

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040620\
 Data File : VY002239.D
 Acq On : 06 Apr 2020 16:01
 Operator : SY/MD
 Sample : L2169-02
 Misc : 5.02G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 96ST-2

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.389	101	107	119	rBV	88419	157377	1.59%	0.814%
2	3.395	262	272	288	rBV	89832	317167	3.20%	1.641%
3	5.602	620	634	650	rBV	88713	294175	2.96%	1.522%
4	6.712	803	816	844	rBV	1428945	4216339	42.48%	21.816%
5	7.730	974	983	988	rBV2	82707	193142	1.95%	0.999%
6	7.797	988	994	1008	rVB	139532	324951	3.27%	1.681%
7	8.150	1038	1052	1062	rBV2	105596	288971	2.91%	1.495%
8	8.693	1134	1141	1151	rVB	235863	472386	4.76%	2.444%
9	8.900	1164	1175	1198	rBV	4790070	9926290	100.00%	51.361%
10	10.180	1377	1385	1394	rVB	379639	670348	6.75%	3.469%
11	11.491	1593	1600	1610	rVB	355293	563797	5.68%	2.917%
12	12.485	1756	1763	1770	rBV	260528	397977	4.01%	2.059%
13	13.430	1911	1918	1925	rBV	349724	539203	5.43%	2.790%
14	14.186	2033	2042	2051	rVB3	87377	216548	2.18%	1.120%
15	14.454	2079	2086	2096	rVB4	193945	543889	5.48%	2.814%
16	14.552	2096	2102	2111	rVB	134980	203998	2.06%	1.056%

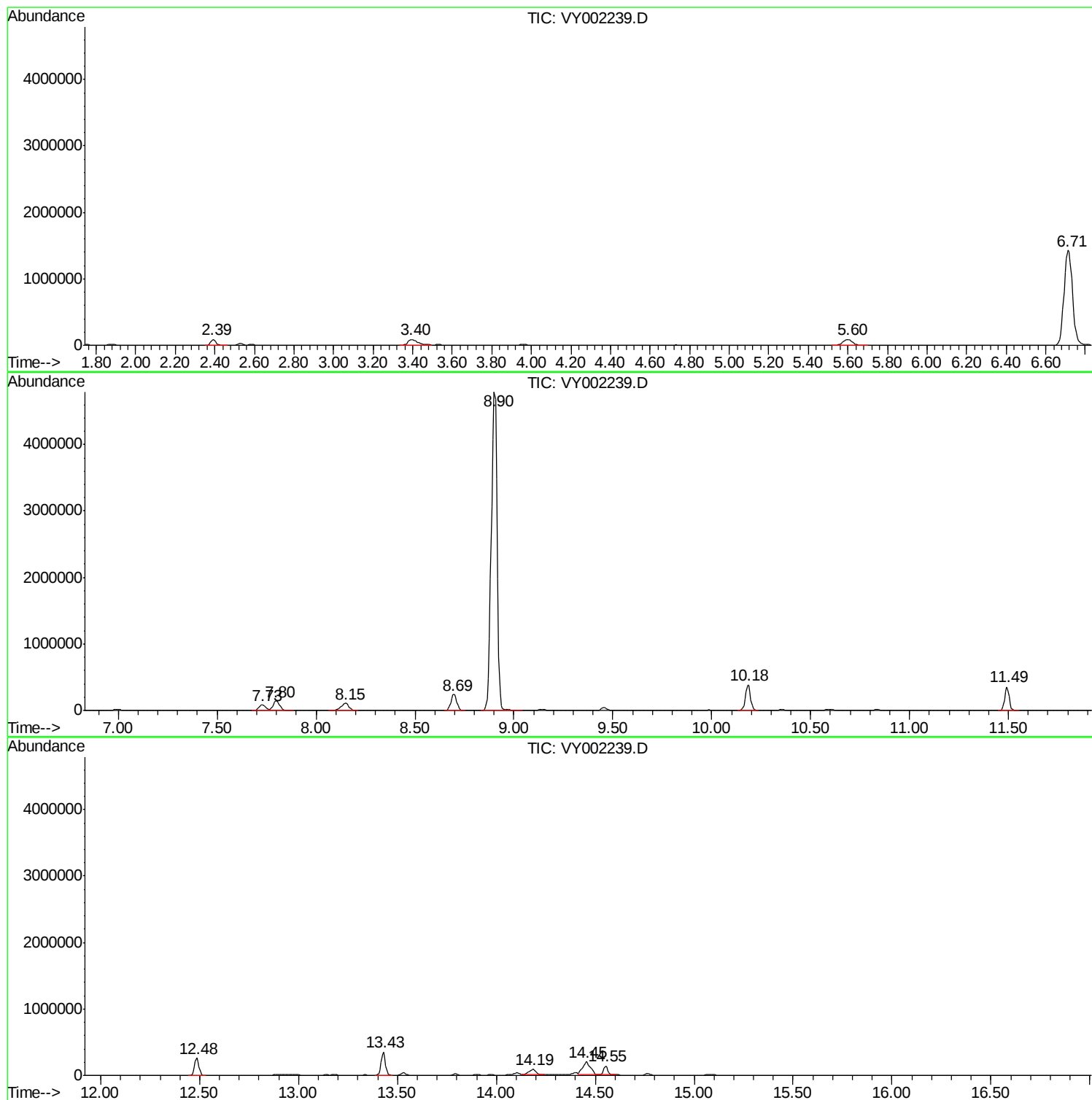
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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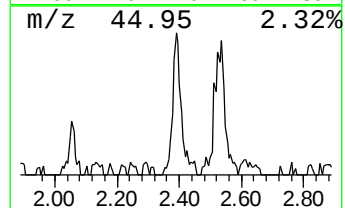
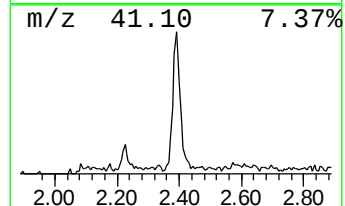
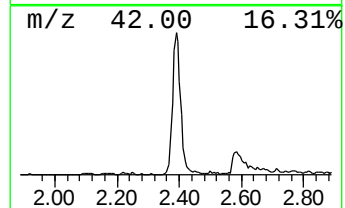
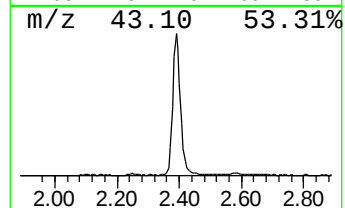
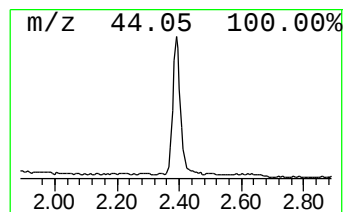
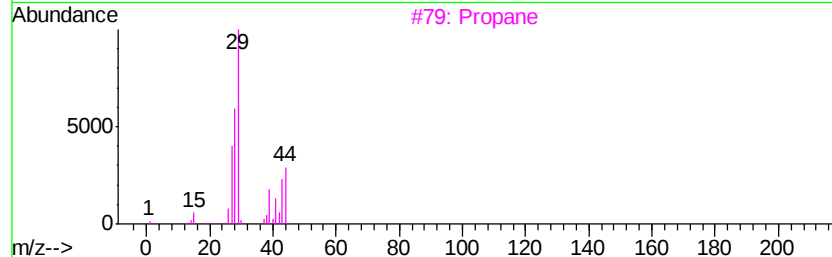
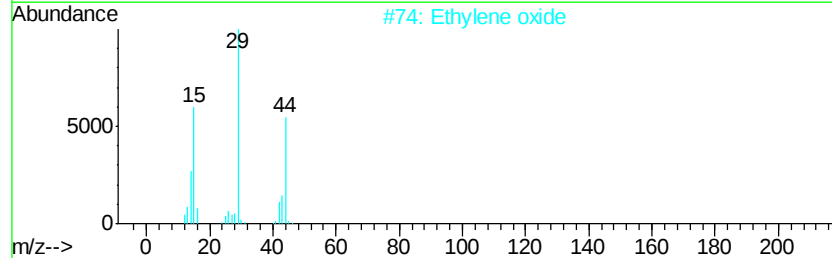
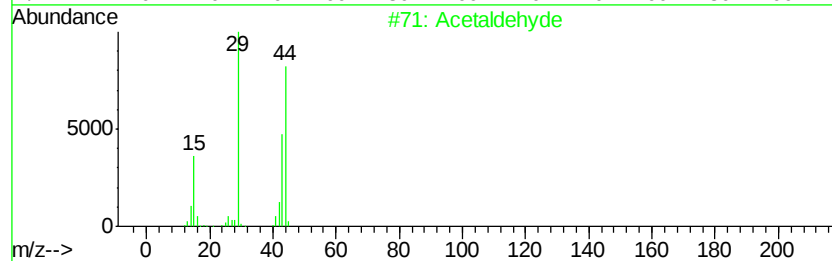
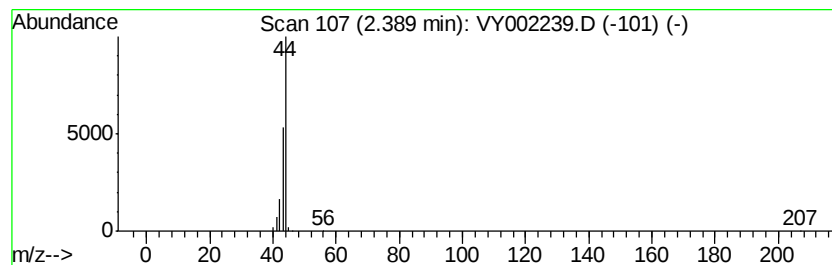
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Acetaldehyde Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.39	24.22 ug/l	157377	Pentafluorobenzene	7.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyd		44	C2H4O	000075-07-0	74
2	Ethylene oxide		44	C2H4O	000075-21-8	5
3	Propane		44	C3H8	000074-98-6	4
4	Ethyne, fluoro-		44	C2HF	002713-09-9	3
5	Carbon dioxide		44	CO2	000124-38-9	3



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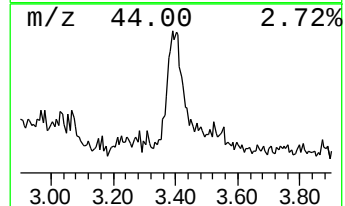
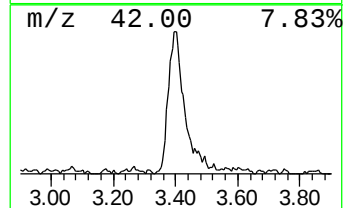
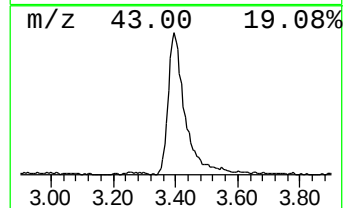
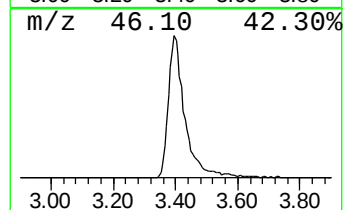
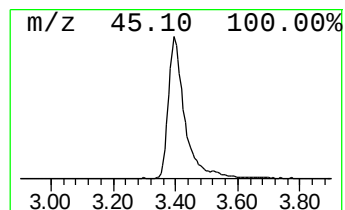
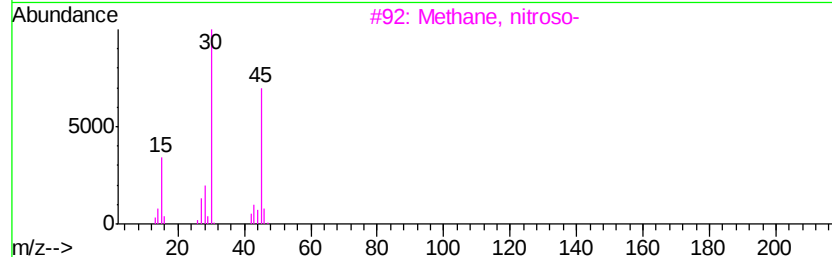
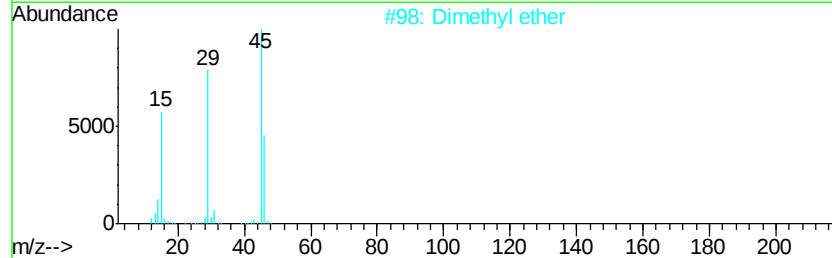
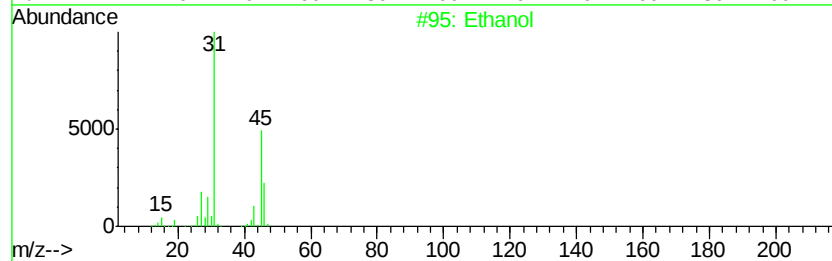
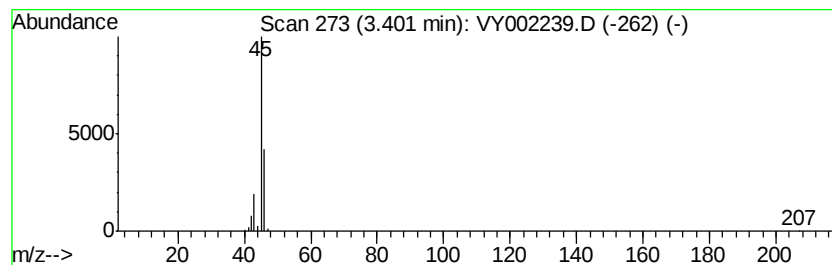
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Peak Number 2 Ethanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.40	48.80 ug/l	317167	Pentafluorobenzene	7.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol		46	C2H6O	000064-17-5	83
2	Dimethyl ether		46	C2H6O	000115-10-6	9
3	Methane, nitroso-		45	CH3NO	000865-40-7	4
4	Oxalic acid		90	C2H2O4	000144-62-7	4
5	Formic acid		46	CH2O2	000064-18-6	4



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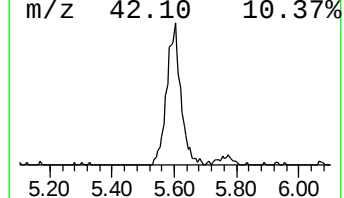
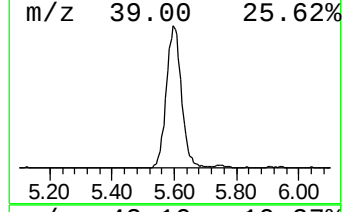
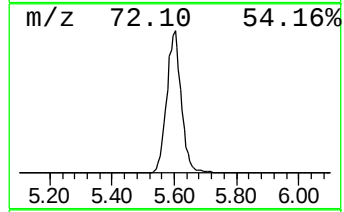
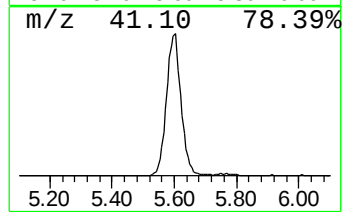
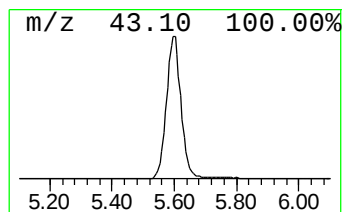
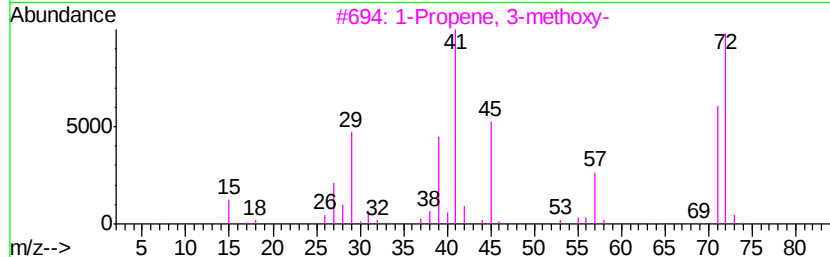
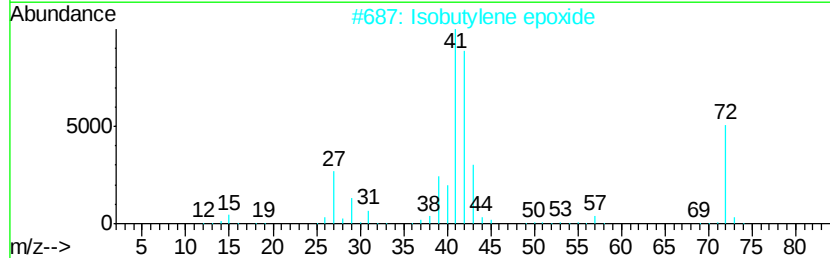
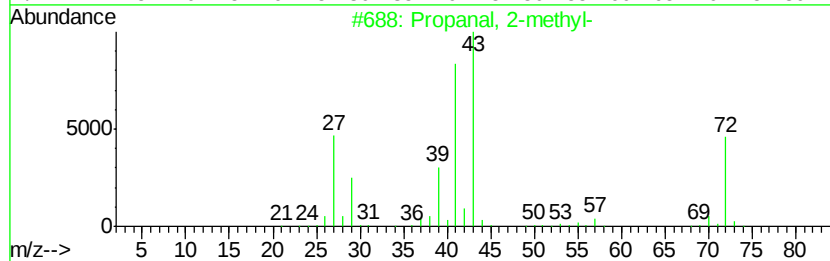
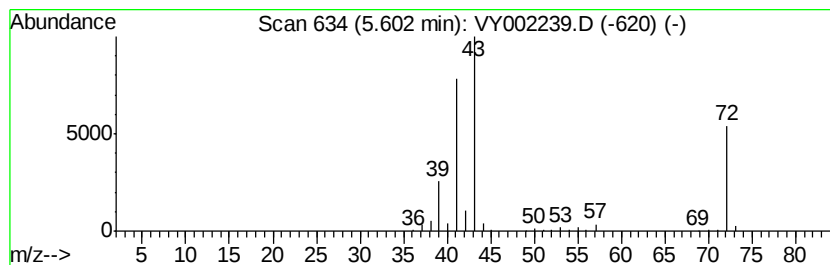
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Peak Number 3 Propanal, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	45.26 ug/l	294175	Pentafluorobenzene	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanal, 2-methyl-	72	C4H8O	000078-84-2	91
2		Isobutylene epoxide	72	C4H8O	000558-30-5	64
3		1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	53
4		Propane, 2-nitro-	89	C3H7NO2	000079-46-9	43
5		Propane, 1-nitro-	89	C3H7NO2	000108-03-2	37



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Instrument :
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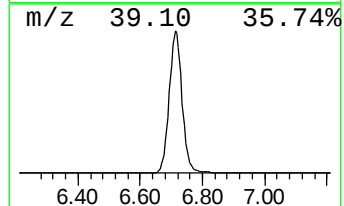
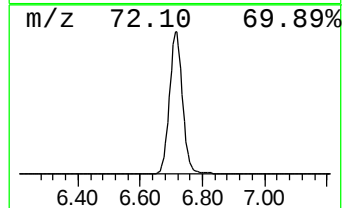
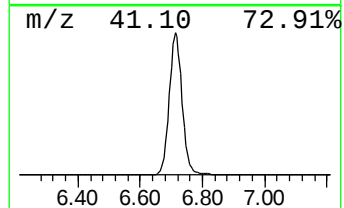
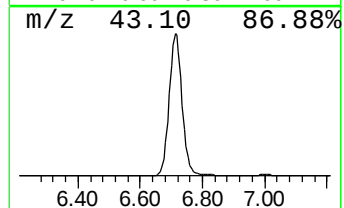
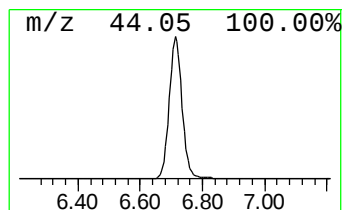
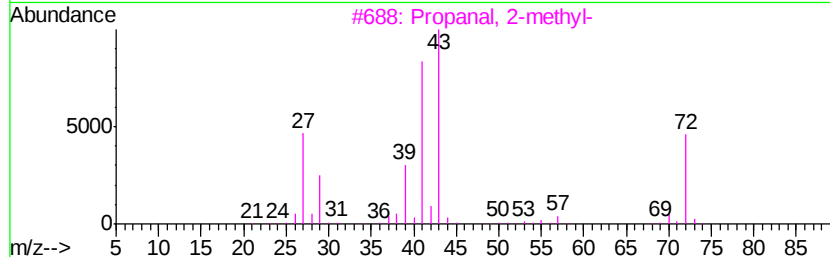
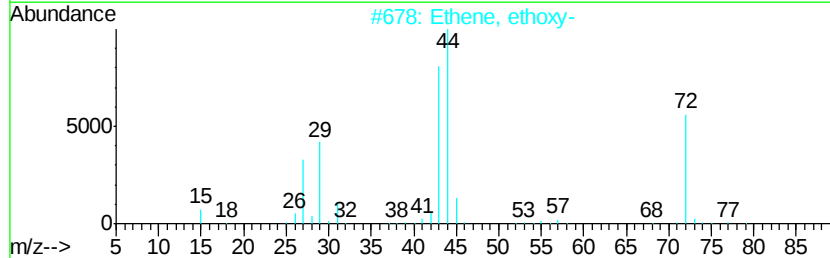
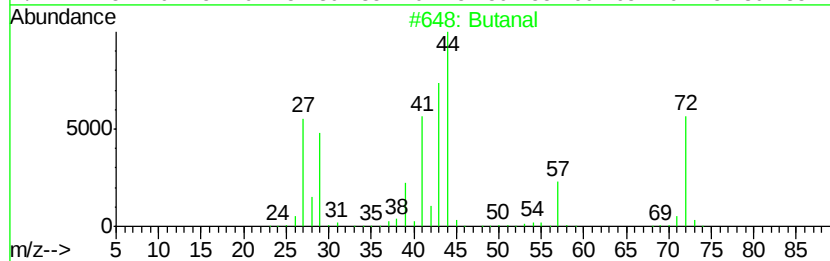
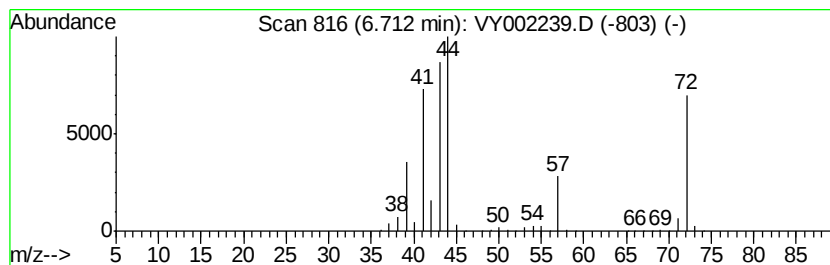
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Butanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	648.77 ug/l	4216340	Pentafluorobenzene	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanal	72	C4H8O	000123-72-8	91
2		Ethene, ethoxy-	72	C4H8O	000109-92-2	80
3		Propanal, 2-methyl-	72	C4H8O	000078-84-2	38
4		Isobutylene epoxide	72	C4H8O	000558-30-5	35
5		Cyclopropyl carbinol	72	C4H8O	002516-33-8	28



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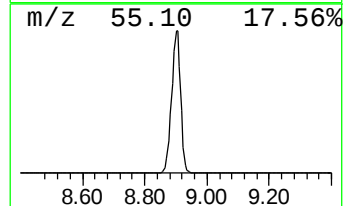
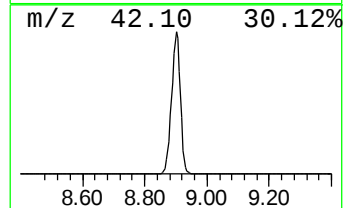
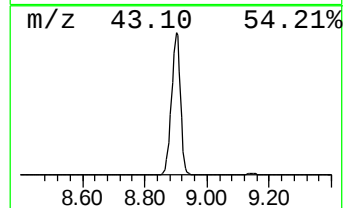
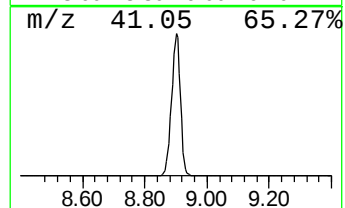
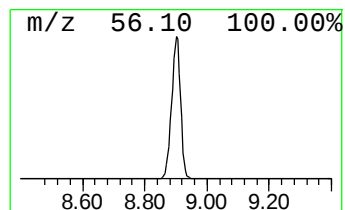
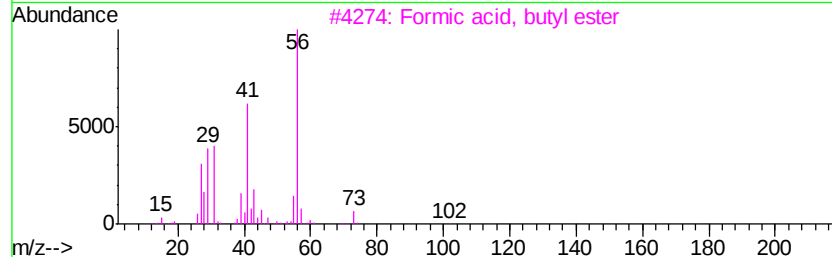
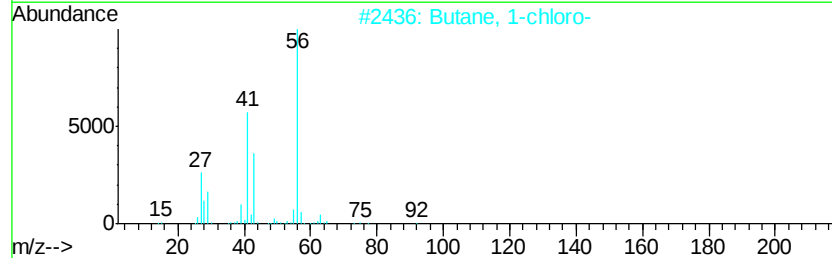
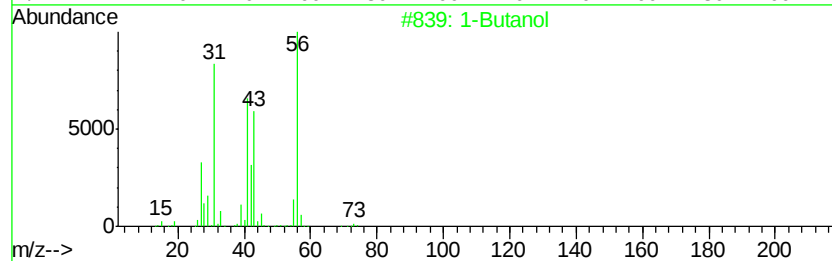
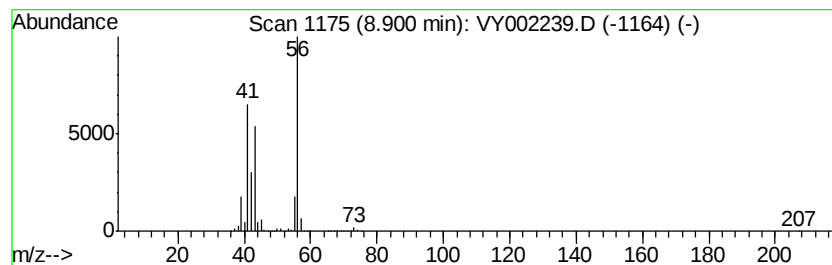
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TIC Library : C:\DATABASE\NIST11.L
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 Peak Number 5 1-Butanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	1050.65 ug/l	9926290	1,4-Difluorobenzene	8.70
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Butanol	74	C4H10O	000071-36-3 91
2	Butane, 1-chloro-	92	C4H9Cl	000109-69-3 45
3	Formic acid, butyl ester	102	C5H10O2	000592-84-7 9
4	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8 9
5	Oxetane, 2,3,4-trimethyl-, (2.al...	100	C6H12O	032347-12-9 9



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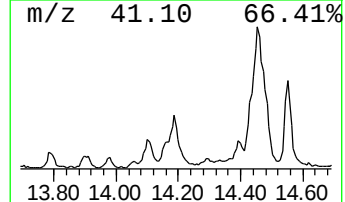
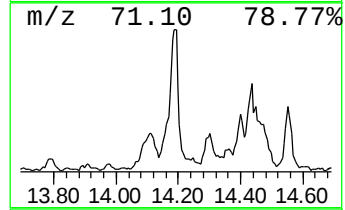
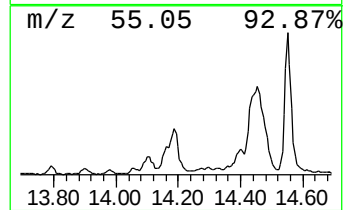
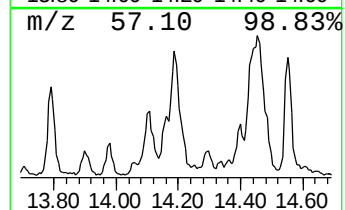
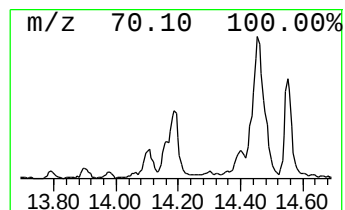
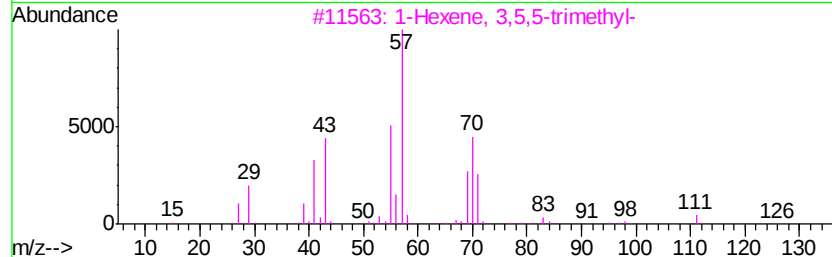
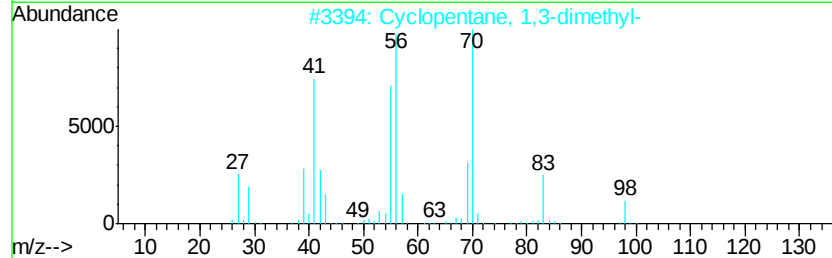
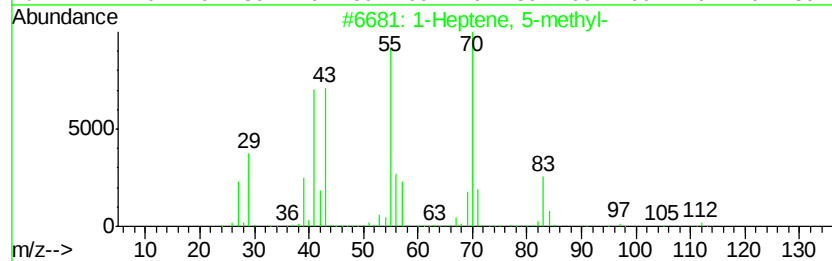
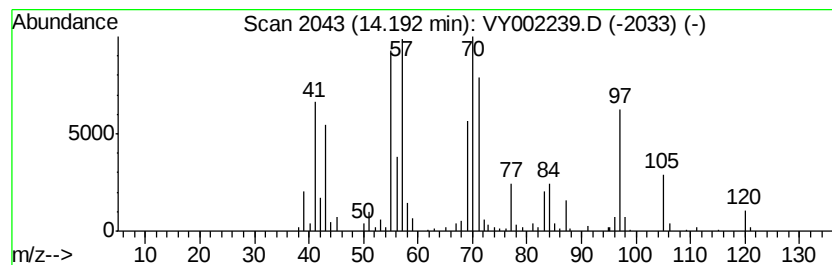
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TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown14.19 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	20.08 ug/l	216548	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptene, 5-methyl-	112	C8H16	013151-04-7	43
2		Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	35
3		1-Hexene, 3,5,5-trimethyl-	126	C9H18	004316-65-8	35
4		Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	25
5		Ether, butyl isopentyl	144	C9H20O	017071-52-2	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040620\
Data File : VY002239.D
Acq On : 06 Apr 2020 16:01
Operator : SY/MD
Sample : L2169-02
Misc : 5.02G/5ML/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
96ST-2

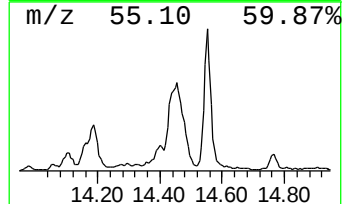
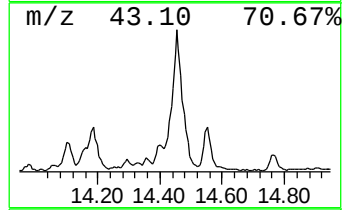
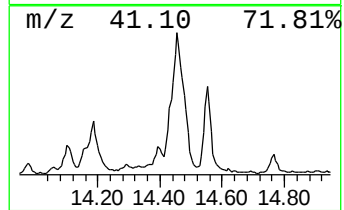
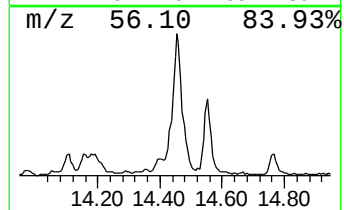
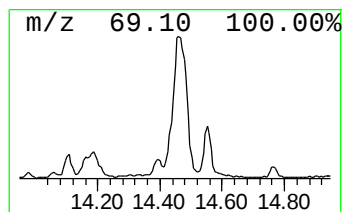
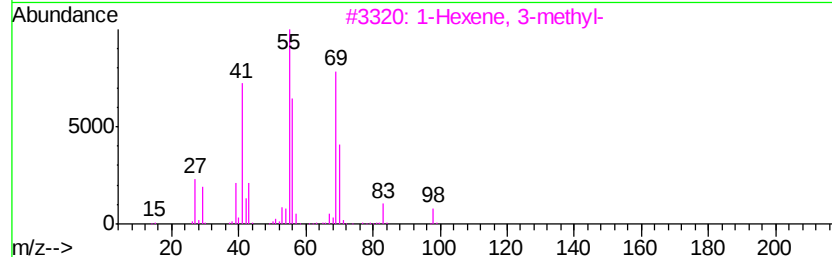
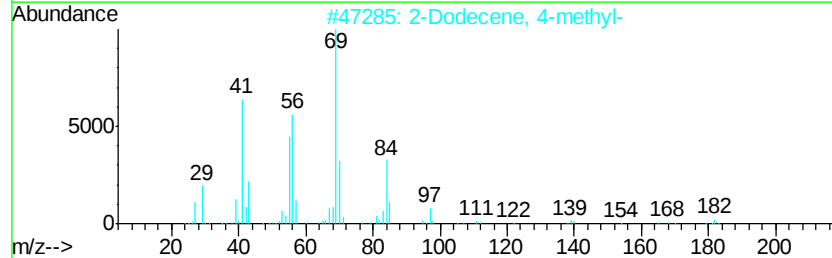
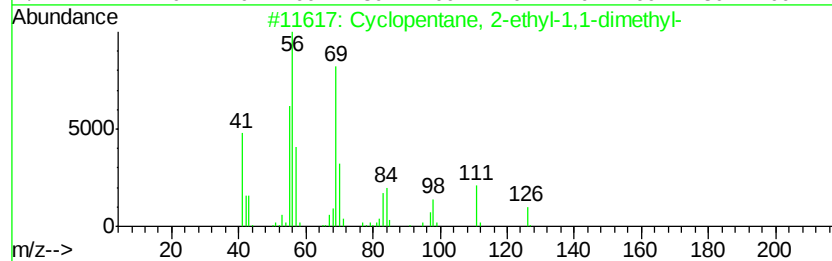
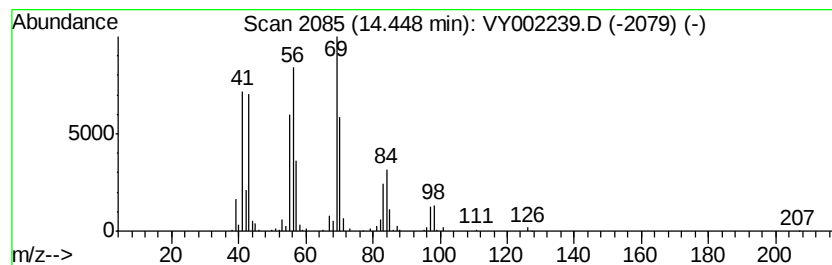
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Cyclopentane, 2-ethyl-1,1-d... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	50.43 ug/l	543889	1,4-Dichlorobenzene-d4	13.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	72
2		2-Dodecene, 4-methyl-	182	C13H26	056851-45-7	64
3		1-Hexene, 3-methyl-	98	C7H14	003404-61-3	64
4		2-Undecene, 4-methyl-	168	C12H24	091695-32-8	64
5		1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040620\
Data File : VY002239.D
Acq On : 06 Apr 2020 16:01
Operator : SY/MD
Sample : L2169-02
Misc : 5.02G/5ML/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
96ST-2

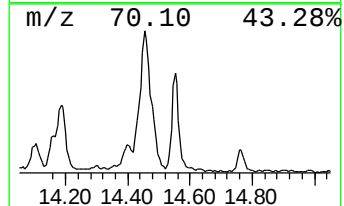
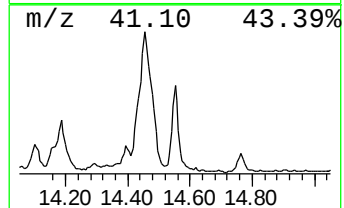
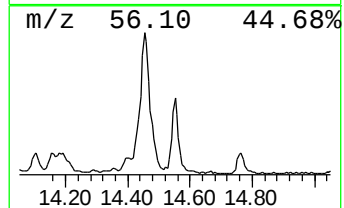
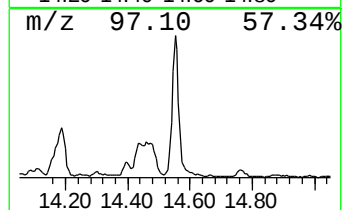
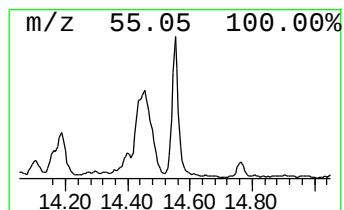
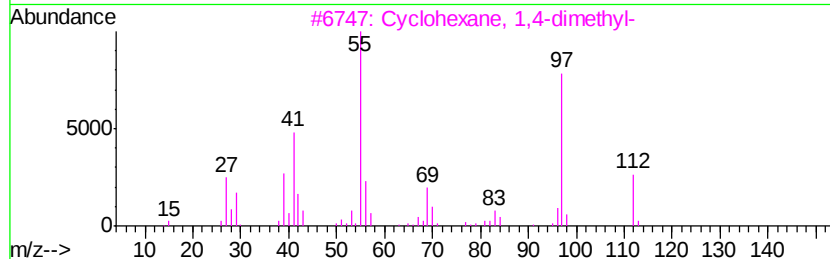
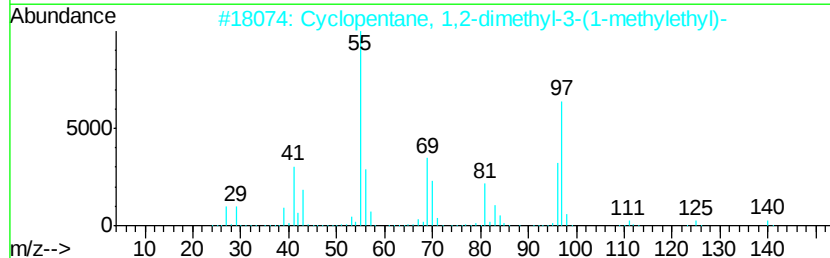
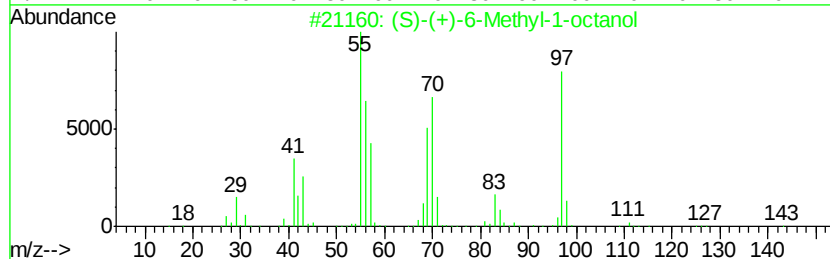
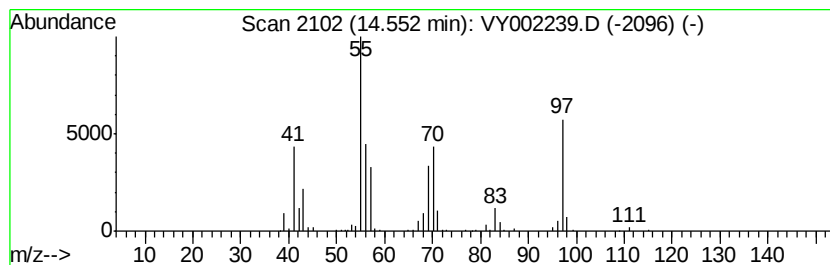
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (S)-(+)-6-Methyl-1-octanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	18.92 ug/l	203998	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(S)-(+)-6-Methyl-1-octanol	144	C9H20O	110453-78-6	91
2		Cyclopentane, 1,2-dimethyl-3-(1-...	140	C10H20	000489-20-3	50
3		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	47
4		1-Heptene, 3-methyl-	112	C8H16	004810-09-7	47
5		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	47



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY040620\
Data File : VY002239.D
Acq On : 06 Apr 2020 16:01
Operator : SY/MD
Sample : L2169-02
Misc : 5.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
96ST-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acetaldehyde	2.39	24.2	ug/l	157377	1	7.80	324951	50.0
Ethanol	3.40	48.8	ug/l	317167	1	7.80	324951	50.0
Propanal, 2-methyl-	5.60	45.3	ug/l	294175	1	7.80	324951	50.0
Butanal	6.71	648.8	ug/l	4216340	1	7.80	324951	50.0
1-Butanol	8.90	1050.7	ug/l	9926290	2	8.70	472386	50.0
unknown14.19	14.19	20.1	ug/l	216548	4	13.43	539203	50.0
Cyclopentane, 2-e...	14.45	50.4	ug/l	543889	4	13.43	539203	50.0
(S)-(+)-6-Methyl-...	14.55	18.9	ug/l	203998	4	13.43	539203	50.0