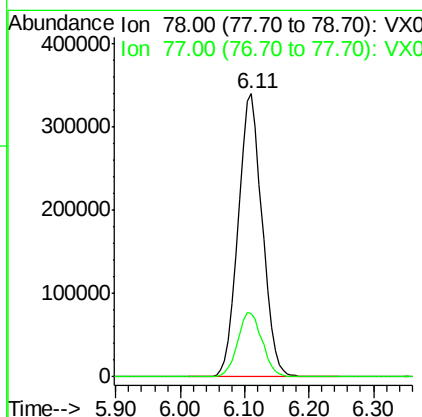
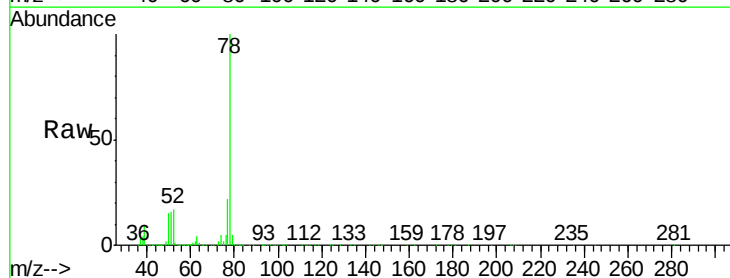
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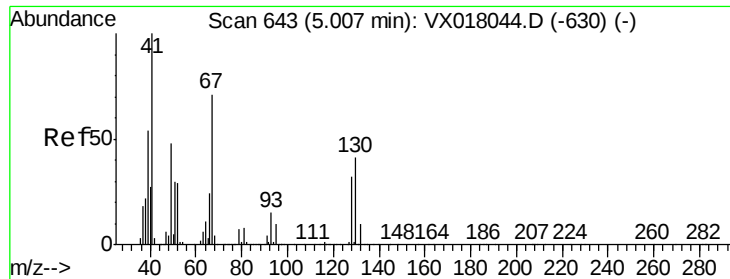
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#40
Benzene
Concen: 51.367 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.2	27.2





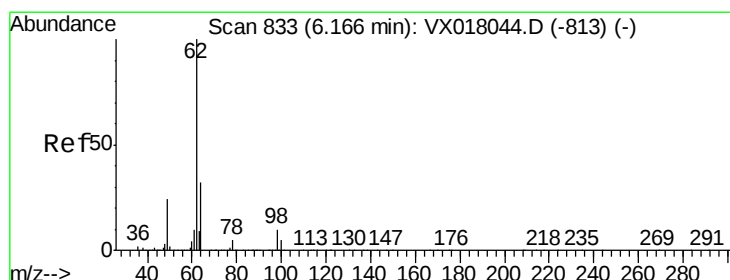
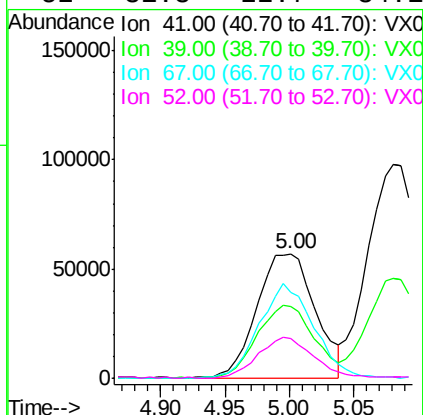
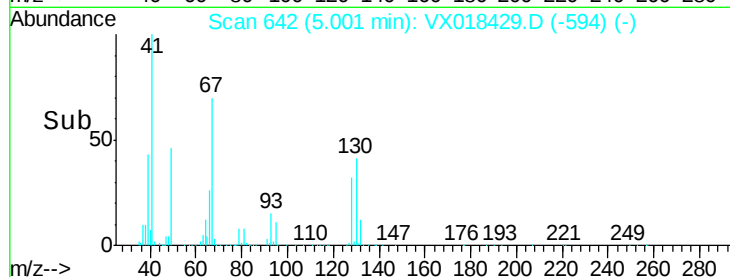
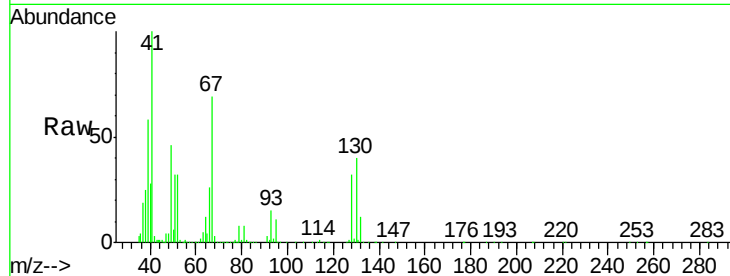
#41
Methacrylonitrile
Concen: 48.130 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.6	43.1	64.7	
67	71.9	56.0	84.0	
52	31.3	22.7	34.1	

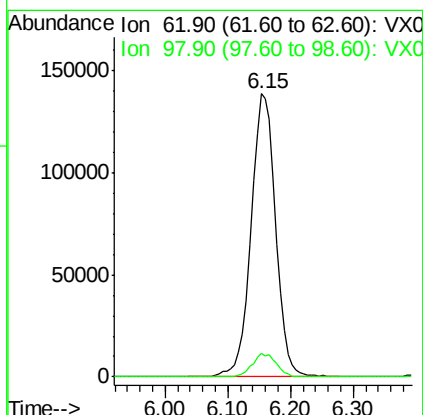
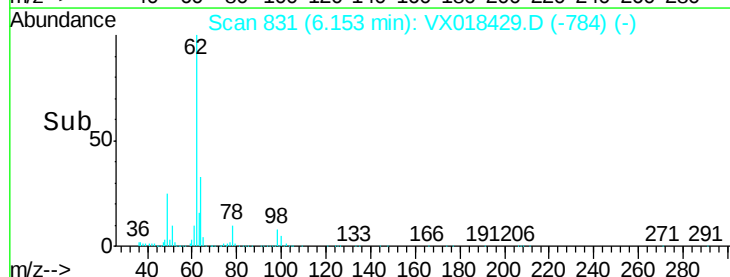
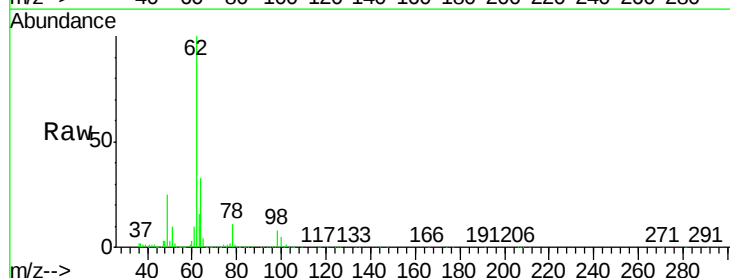
Manual Integrations
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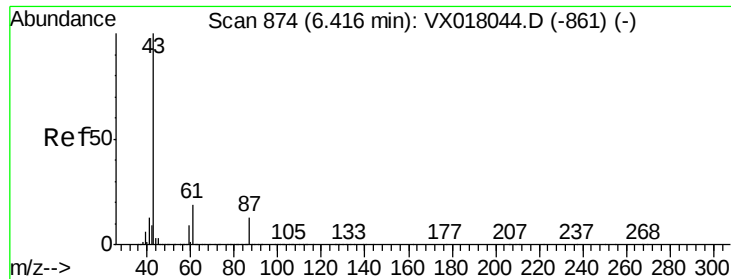
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#42
1,2-Dichloroethane
Concen: 57.165 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	18.2	





#43

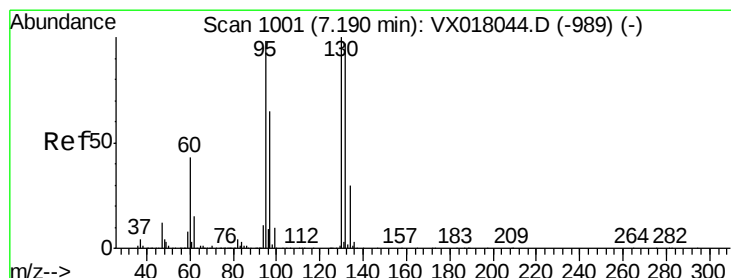
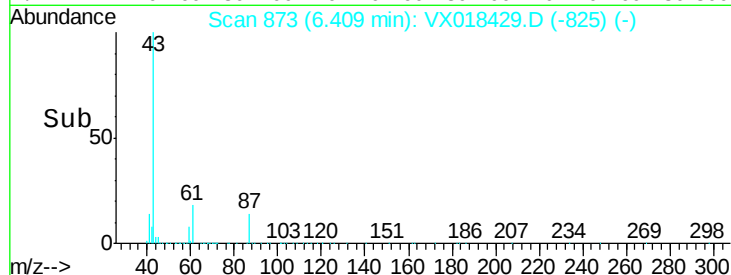
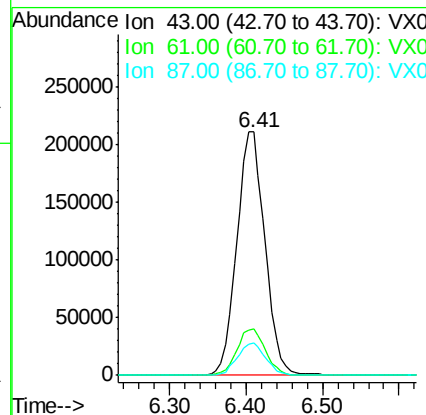
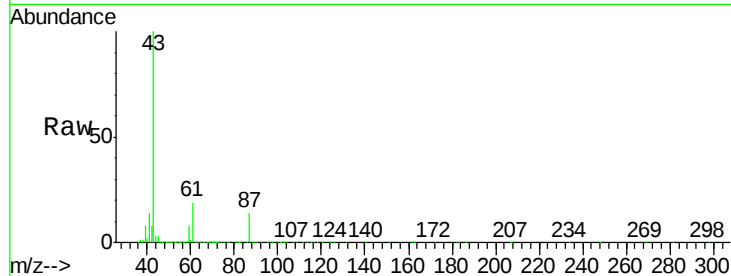
Isopropyl Acetate
 Concen: 49.036 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.7	23.5
87	13.4	10.3	15.5

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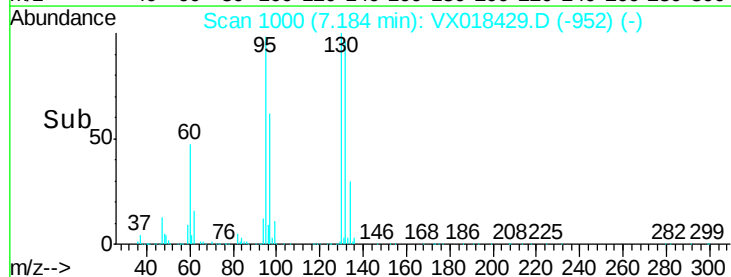
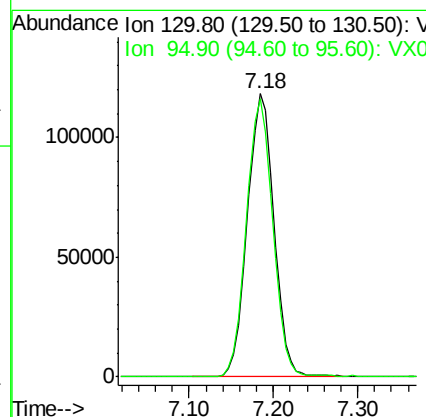
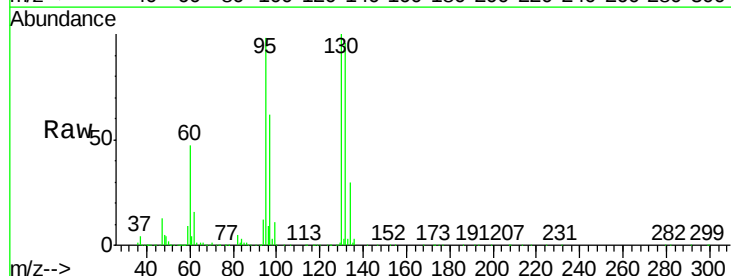
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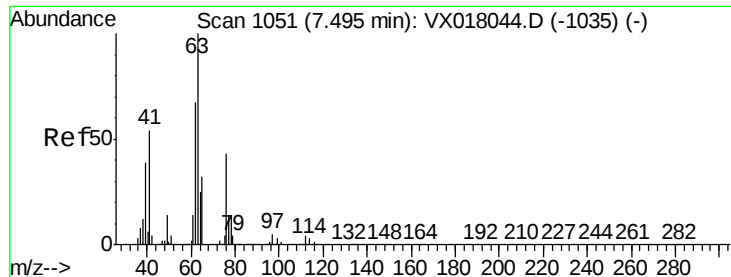


#44

Trichloroethene
 Concen: 52.516 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	196.4





#45

1,2-Dichloropropane

Concen: 51.889 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 238240

Ion Ratio Lower Upper

63 100

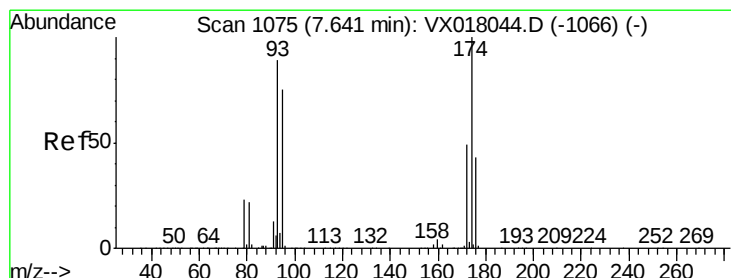
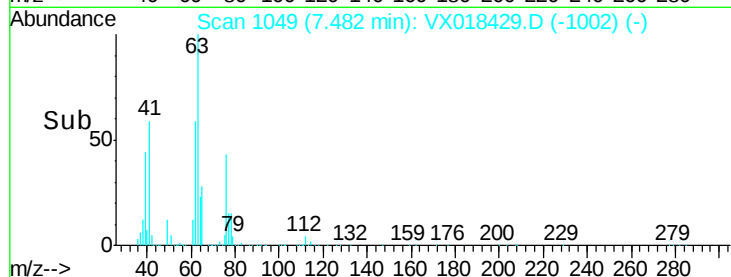
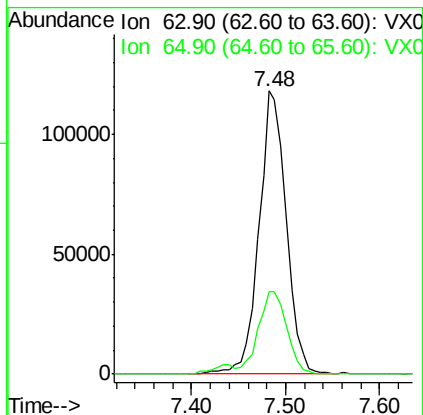
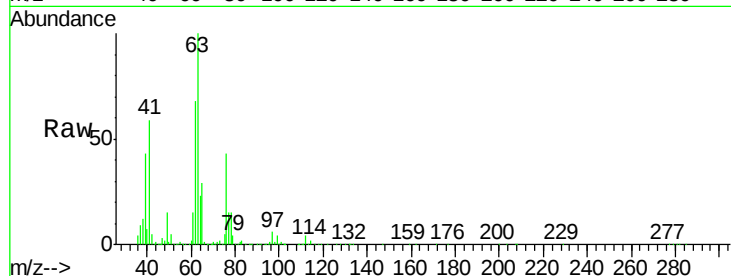
65 28.9 25.7 38.5

Manual Integrations

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#46

Dibromomethane

Concen: 52.282 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

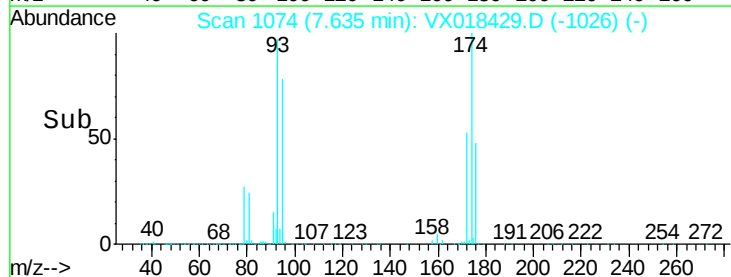
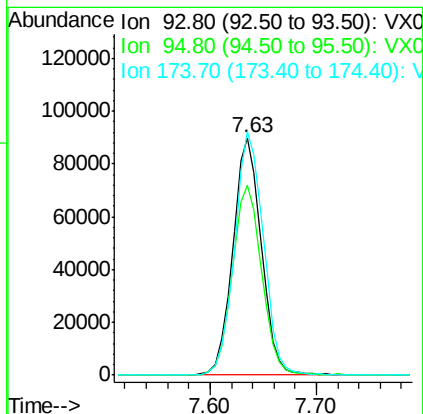
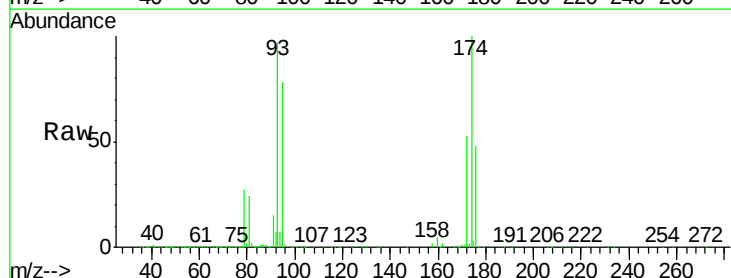
Tgt Ion: 93 Resp: 168804

Ion Ratio Lower Upper

93 100

95 82.4 67.3 100.9

174 103.9 82.2 123.2





#47

Bromodichloromethane

Concen: 55.744 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

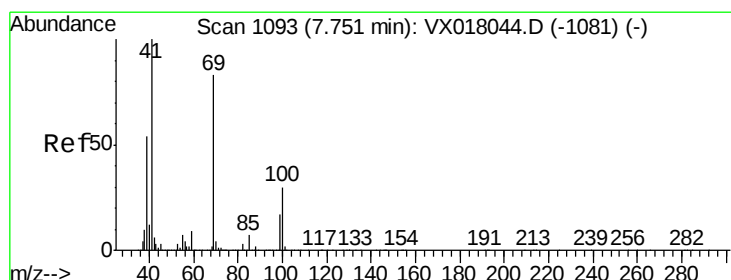
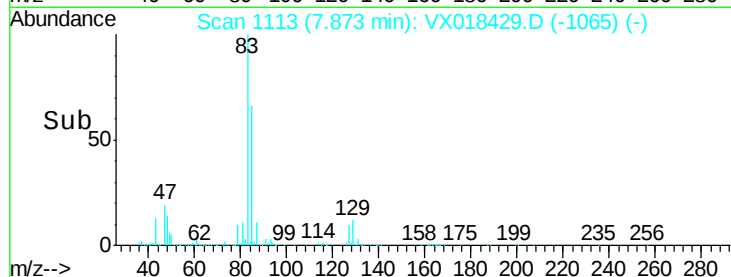
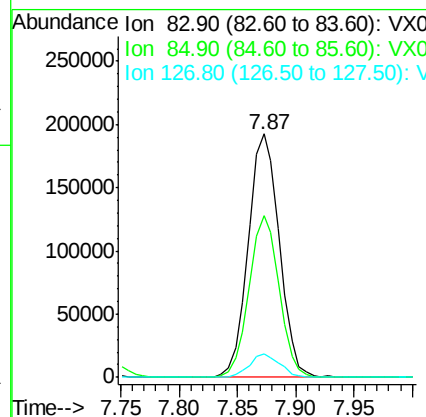
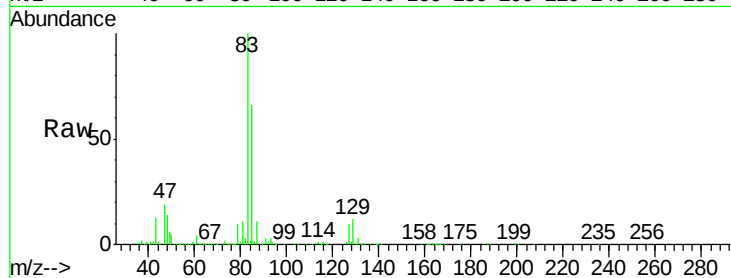
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	359365
Ion Ratio	Lower	Upper	
83	100		
85	66.1	51.8	77.6
127	9.7	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.038 ug/l

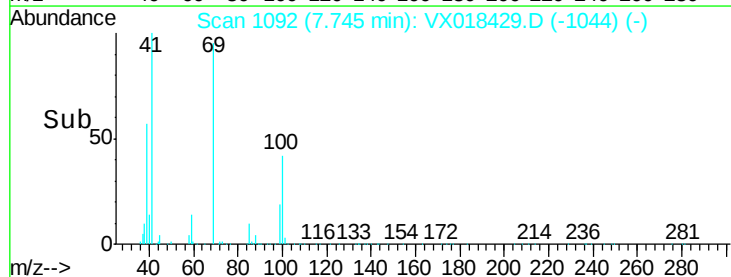
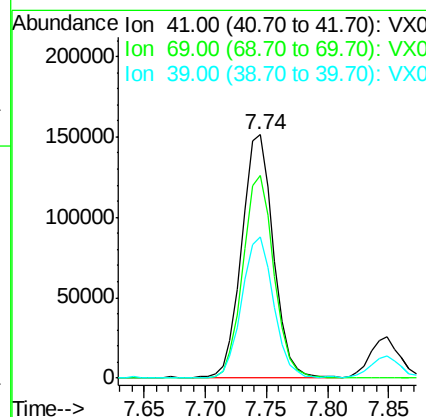
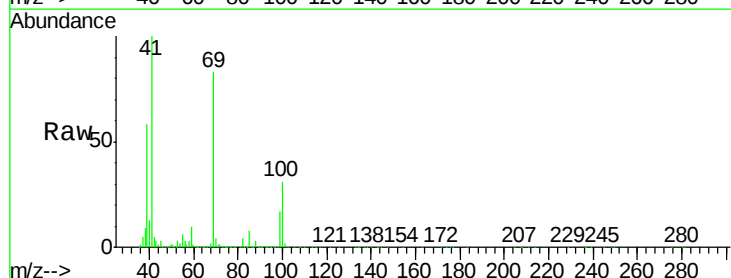
RT: 7.74 min Scan# 1092

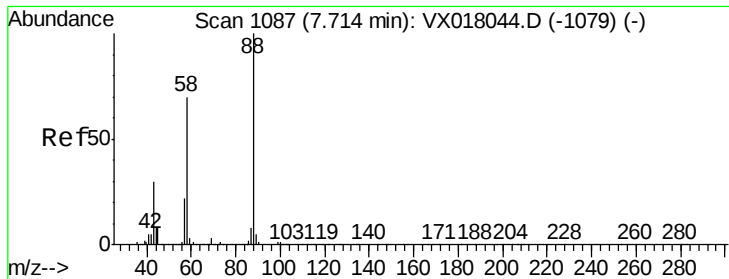
Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Tgt Ion:	41	Resp:	270908
Ion Ratio	Lower	Upper	
41	100		
69	81.8	65.5	98.3
39	57.5	44.5	66.7





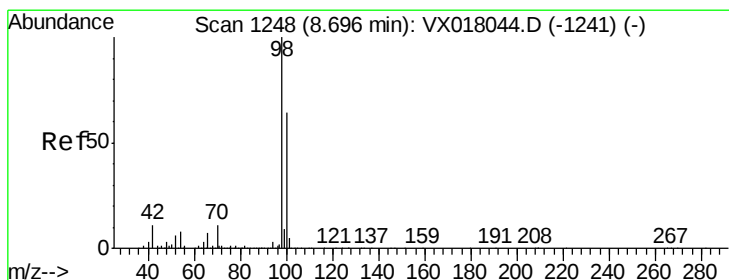
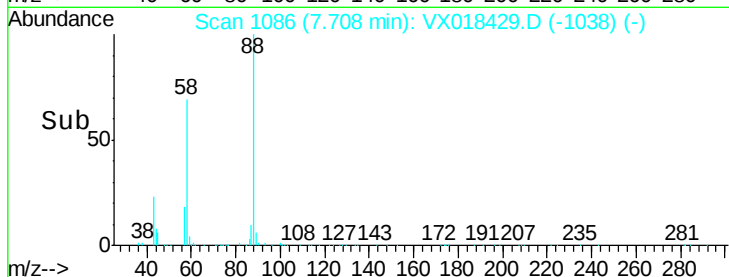
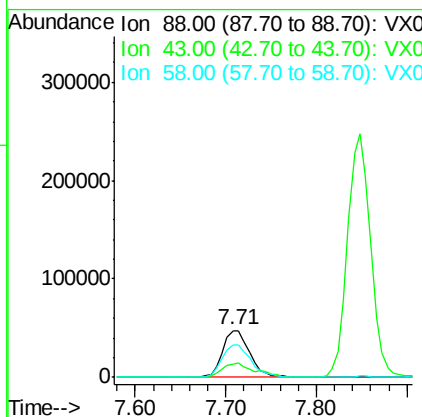
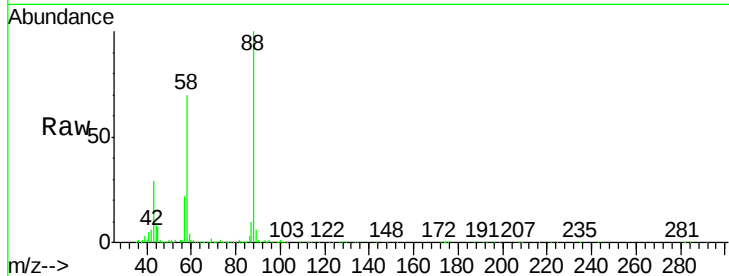
#49
1,4-Dioxane
Concen: 1011.906 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.2	27.4	41.0
58	73.8	56.4	84.6

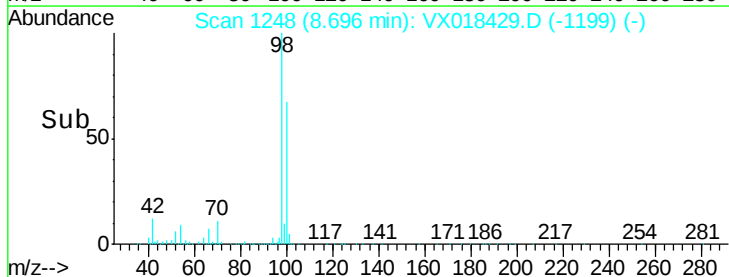
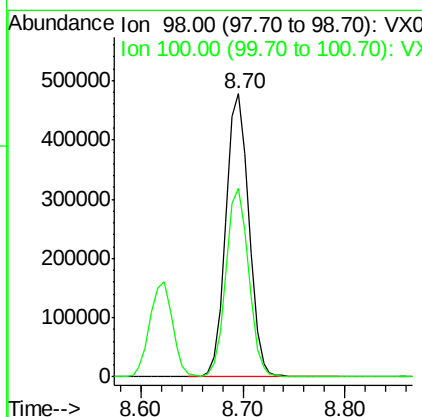
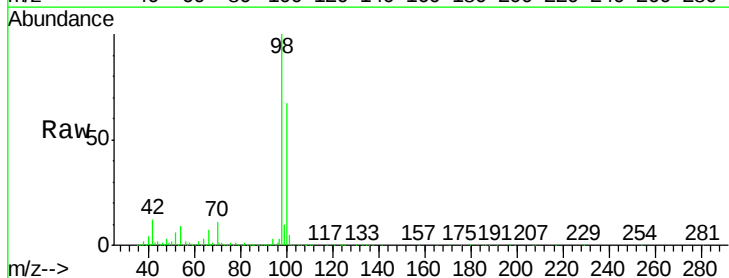
Manual Integrations
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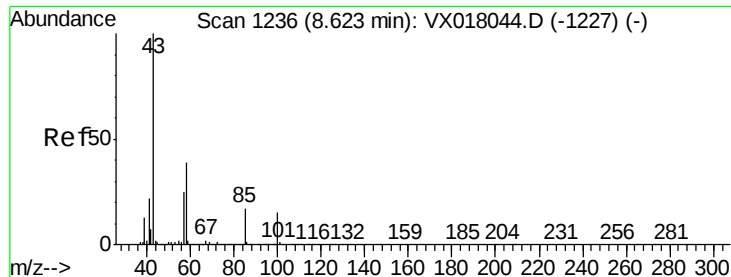
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#50
Toluene-d8
Concen: 46.654 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.2	78.4





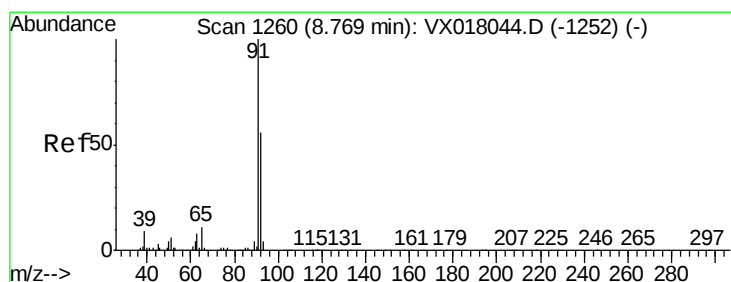
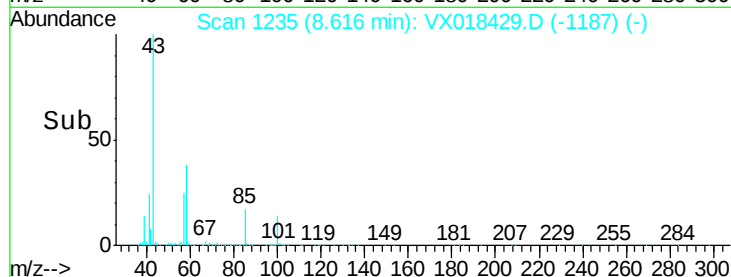
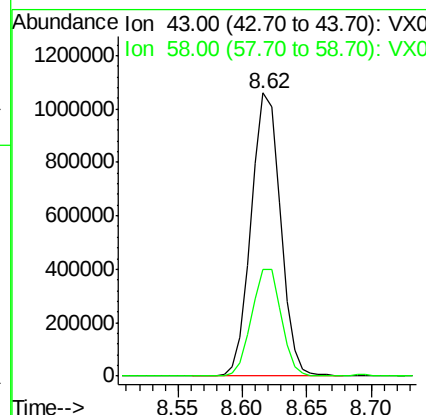
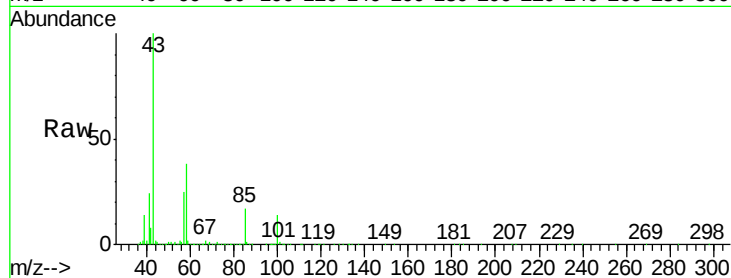
#51
4-Methyl-2-Pentanone
Concen: 247.674 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1663900
Ion Ratio Lower Upper
43 100
58 38.5 30.7 46.1

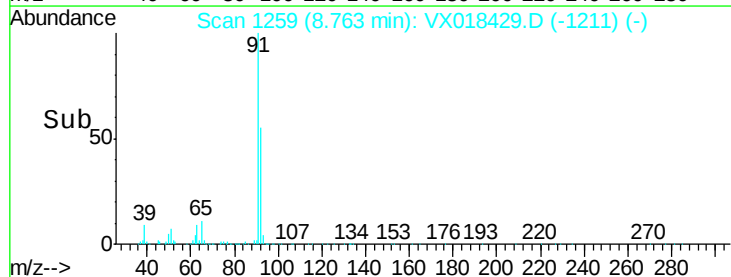
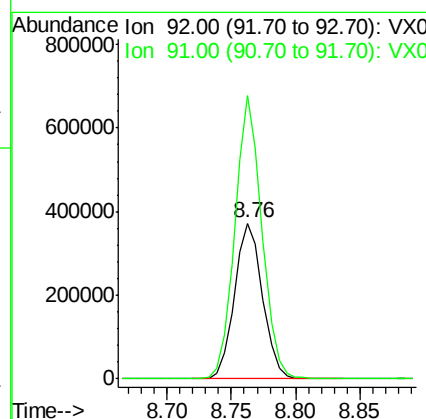
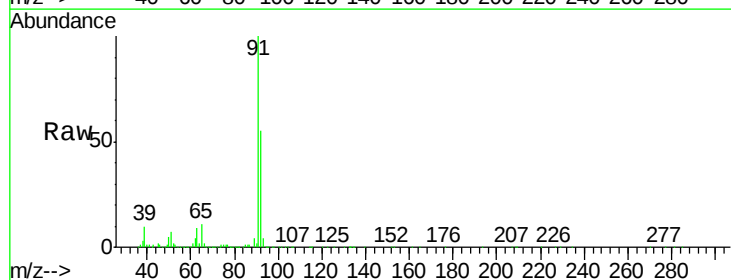
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#52
Toluene
Concen: 52.384 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion: 92 Resp: 565859
Ion Ratio Lower Upper
92 100
91 174.5 140.3 210.5





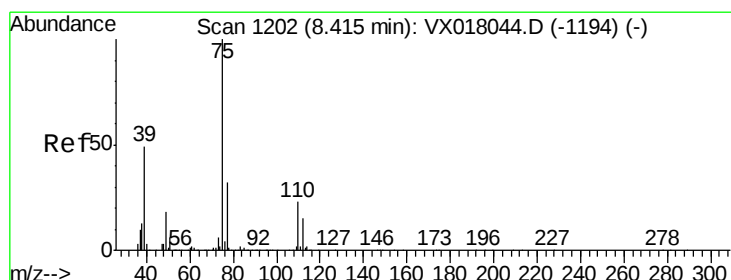
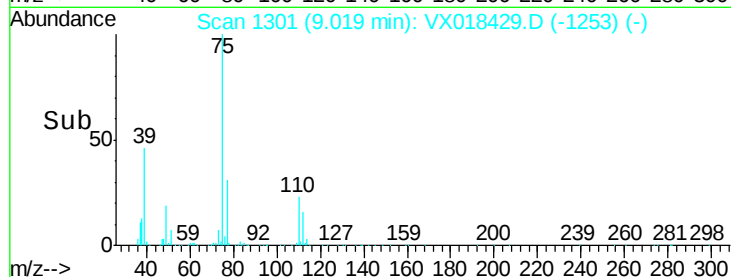
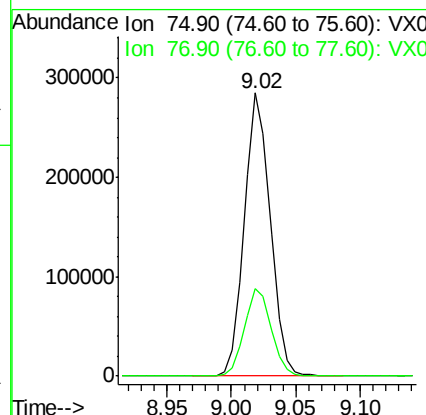
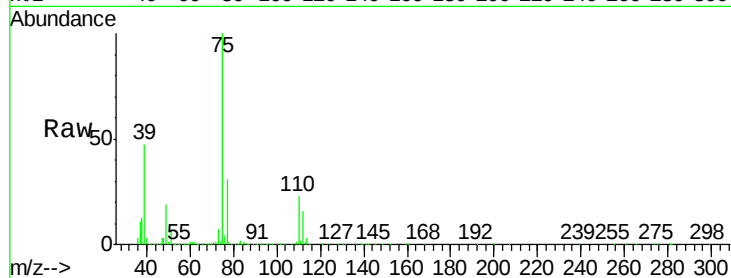
#53
t-1,3-Dichloropropene
Concen: 55.513 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 396637
Ion Ratio Lower Upper
75 100
77 30.8 26.6 39.8

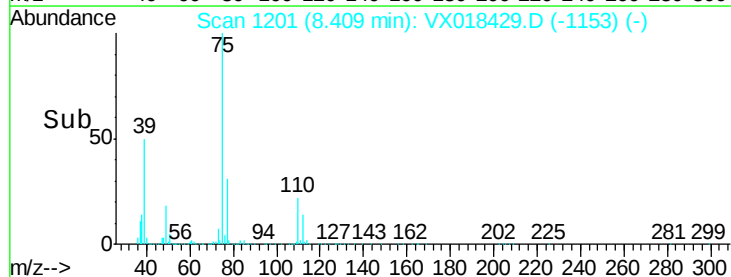
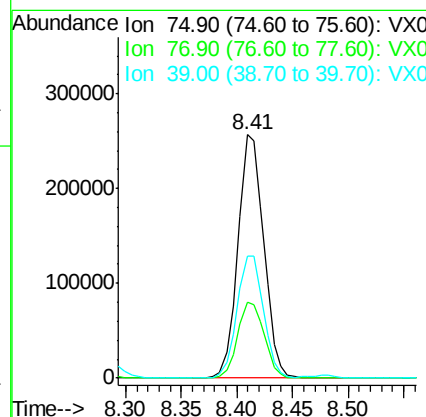
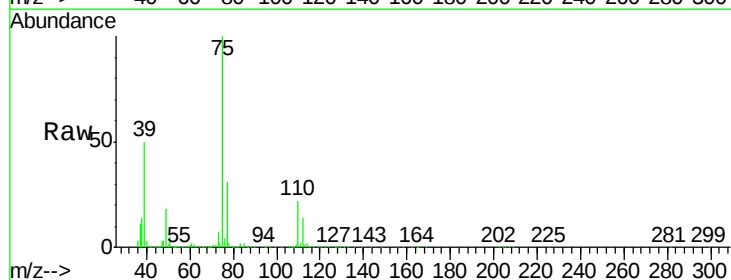
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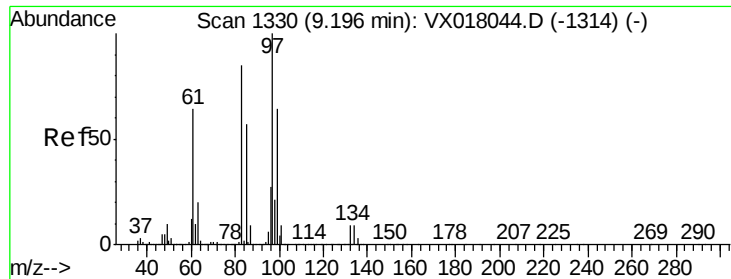
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#54
cis-1,3-Dichloropropene
Concen: 54.509 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion: 75 Resp: 412574
Ion Ratio Lower Upper
75 100
77 30.9 25.8 38.8
39 50.1 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 52.396 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

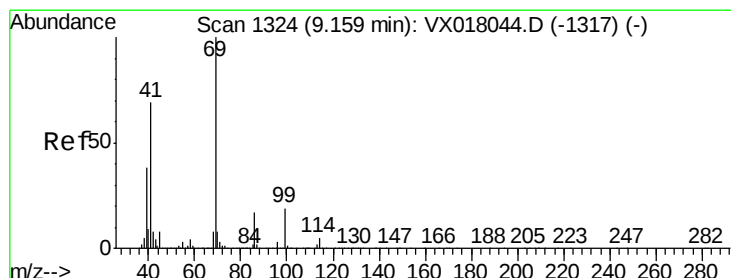
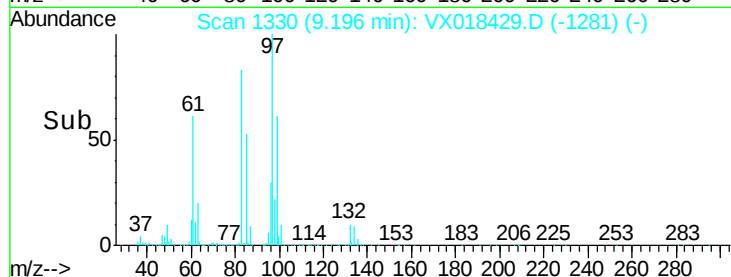
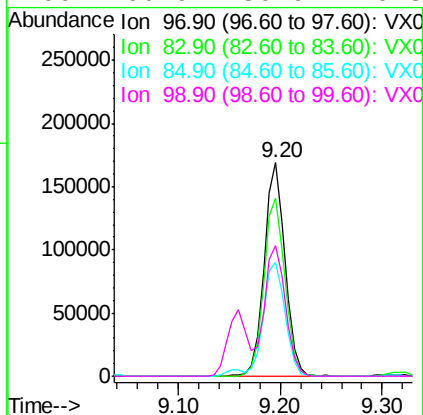
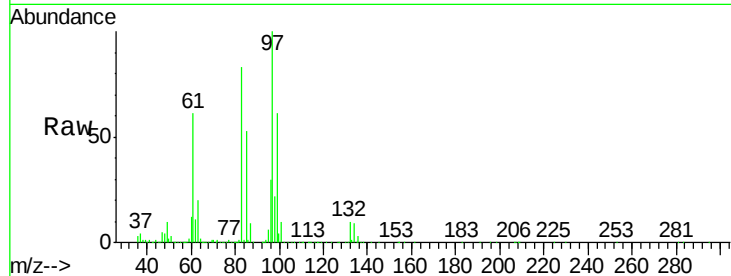
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		241391		
83	83.3	67.8	101.6		
85	53.2	45.3	67.9		
99	60.9	50.9	76.3		

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#56

Ethyl methacrylate

Concen: 51.959 ug/l

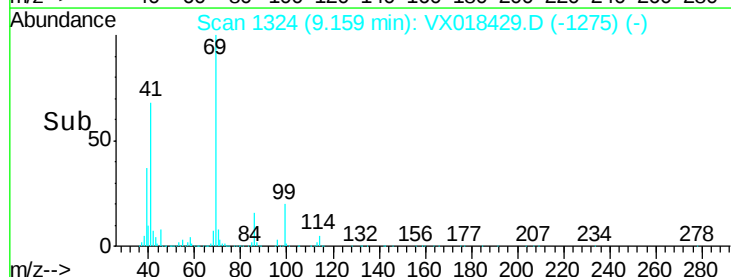
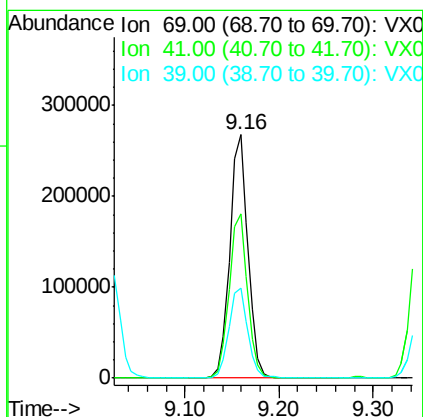
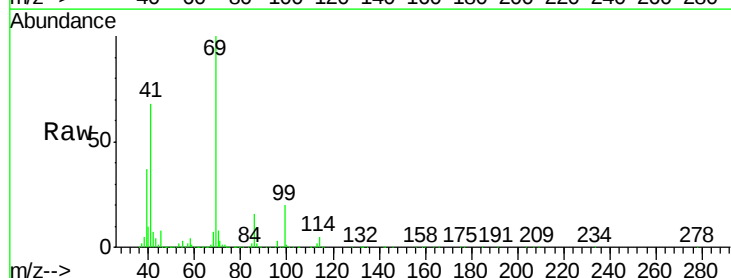
RT: 9.16 min Scan# 1324

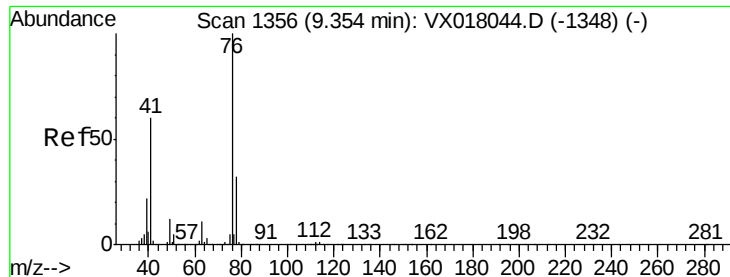
Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		355857		
41	68.3	54.6	81.8		
39	38.3	29.1	43.7		





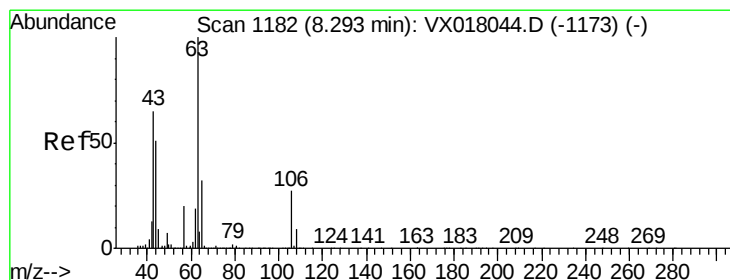
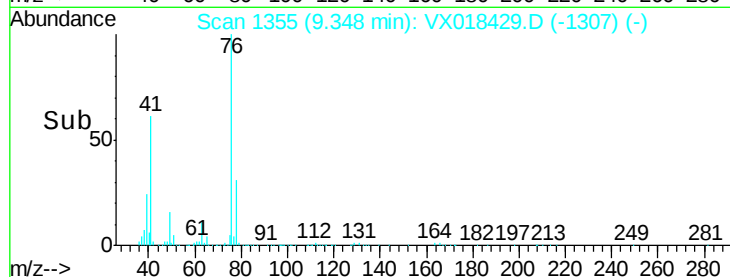
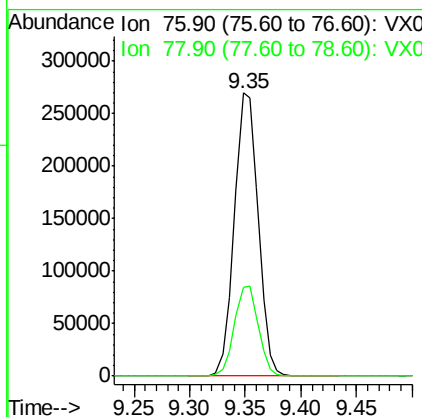
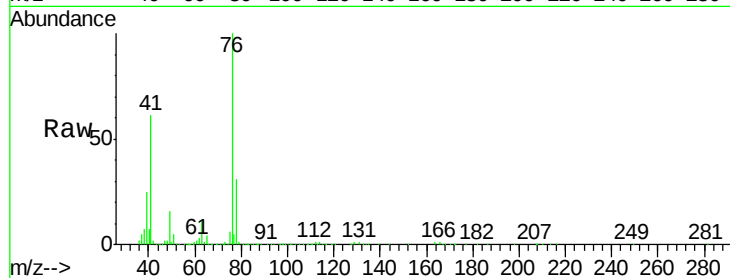
#57
 1,3-Dichloropropane
 Concen: 52.645 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.8	38.6

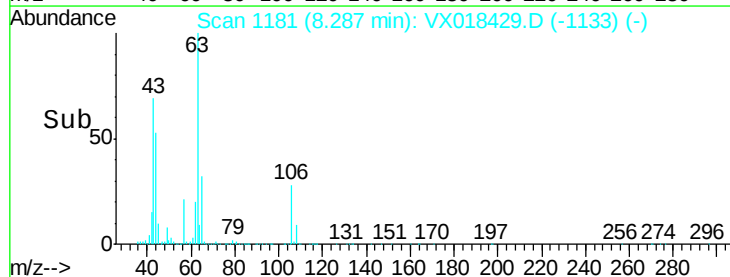
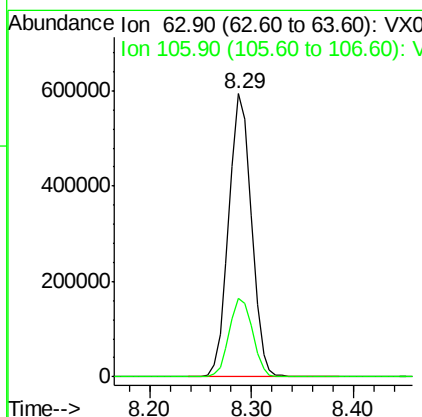
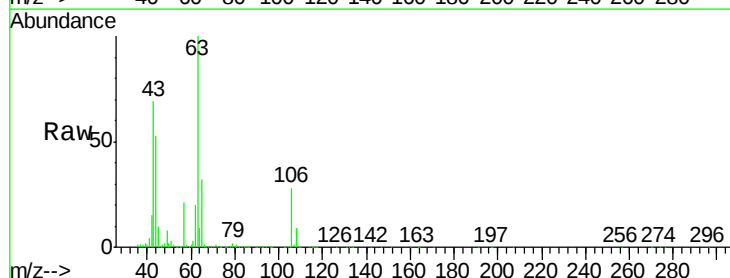
Manual Integrations
 APPROVED

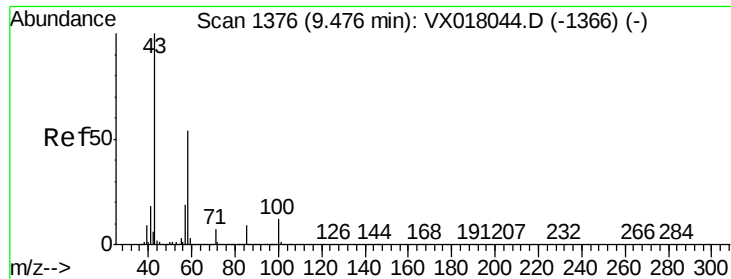
MMDadoda
 9/17/2020 11:27:23 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 296.107 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.5	22.1	33.1





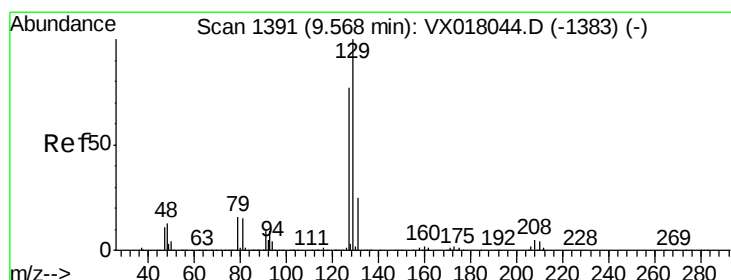
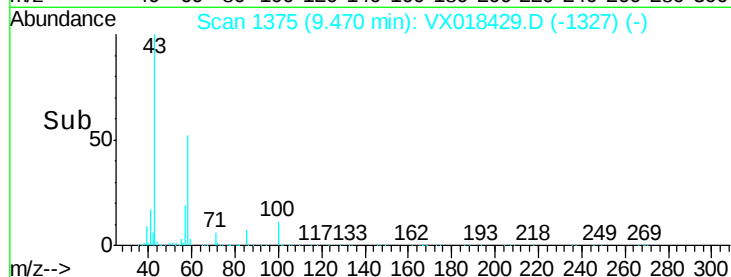
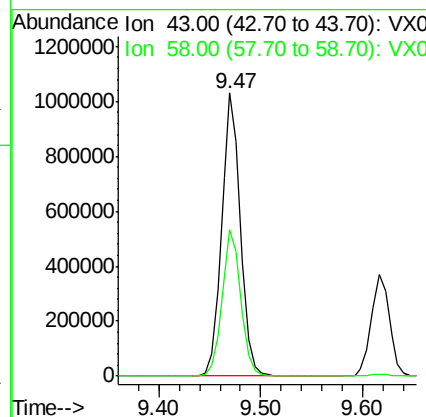
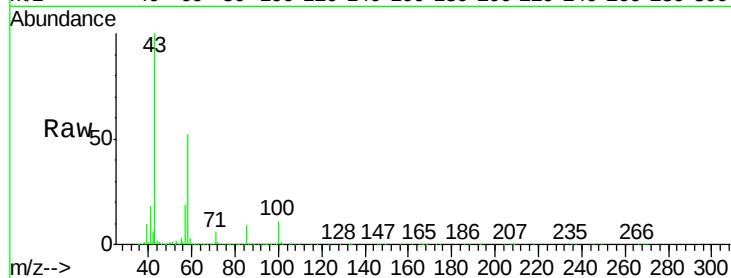
#59
2-Hexanone
Concen: 259.092 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1323530
Ion Ratio Lower Upper
43 100
58 52.0 26.6 79.7

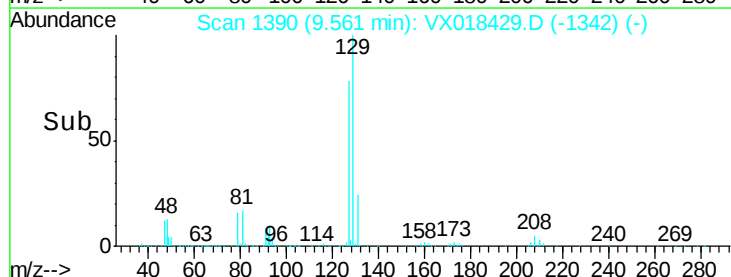
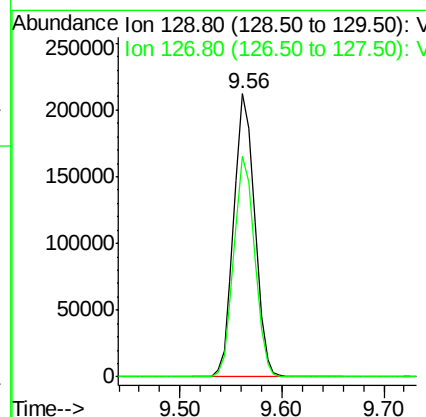
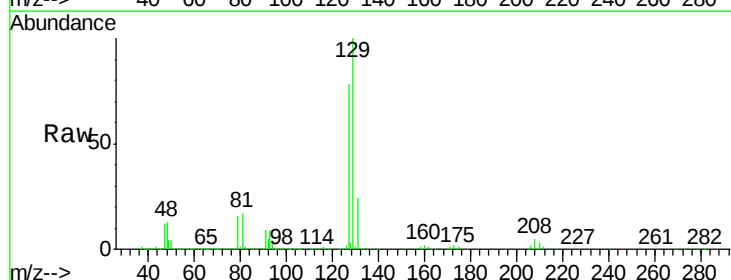
Manual Integrations
APPROVED

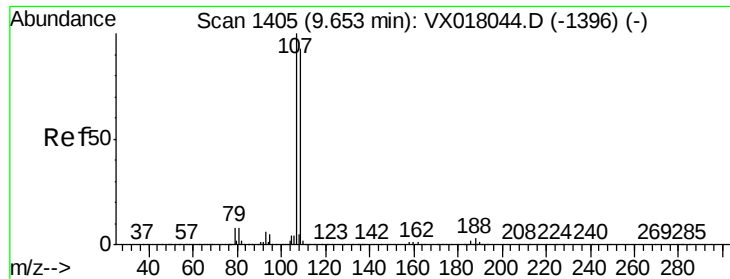
MMDadoda
9/17/2020 11:27:23 AM



#60
Dibromochloromethane
Concen: 55.733 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion: 129 Resp: 301208
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6





#61

1,2-Dibromoethane

Concen: 51.706 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 258615

Ion Ratio Lower Upper

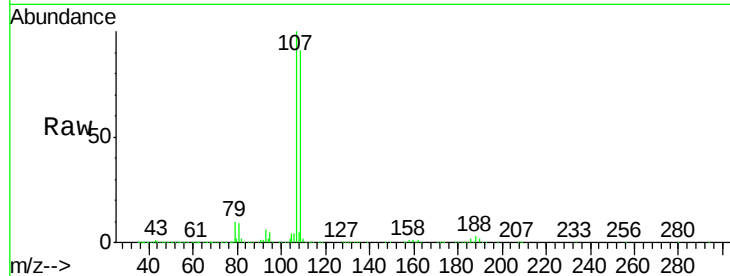
107 100

109 93.5 75.9 113.9

Manual Integrations
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MMDadoda

9/17/2020 11:27:23 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

200000

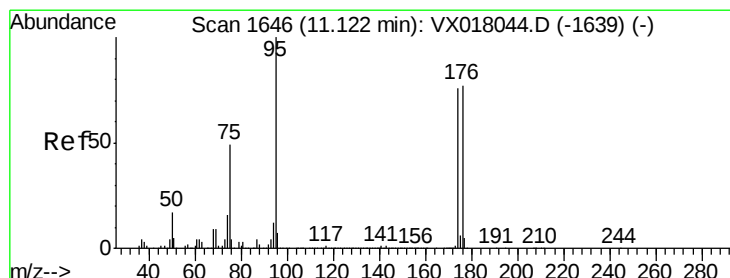
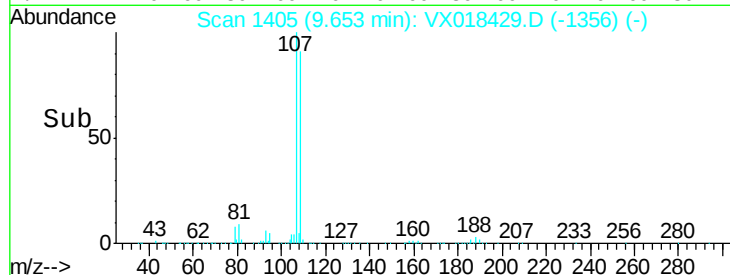
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.375 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

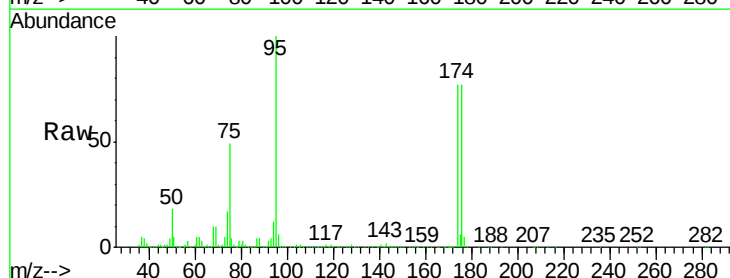
Tgt Ion: 95 Resp: 316005

Ion Ratio Lower Upper

95 100

174 80.4 0.0 160.2

176 74.8 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

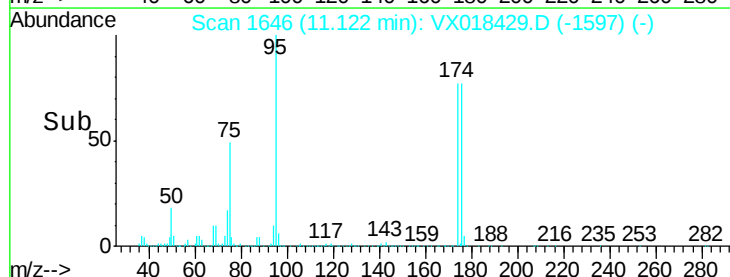
300000

200000

100000

0

Time-->





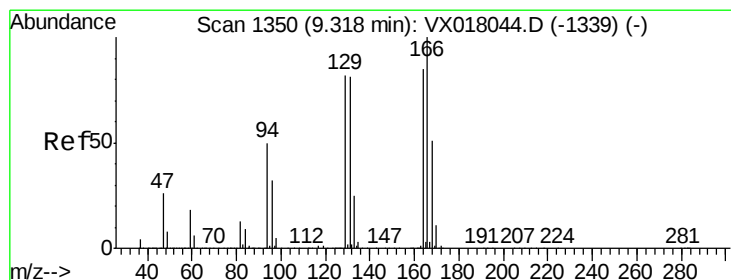
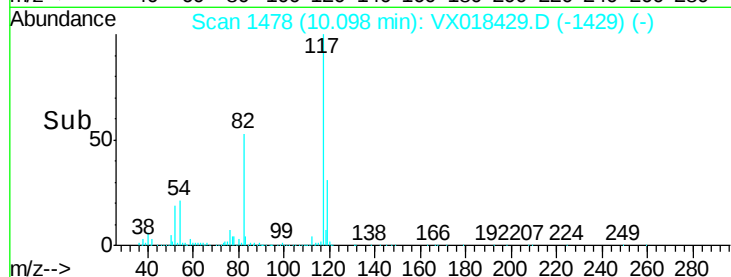
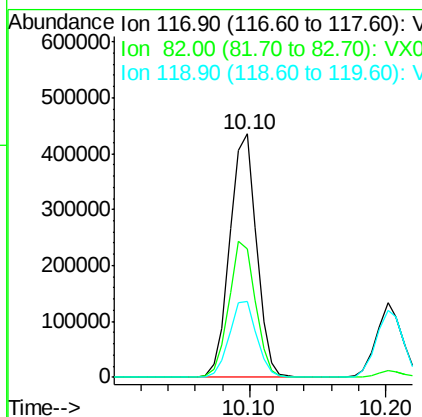
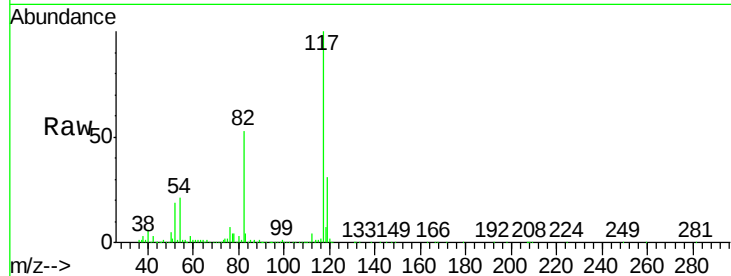
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	44.2	66.2
119	31.2	25.7	38.5

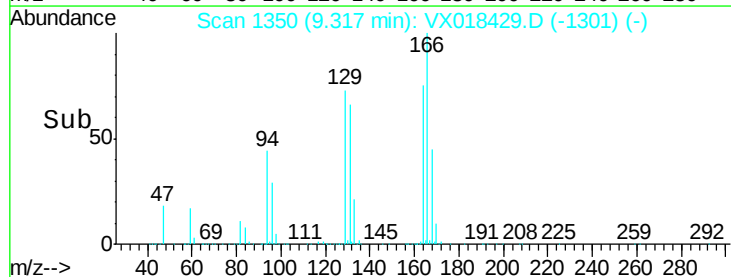
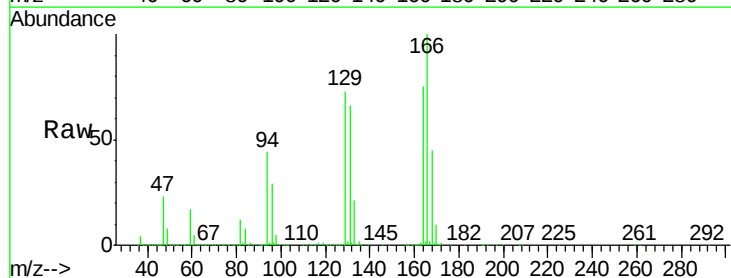
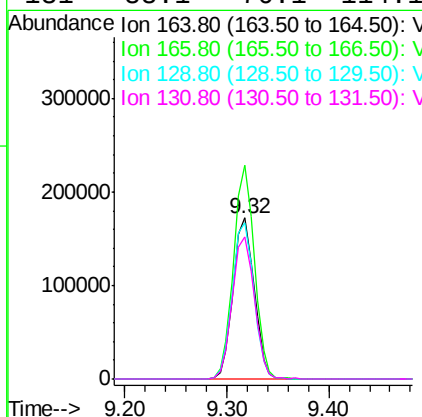
Manual Integrations
APPROVED

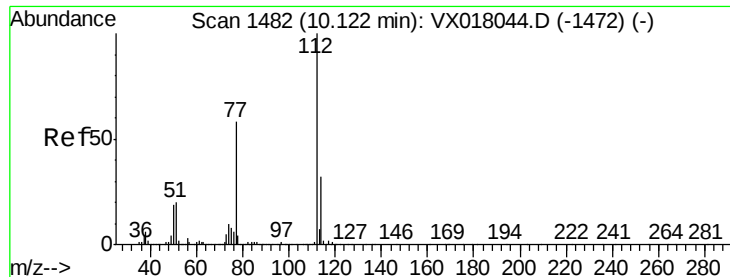
MMDadoda
9/17/2020 11:27:23 AM



#64
Tetrachloroethene
Concen: 56.143 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.9	94.2	141.2
129	97.1	76.9	115.3
131	88.1	76.1	114.1





#65

Chlorobenzene

Concen: 54.494 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 647344

Ion Ratio Lower Upper

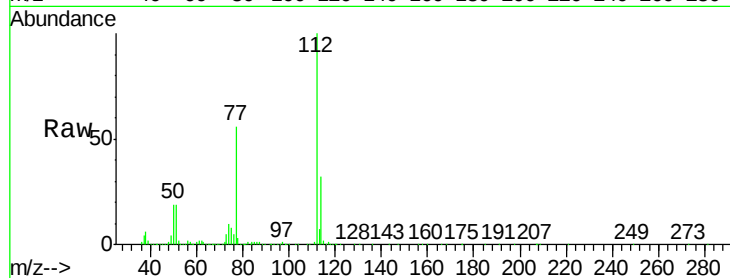
112 100

114 32.4 25.7 38.5

Manual Integrations
APPROVED

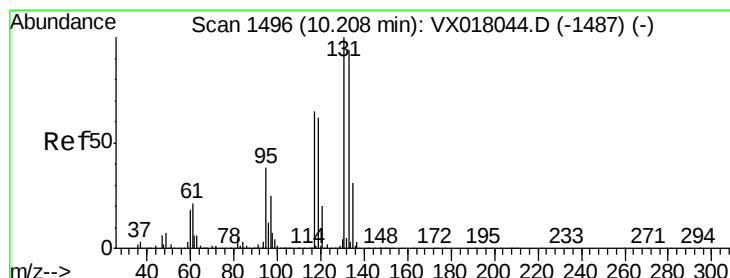
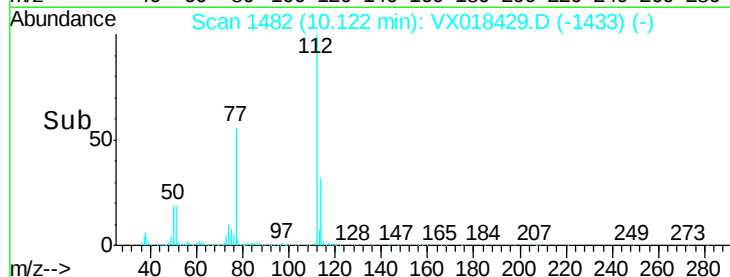
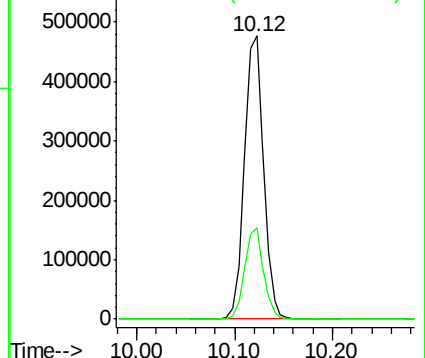
MMDadoda

9/17/2020 11:27:23 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 56.577 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

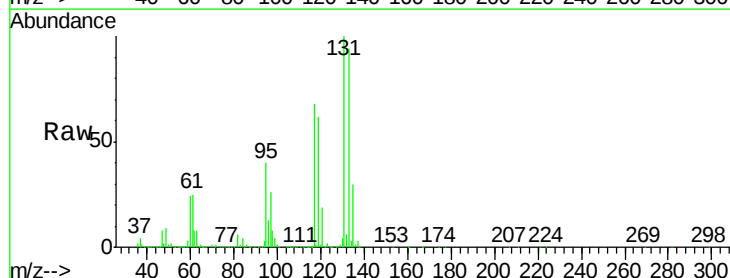
Tgt Ion:131 Resp: 264898

Ion Ratio Lower Upper

131 100

133 93.5 46.7 140.1

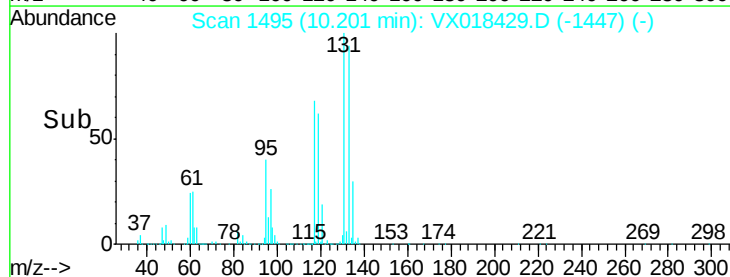
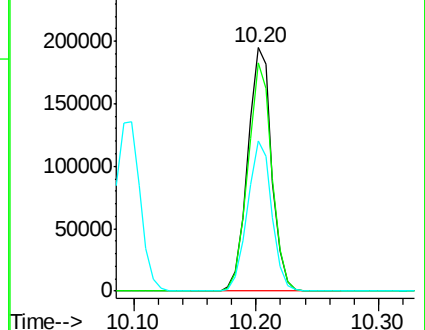
119 62.4 31.8 95.4

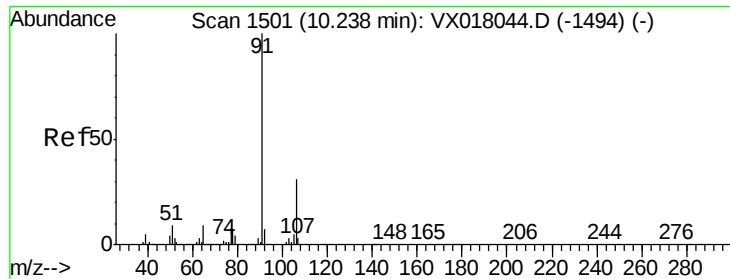


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





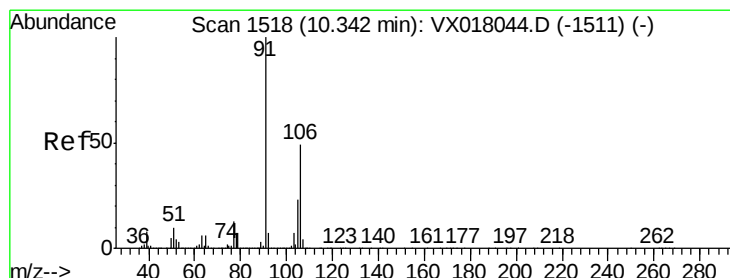
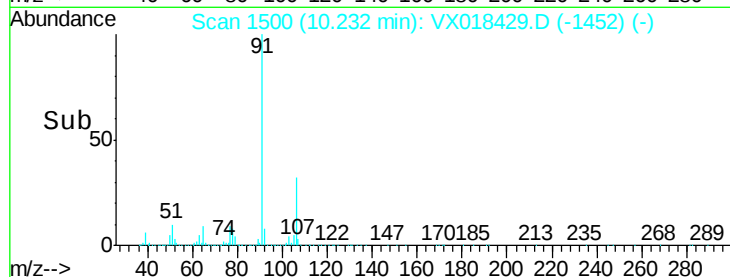
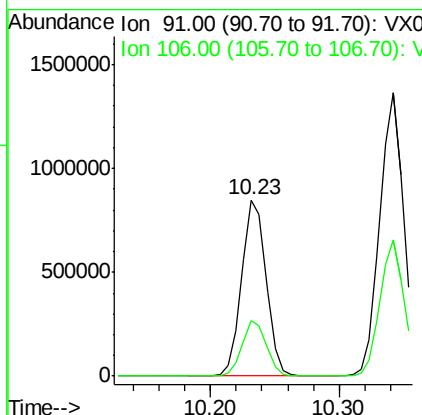
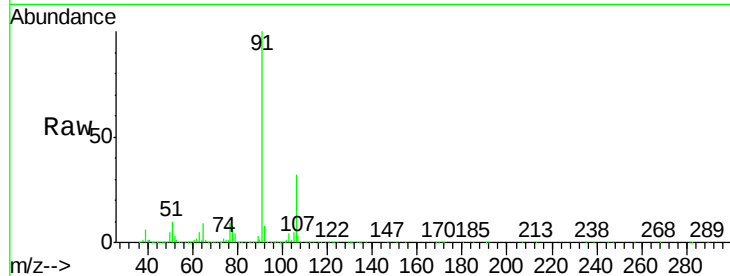
#67
Ethyl Benzene
Concen: 55.140 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 1113929
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

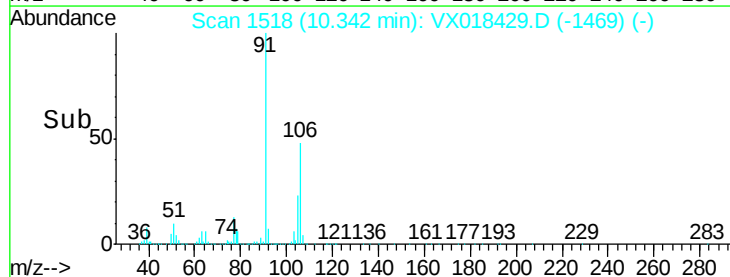
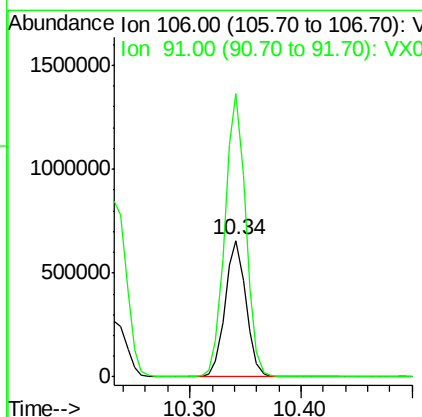
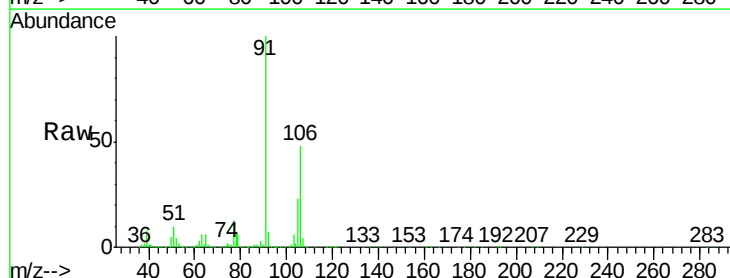
Manual Integrations
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#68
m/p-Xylenes
Concen: 112.224 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion: 106 Resp: 846199
Ion Ratio Lower Upper
106 100
91 208.1 162.2 243.2





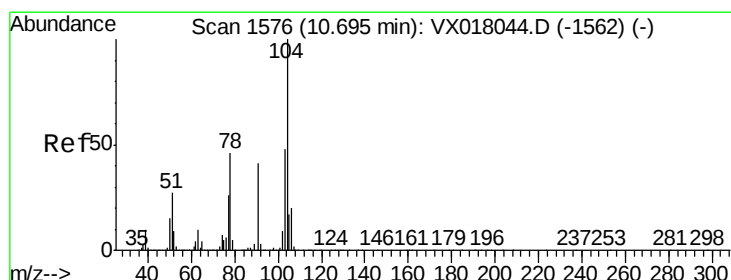
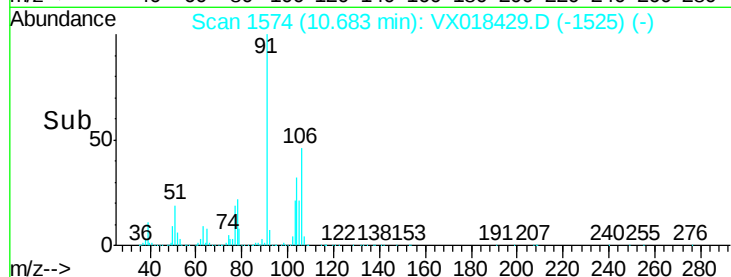
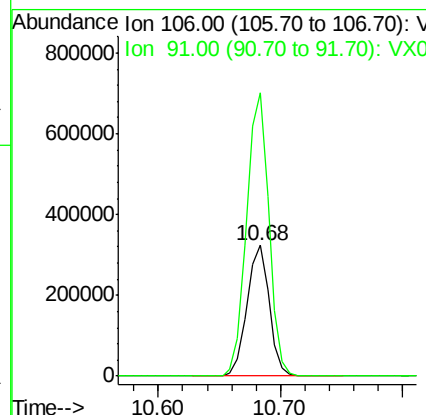
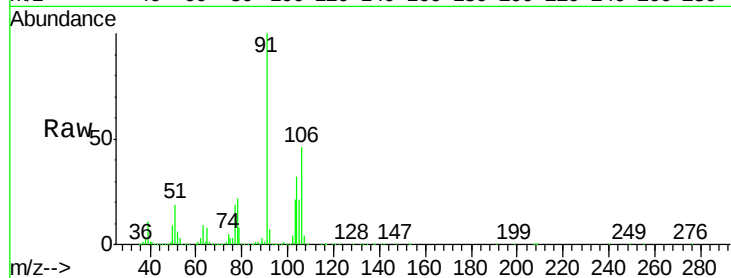
#69
o-Xylene
Concen: 55.394 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	218.1	107.1	321.3

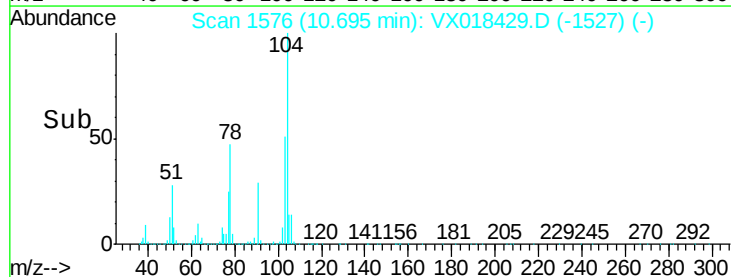
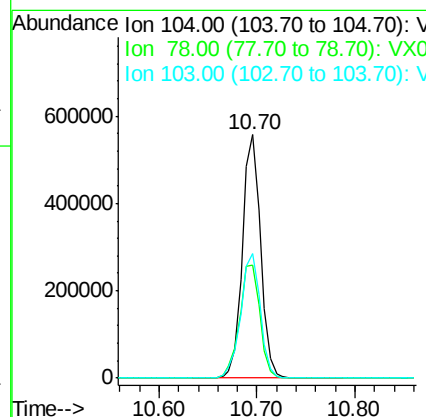
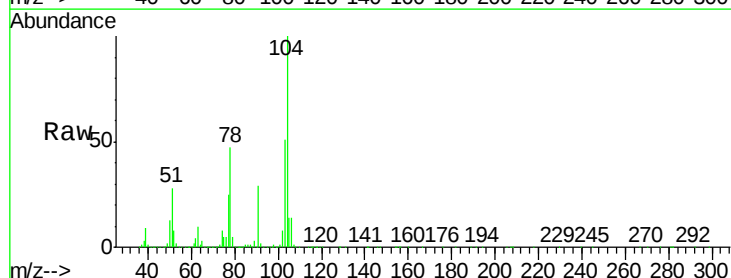
Manual Integrations
APPROVED

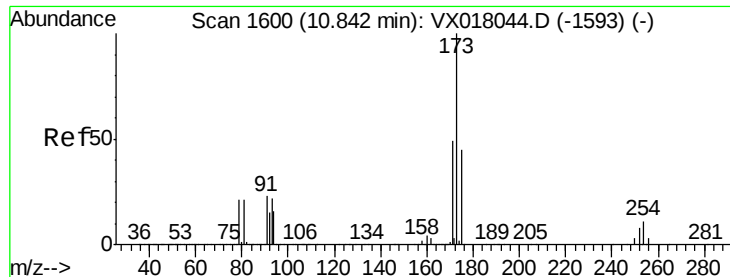
MMDadoda
9/17/2020 11:27:23 AM



#70
Styrene
Concen: 57.675 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.5	40.9	61.3
103	55.1	43.6	65.4





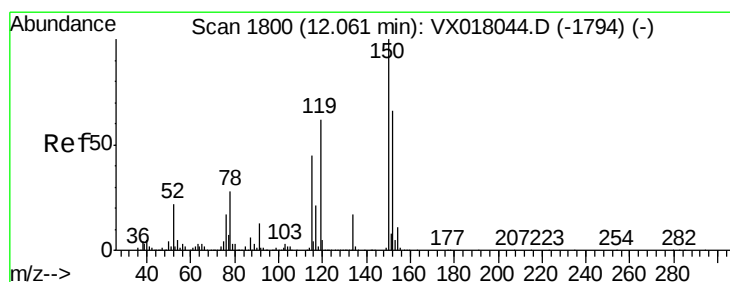
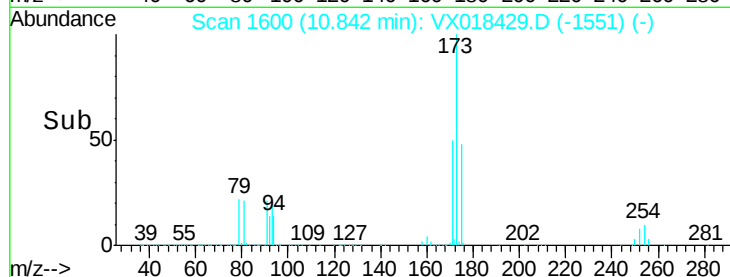
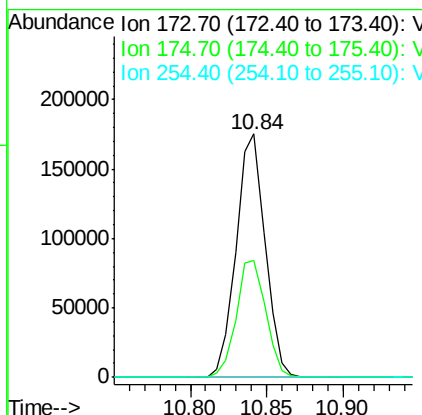
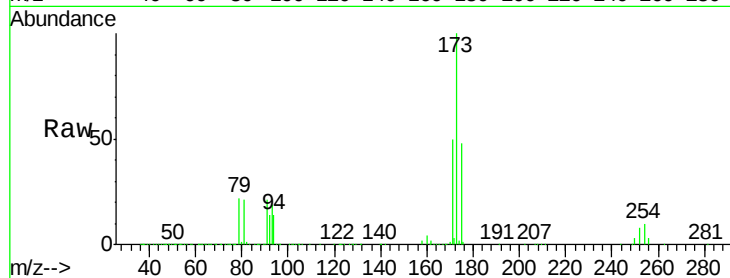
#71
Bromoform
Concen: 57.695 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	23.9	71.8
254	0.1	0.2	0.2

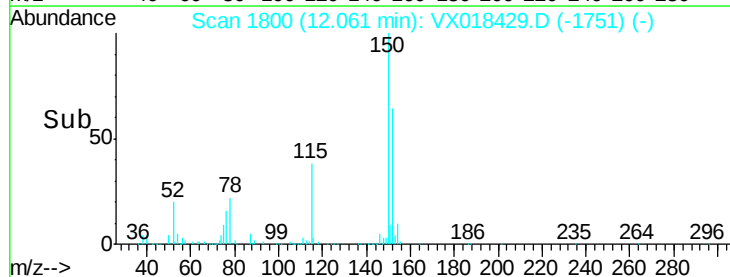
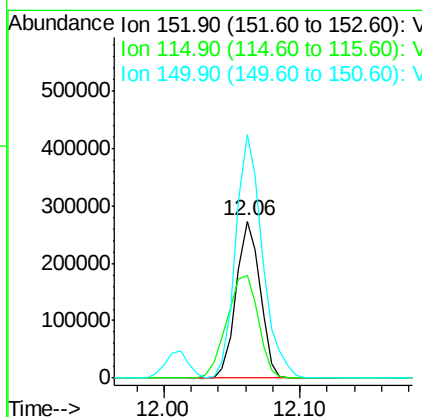
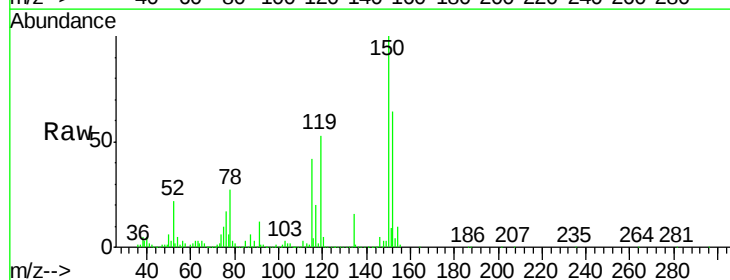
Manual Integrations
APPROVED

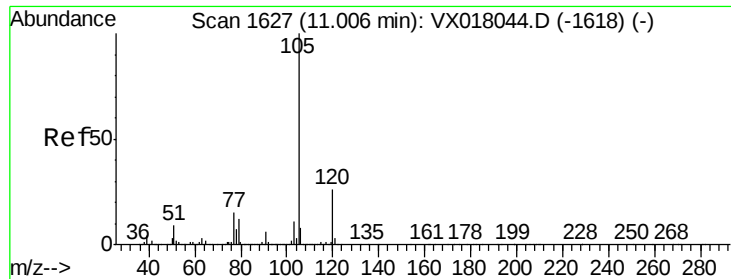
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	85.0	41.5	124.5
150	172.2	0.0	343.8





#73

Isopropylbenzene

Concen: 51.202 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 105 Resp: 1133745

Ion Ratio Lower Upper

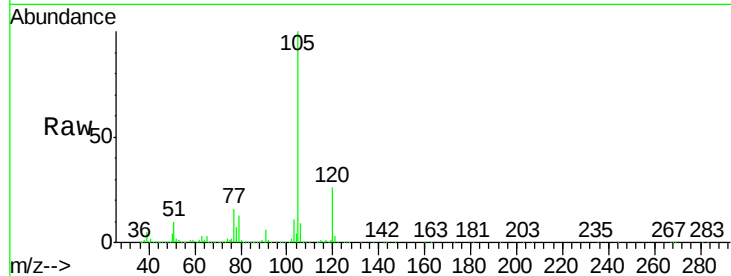
105 100

120 26.9 13.2 39.5

Manual Integrations
APPROVED

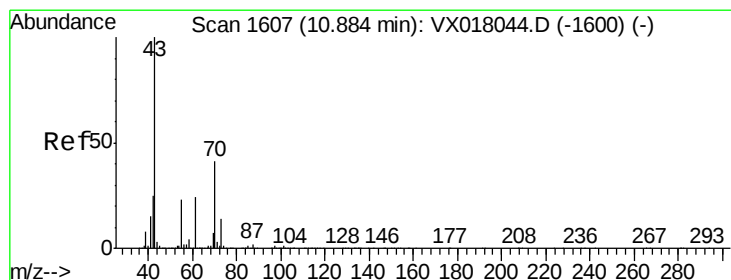
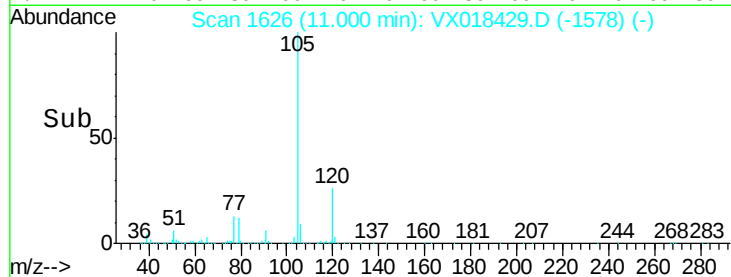
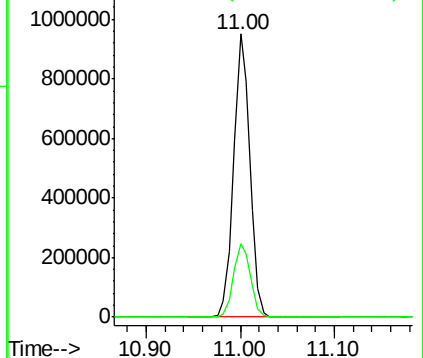
MMDadoda

9/17/2020 11:27:23 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.173 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Tgt Ion: 43 Resp: 485094

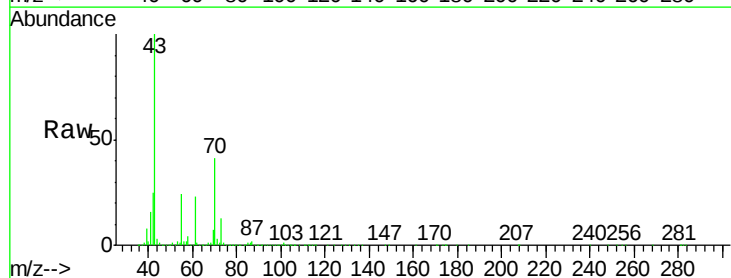
Ion Ratio Lower Upper

43 100

70 40.3 32.3 48.5

55 23.3 18.2 27.2

61 23.3 18.9 28.3

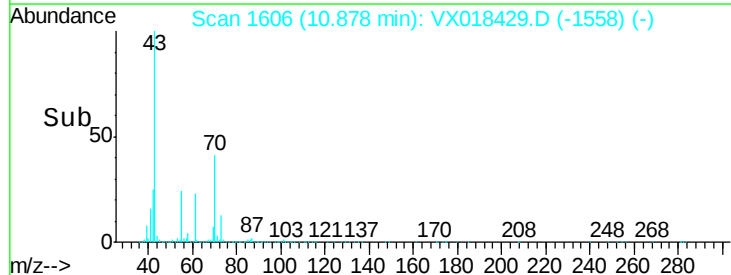
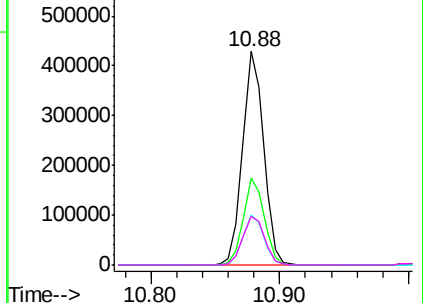


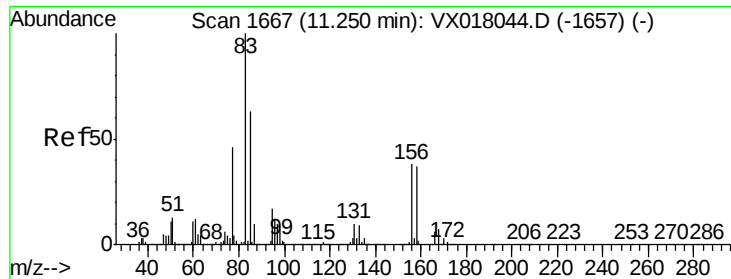
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.188 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

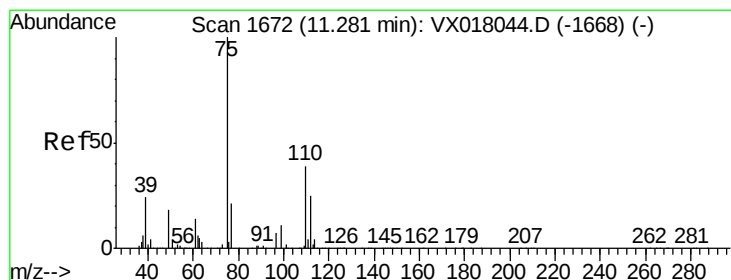
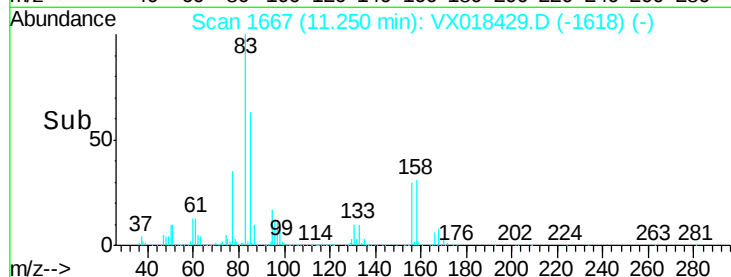
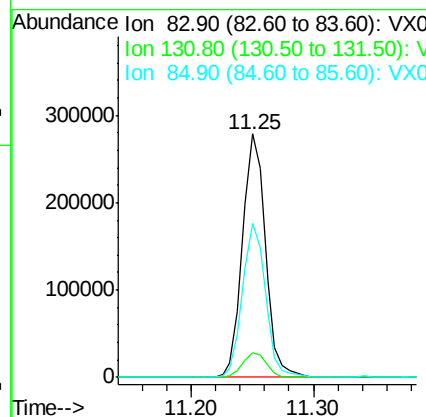
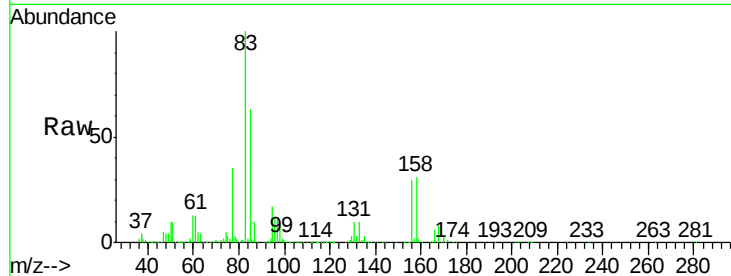
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	360783
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.1	15.4
85	64.0	32.2	96.6

Manual Integrations
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MMDadoda
9/17/2020 11:27:23 AM



#76

1,2,3-Trichloropropane

Concen: 48.016 ug/l m

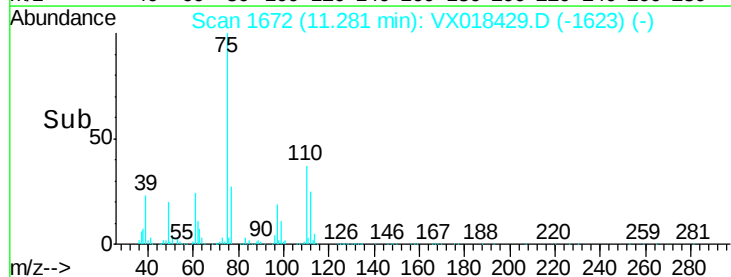
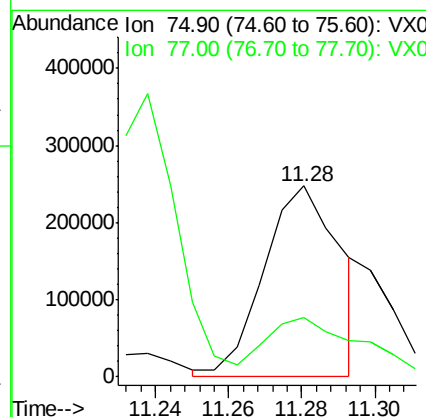
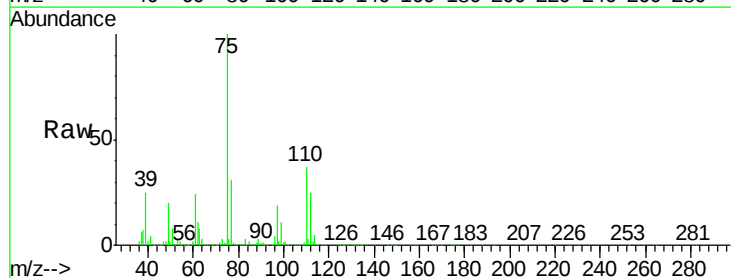
RT: 11.28 min Scan# 1672

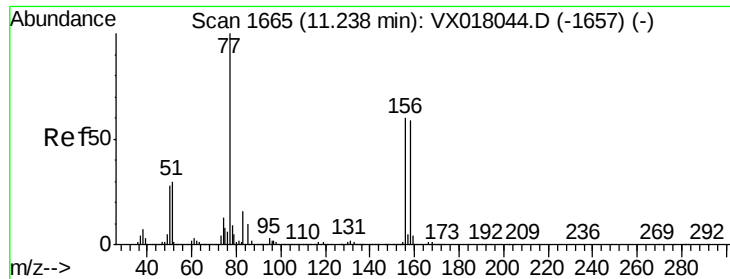
Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Tgt Ion:	75	Resp:	358565
Ion Ratio	Lower	Upper	
75	100		
77	38.4	20.8	62.2





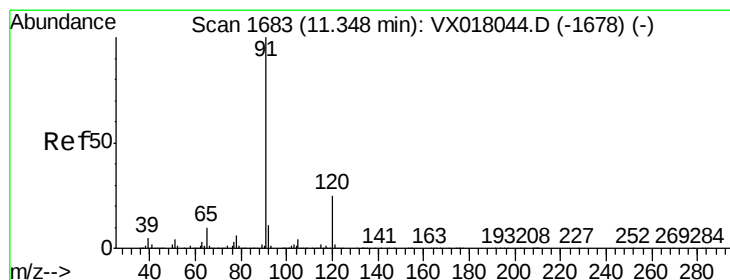
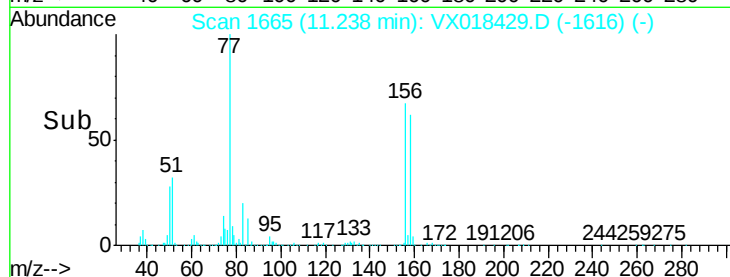
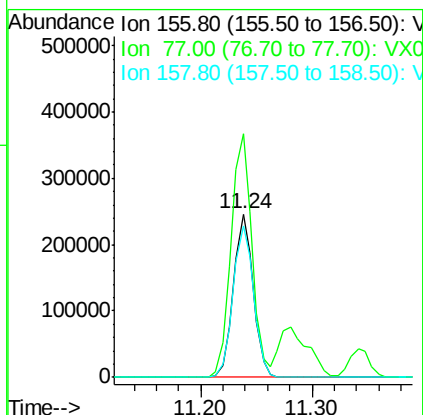
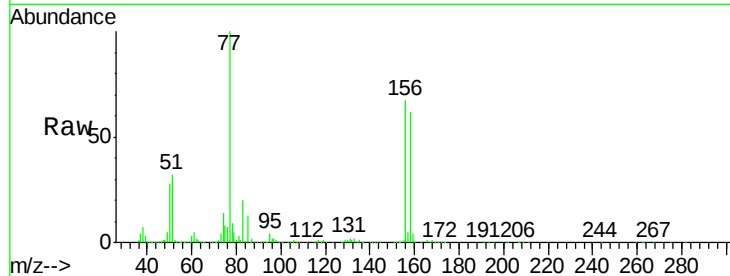
#77
Bromobenzene
Concen: 49.375 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	157.1	80.0	240.2
158	96.5	49.5	148.7

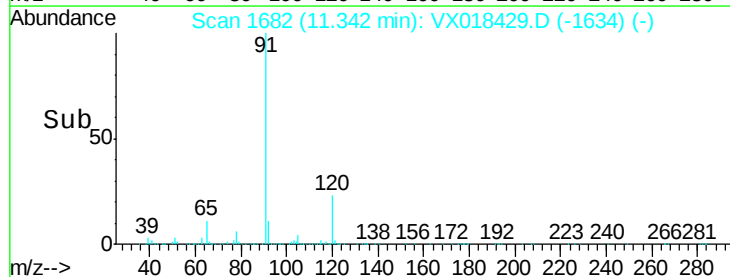
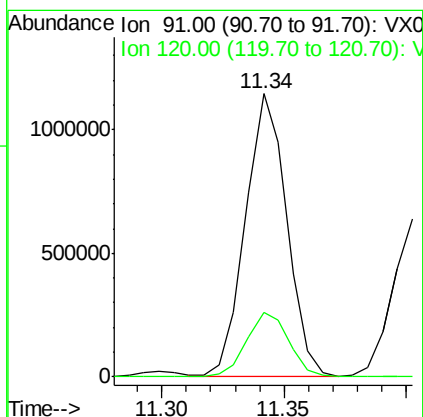
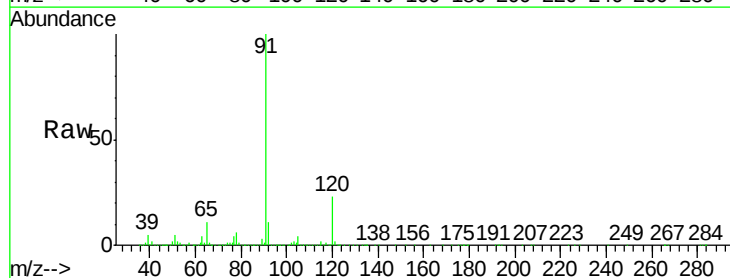
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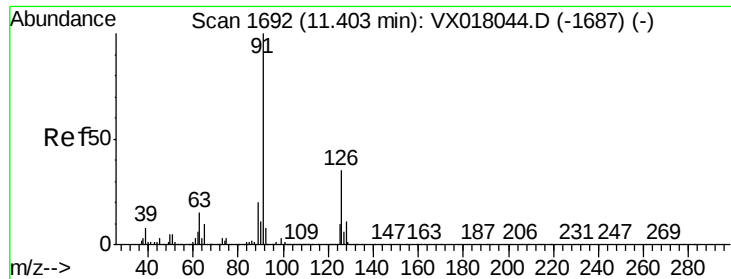
MMDadoda
9/17/2020 11:27:23 AM



#78
n-propylbenzene
Concen: 53.333 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.9	35.9





#79

2-Chlorotoluene

Concen: 51.324 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 797229

Ion Ratio Lower Upper

91 100

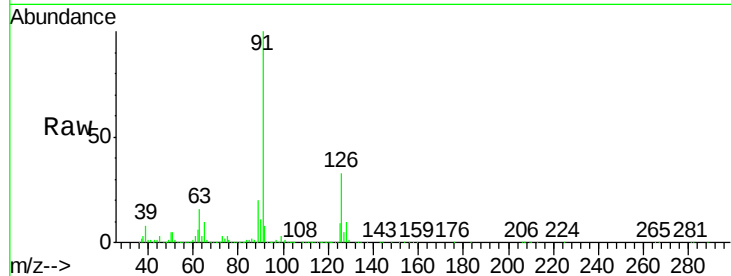
126 34.5 17.4 52.2

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Abundance Ion 91.00 (90.70 to 91.70): VX018044.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX018044.D (-1687) (-)

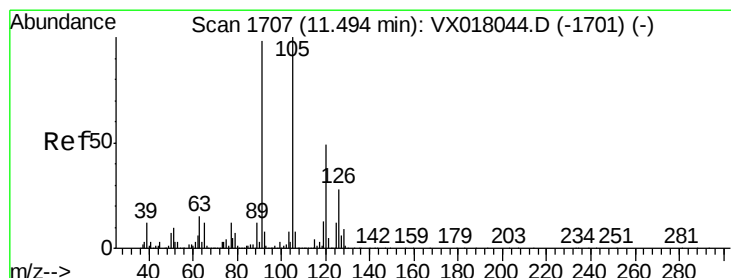
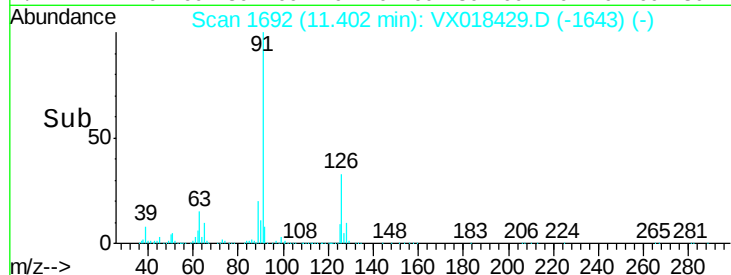
1000000

500000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 54.402 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018429.D

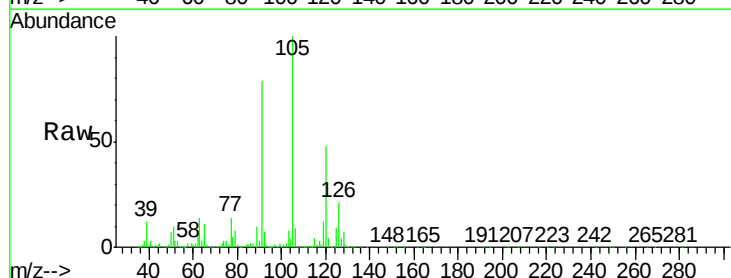
Acq: 16 Sep 2020 10:01

Tgt Ion: 105 Resp: 989897

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX018044.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX018044.D (-1701) (-)

800000

600000

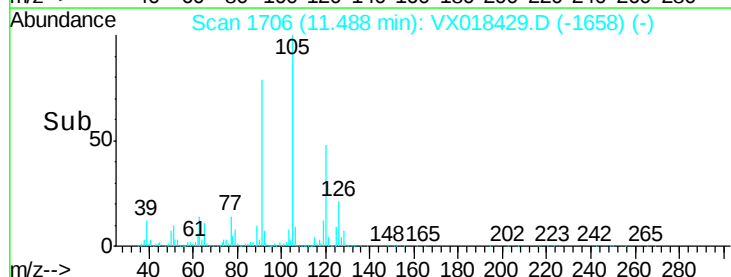
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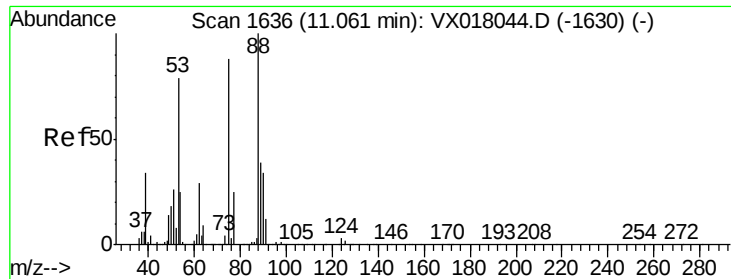
200000

0

11.45 11.50 11.55

Time-->





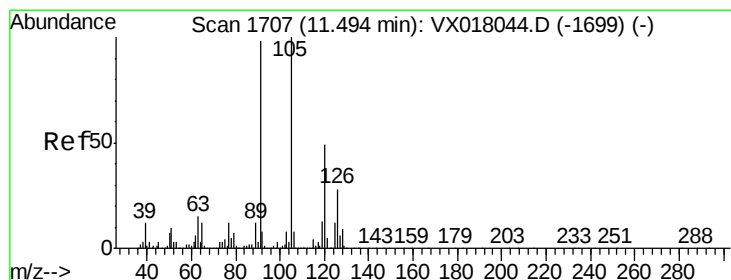
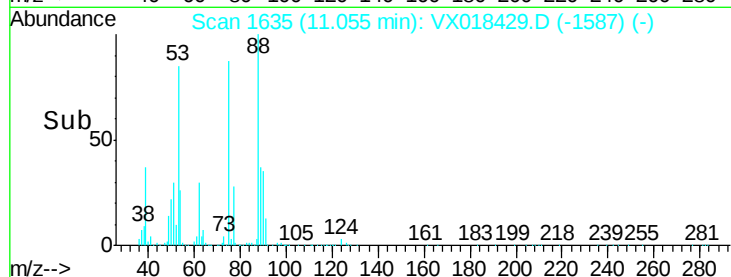
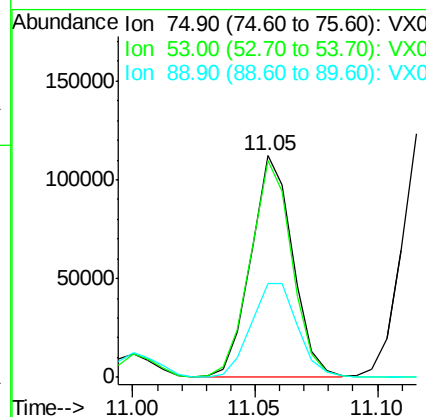
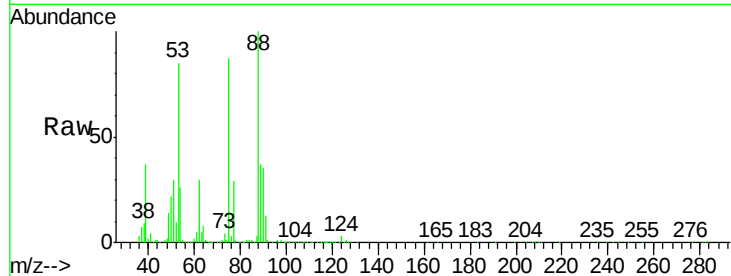
#81
trans-1,4-Dichloro-2-butene
Concen: 48.264 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.9	74.7	112.1
89	48.1	36.6	54.8

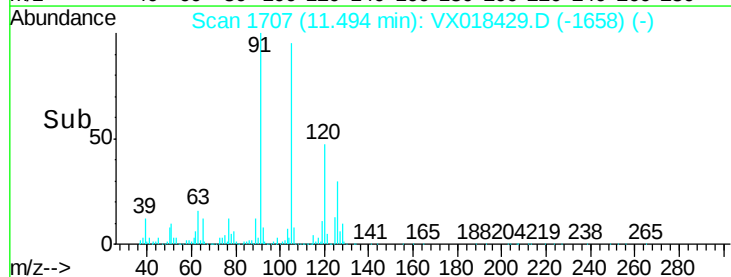
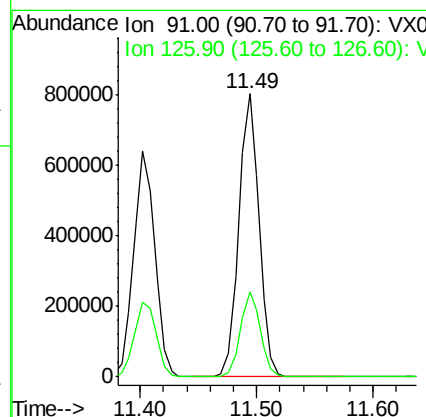
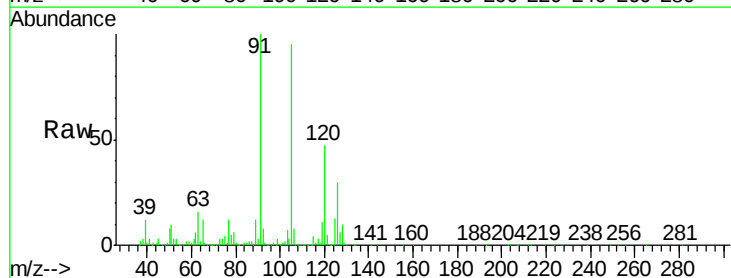
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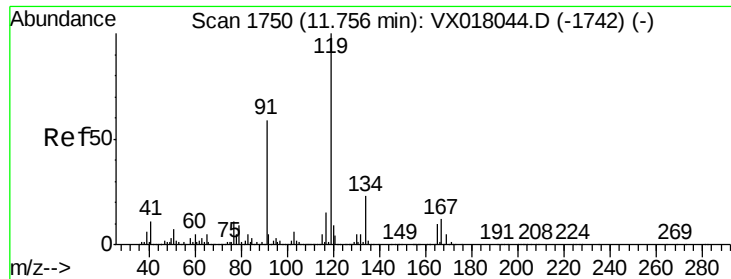
MMDadoda
9/17/2020 11:27:23 AM



#82
4-Chlorotoluene
Concen: 52.713 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.7	15.1	45.3





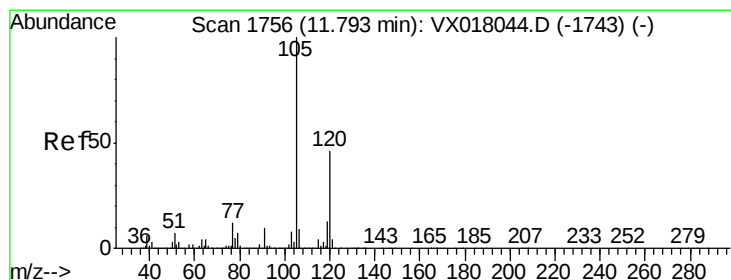
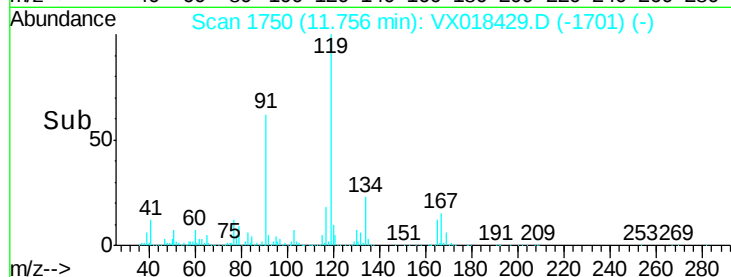
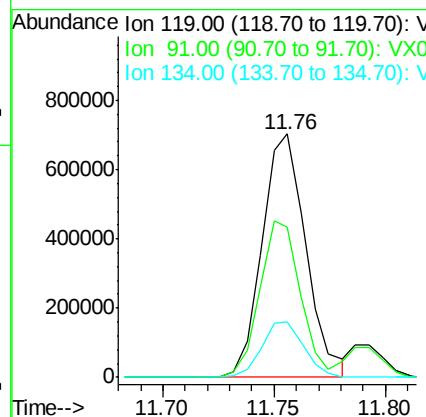
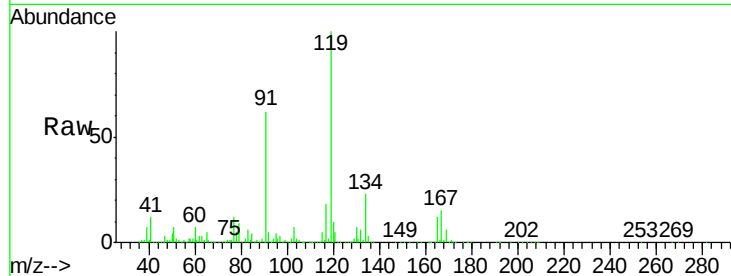
#83
tert-Butylbenzene
Concen: 53.499 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	960681		
91	59.7	28.2	84.7	
134	21.9	11.3	33.8	

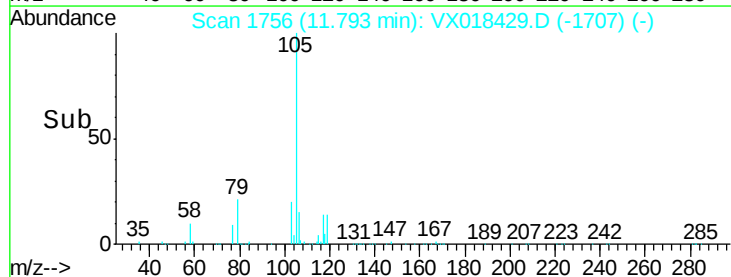
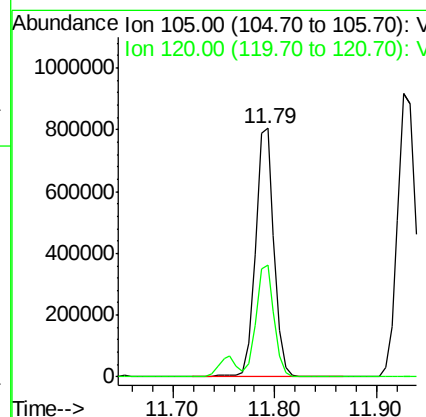
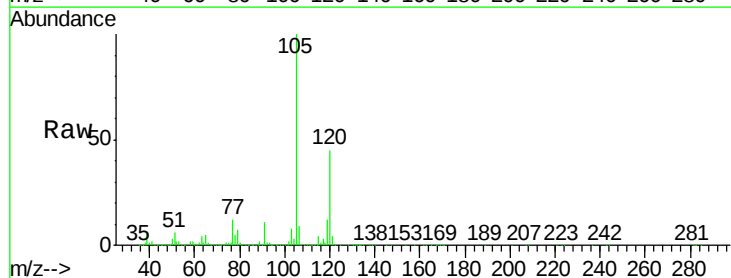
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#84
1,2,4-Trimethylbenzene
Concen: 54.663 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1016903		
120	44.0	22.3	66.9	





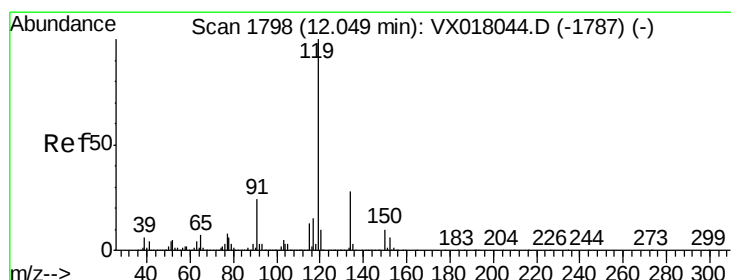
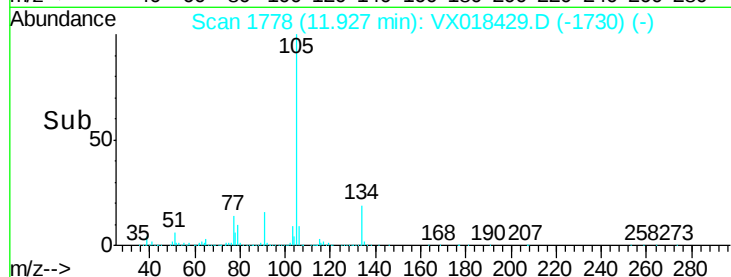
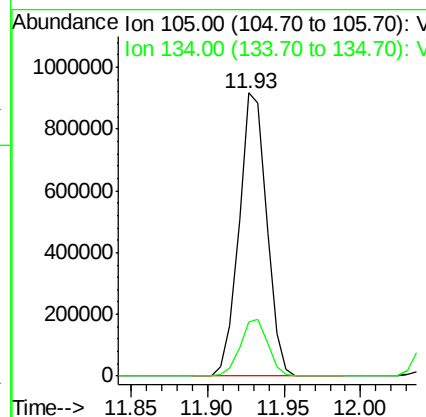
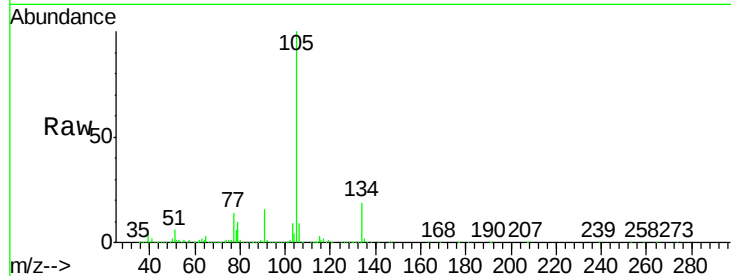
#85
 sec-Butylbenzene
 Concen: 56.044 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 1144453
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3

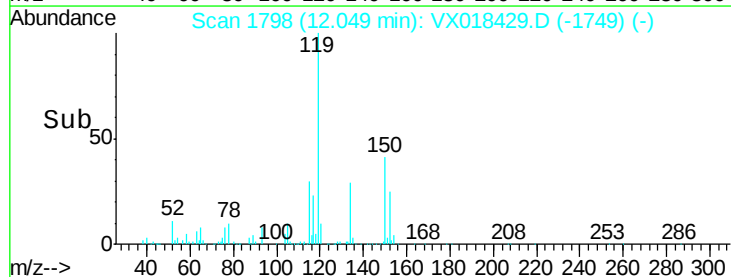
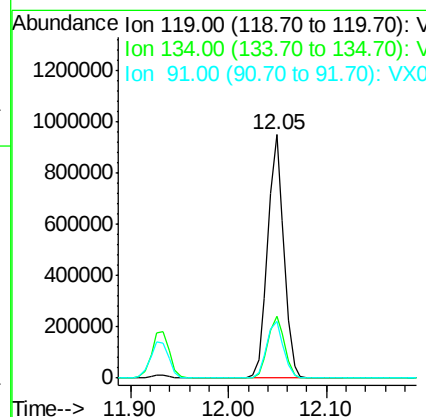
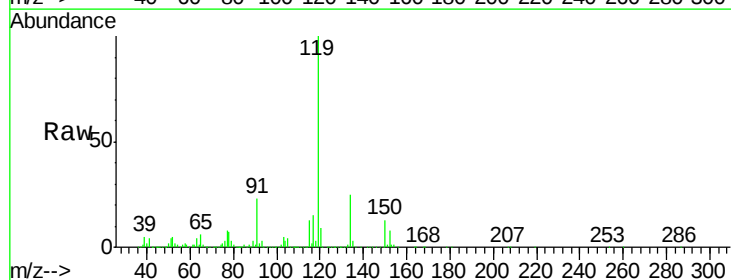
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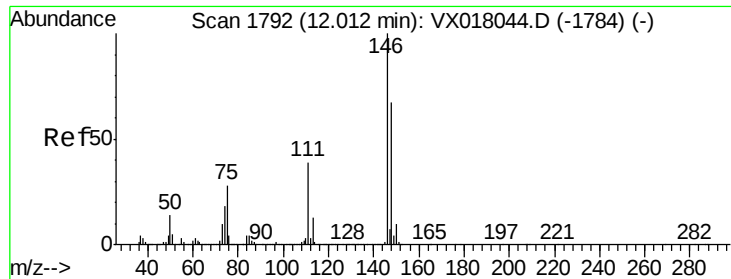
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#86
 p-Isopropyltoluene
 Concen: 58.075 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

Tgt Ion:119 Resp: 1089341
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 24.1 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 50.864 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Instrument :

MSVOA_X

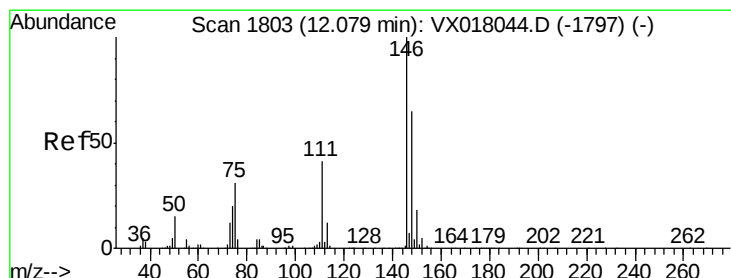
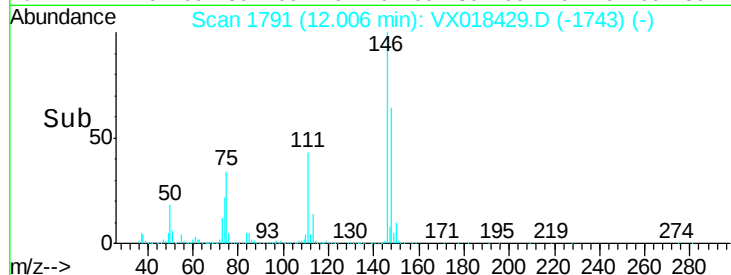
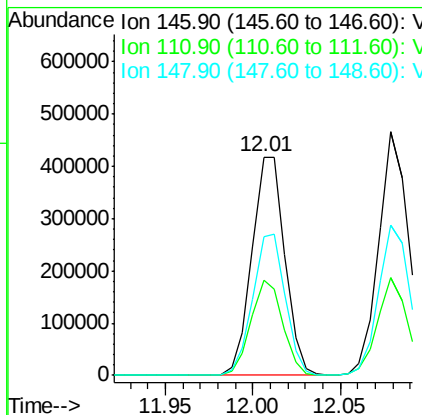
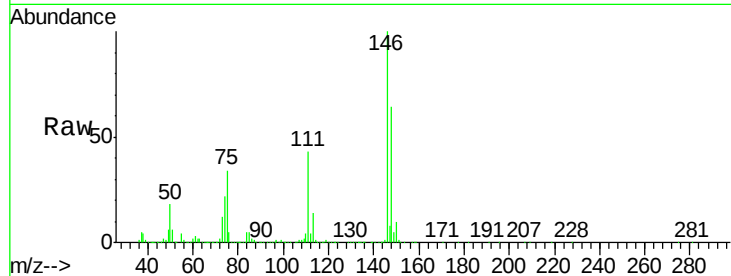
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	546591
Ion Ratio	Lower	Upper	
146	100		
111	42.2	20.6	61.8
148	64.3	33.1	99.2

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#88

1,4-Dichlorobenzene

Concen: 51.423 ug/l

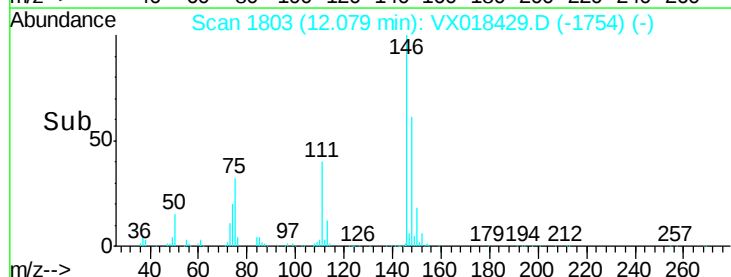
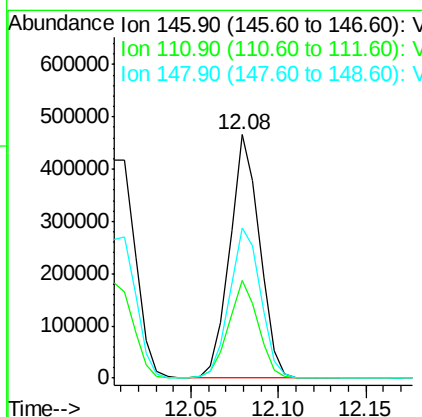
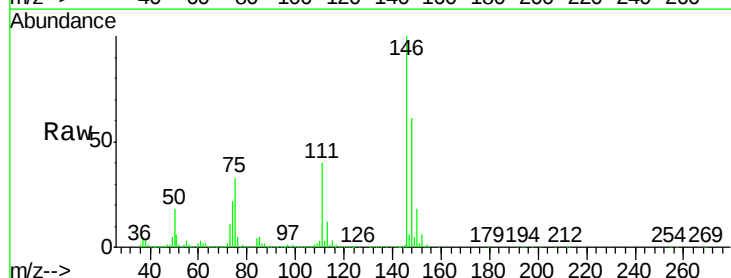
RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018429.D

Acq: 16 Sep 2020 10:01

Tgt Ion:	146	Resp:	553296
Ion Ratio	Lower	Upper	
146	100		
111	39.9	20.3	60.8
148	64.2	33.1	99.2





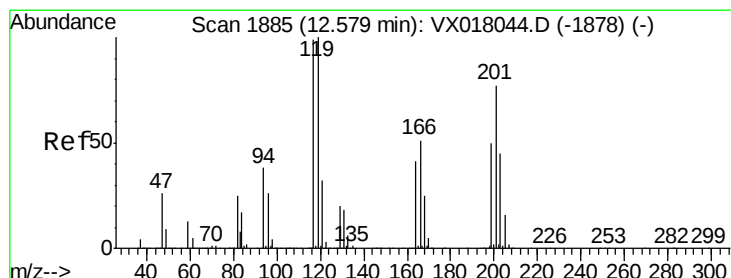
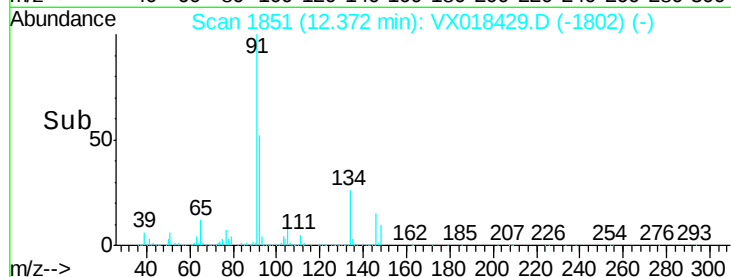
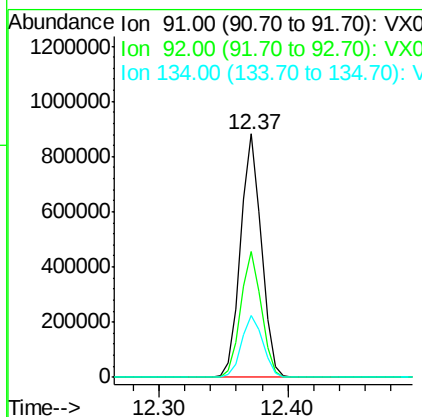
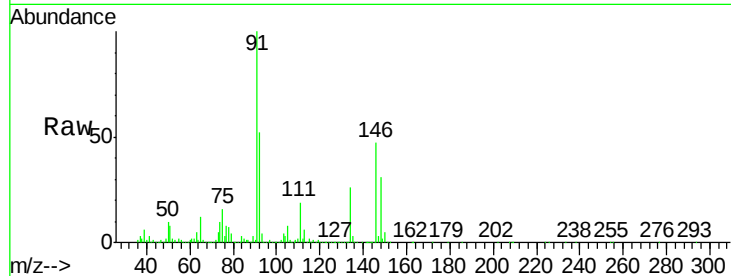
#89
n-Butylbenzene
Concen: 57.486 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.4	79.2
134	26.2	12.9	38.7

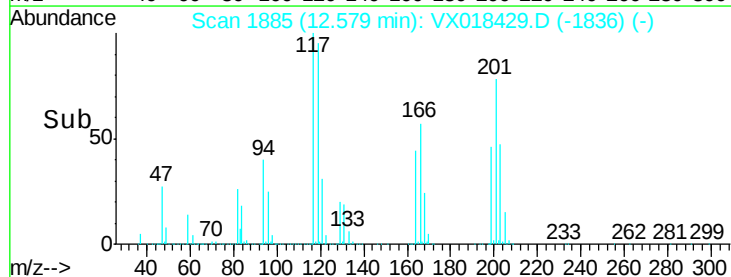
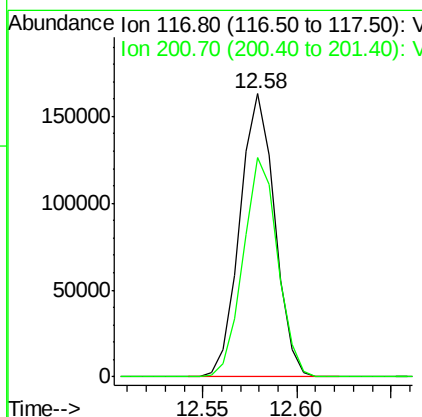
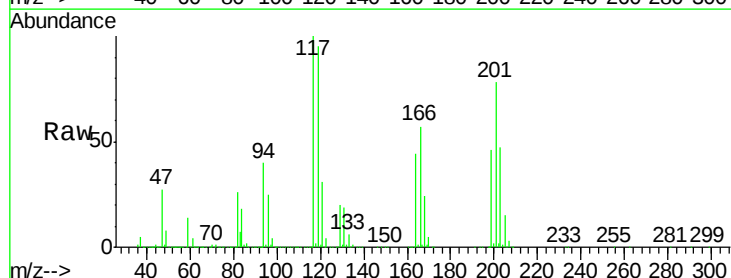
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#90
Hexachloroethane
Concen: 56.712 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.9	38.5	115.3





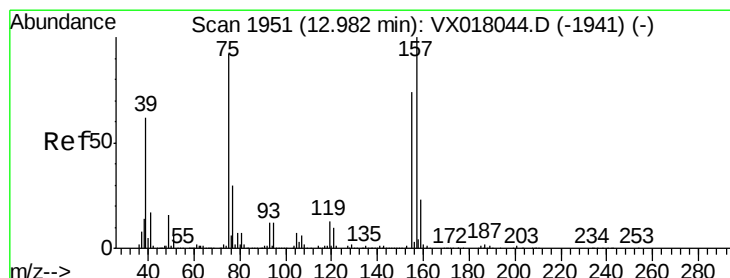
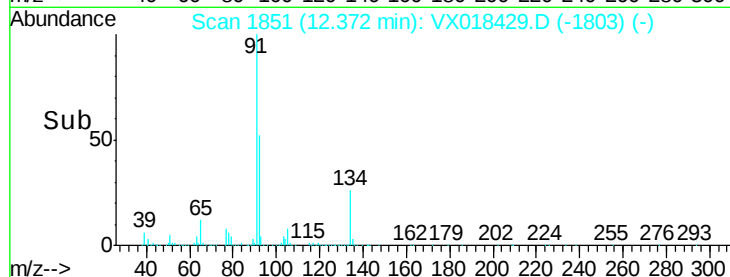
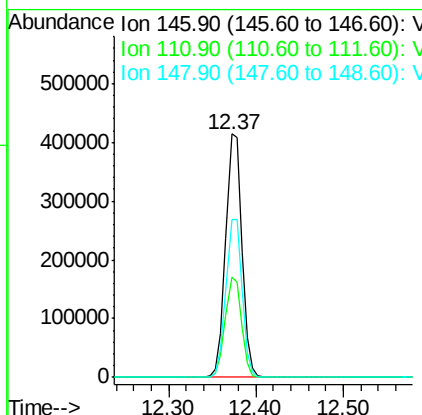
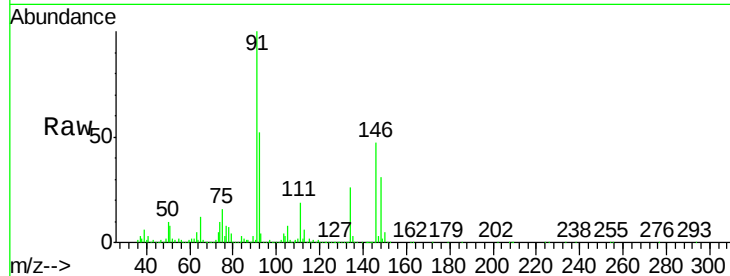
#91
 1,2-Dichlorobenzene
 Concen: 52.481 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.8	62.5
148	64.9	31.6	95.0

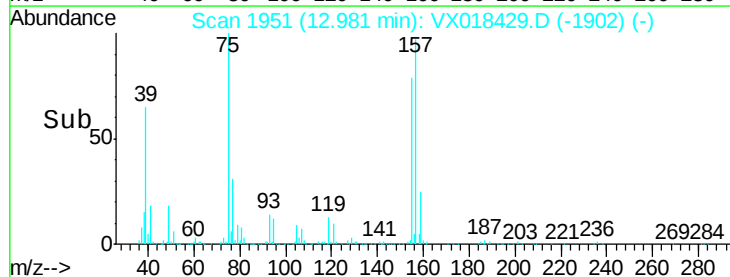
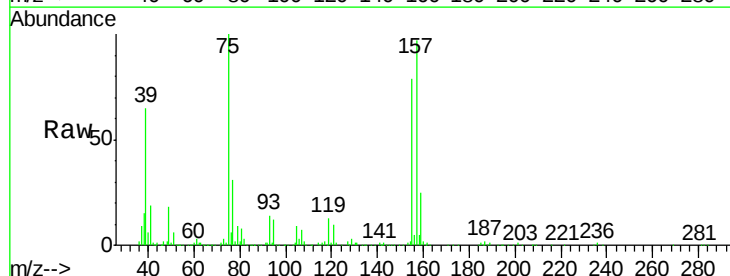
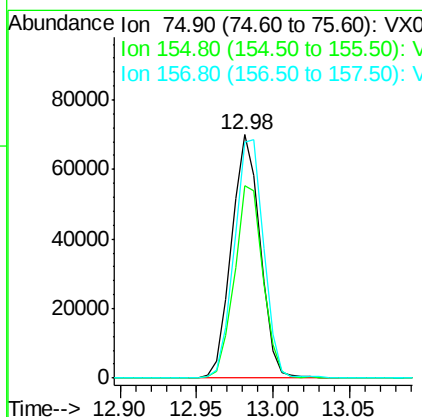
Manual Integrations
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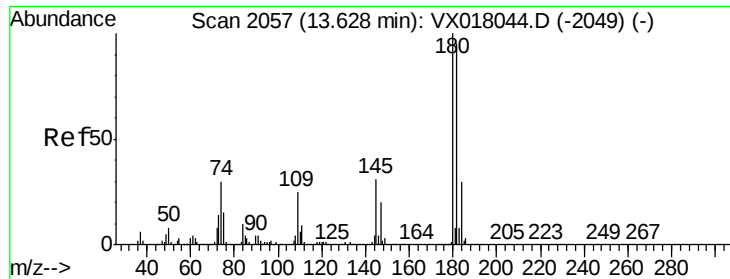
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.412 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.6	40.2	120.6
157	100.6	55.0	165.2





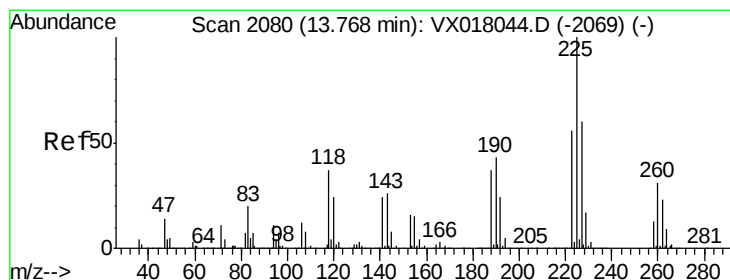
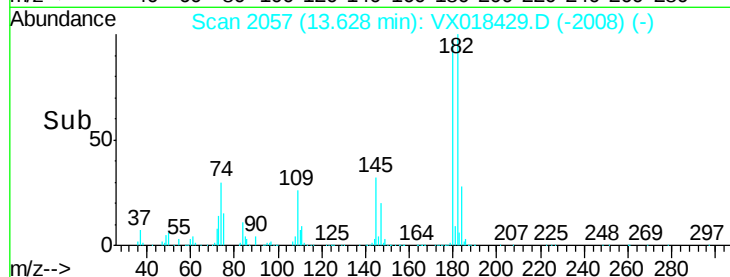
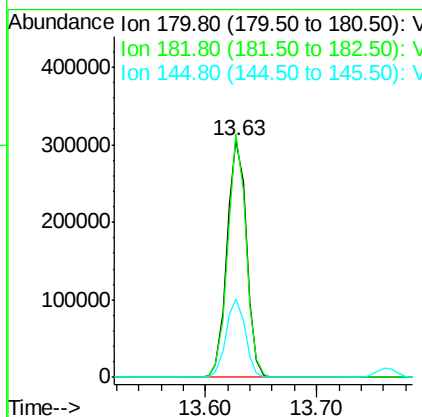
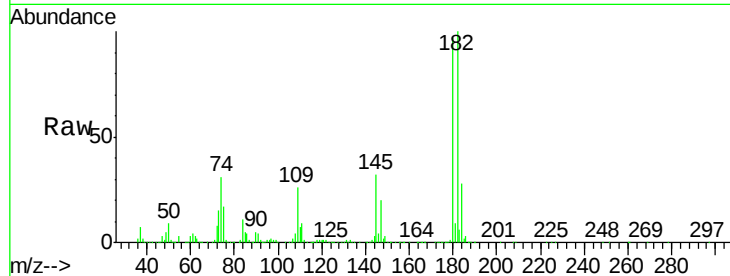
#93
 1,2,4-Trichlorobenzene
 Concen: 54.518 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	367747		
182	96.7	47.5	142.6	
145	33.1	15.7	47.1	

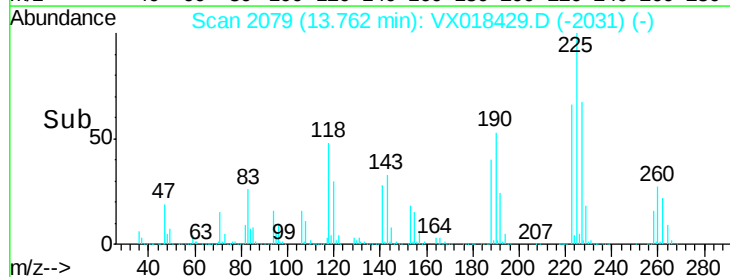
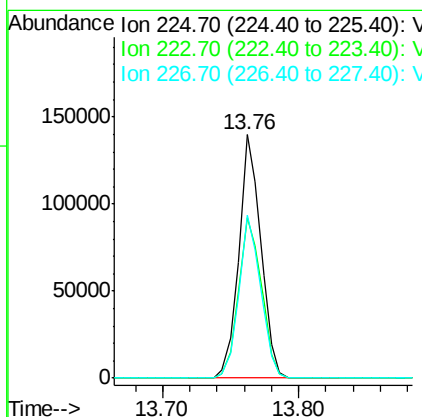
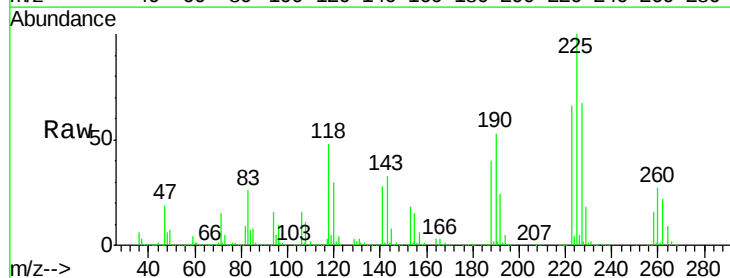
Manual Integrations
 APPROVED

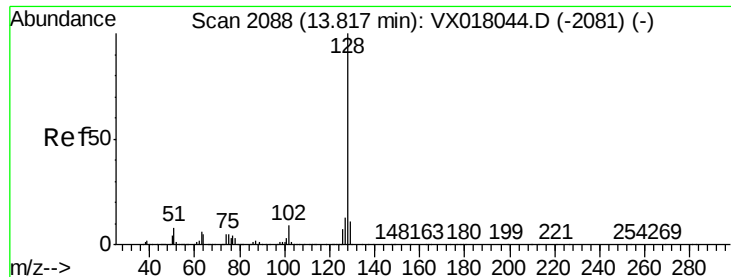
MMDadoda
 9/17/2020 11:27:23 AM



#94
 Hexachlorobutadiene
 Concen: 59.082 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018429.D
 Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	157193		
223	68.8	30.7	92.1	
227	66.3	32.6	97.8	





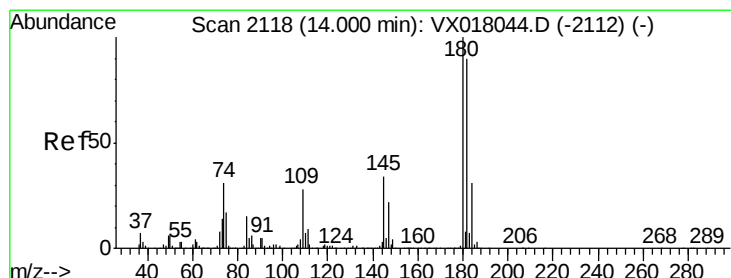
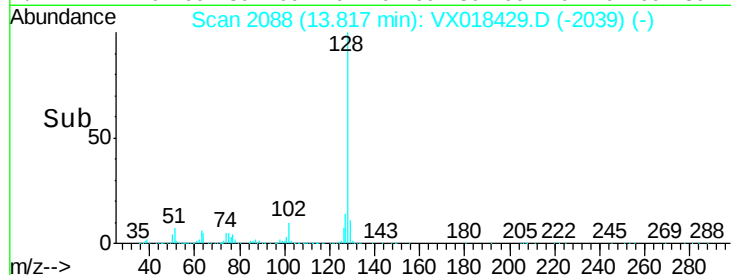
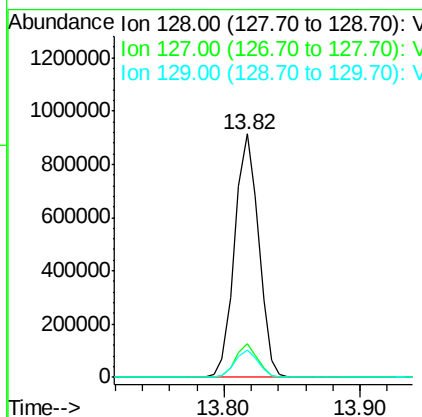
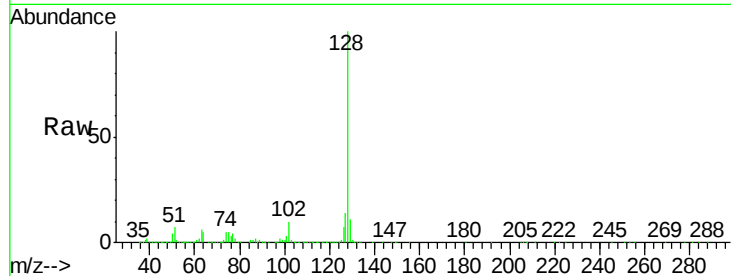
#95
Naphthalene
Concen: 50.474 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
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#96
1,2,3-Trichlorobenzene
Concen: 53.057 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018429.D
Acq: 16 Sep 2020 10:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.3	142.0
145	34.3	17.5	52.6

