LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091420\
Data File : VX018385.D
Acq On : 14 Sep 2020 15:50
Operator : JC/SP
Sample : L3952-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40614

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.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	1.471	59	63	79	rBV	12691456	13978240	100.00%	34.748%
2	2.087	159	164	173	rBV	134657	206638	1.48%	0.514%
3	2.331	197	204	212	rBV	1096498	1680624	12.02%	4.178%
4	2.416	212	218	233	rVV	2346486	3798069	27.17%	9.442%
5	2.575	237	244	258	rVB	126057	238619	1.71%	0.593%
6	3.629	410	417	428	rVB	71726	160112	1.15%	0.398%
7	3.812	439	447	457	rBV	168243	414983	2.97%	1.032%
8	3.910	457	463	474	rVB2	171159	427349	3.06%	1.062%
9	4.452	542	552	565	rBV	336942	926207	6.63%	2.302%
10	5.471	705	719	730	rBV3	277394	816331	5.84%	2.029%
11	5.635	733	746	758	rVV2	474763	1357385	9.71%	3.374%
12	6.038	799	812	820	rBV2	287130	770584	5.51%	1.916%
13	6.830	931	942	952	rBV	704332	1665544	11.92%	4.140%
14	6.940	954	960	968	rVB	145588	322703	2.31%	0.802%
15	7.269	1006	1014	1023	rBV2	102141	225451	1.61%	0.560%
16	8.696	1241	1248	1255	rBV	1484490	2292258	16.40%	5.698%
17	8.769	1255	1260	1269	rVB	189621	307901	2.20%	0.765%
18	10.098	1472	1478	1486	rVB	1463437	1988468	14.23%	4.943%
19	11.122	1640	1646	1652	rBV	1254522	1501328	10.74%	3.732%
20	11.988	1782	1788	1791	rBV2	95346	139817	1.00%	0.348%
21	12.061	1791	1800	1808	rVB2	1635226	2240360	16.03%	5.569%
22	12.256	1827	1832	1843	rBV	236483	355141	2.54%	0.883%
23	13.305	2000	2004	2007	rBV	361513	414670	2.97%	1.031%
24	13.420	2020	2023	2026	rBV	147366	174217	1.25%	0.433%
25	13.737	2068	2075	2078	rBV3	108639	236902	1.69%	0.589%
26	13.884	2094	2099	2102	rVV	380666	532491	3.81%	1.324%
27	13.951	2106	2110	2116	rVB4	146679	242402	1.73%	0.603%
28	14.079	2126	2131	2134	rBV	1132431	1229670	8.80%	3.057%
29	14.542	2204	2207	2213	rVB3	189771	310764	2.22%	0.773%
30	14.603	2213	2217	2222	rVB	116898	147578	1.06%	0.367%
31	14.652	2222	2225	2231	rBV2	347797	403397	2.89%	1.003%
32	14.792	2244	2248	2252	rBV	671597	720867	5.16%	1.792%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091420\
Data File : VX018385.D
Acq On : 14 Sep 2020 15:50
Operator : JC/SP
Sample : L3952-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40614

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Title : SW846 8260

Sum of corrected areas: 40227070

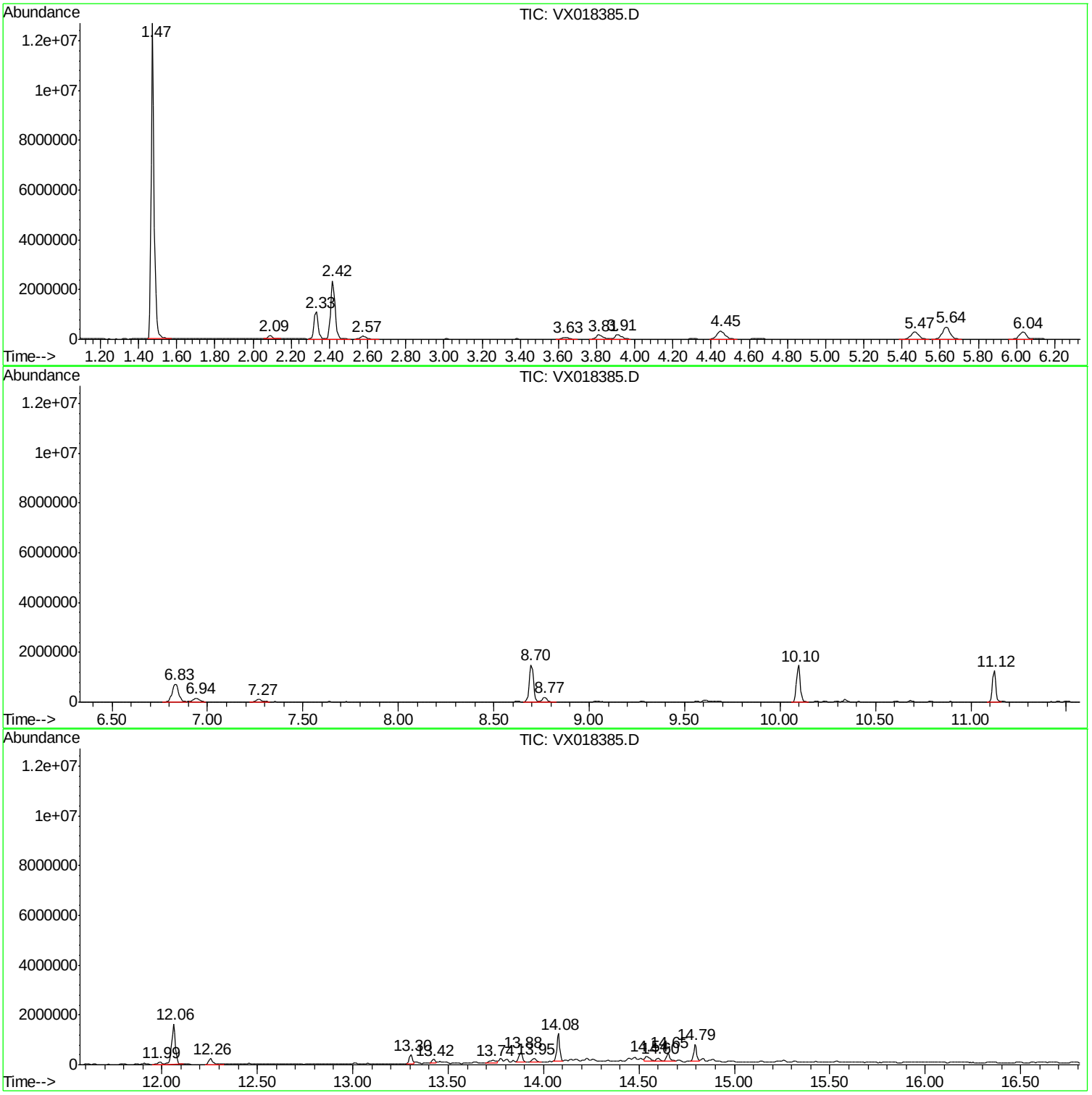
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091420\
Data File : VX018385.D
Acq On : 14 Sep 2020 15:50
Operator : JC/SP
Sample : L3952-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40614

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091420\
Data File : VX018385.D
Acq On : 14 Sep 2020 15:50
Operator : JC/SP
Sample : L3952-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40614

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260

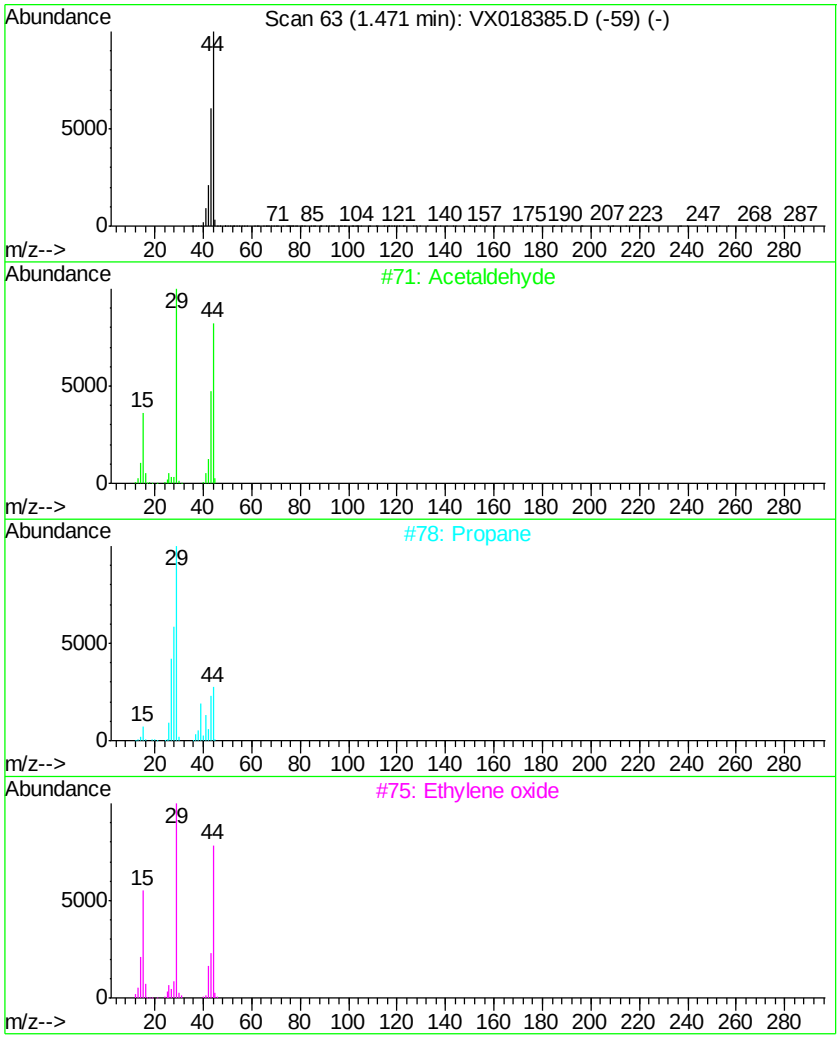
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

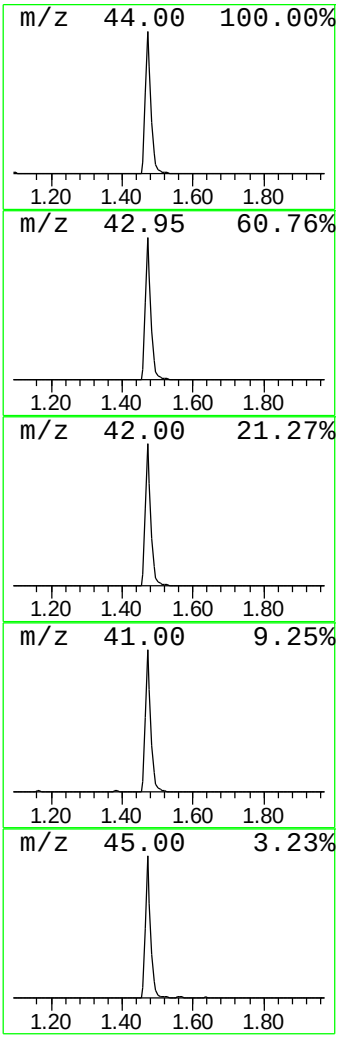
****

Peak Number 1 Acetaldehyde Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.47	514.90 ug/l	13978200	Pentafluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	74
2	Propane	44	C3H8	000074-98-6	5
3	Ethylene oxide	44	C2H4O	000075-21-8	5
4	Alanine	89	C3H7NO2	000056-41-7	4
5	Ethyne, fluoro-	44	C2HF	002713-09-9	3





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091420\
Data File : VX018385.D
Acq On : 14 Sep 2020 15:50
Operator : JC/SP
Sample : L3952-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40614

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260

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

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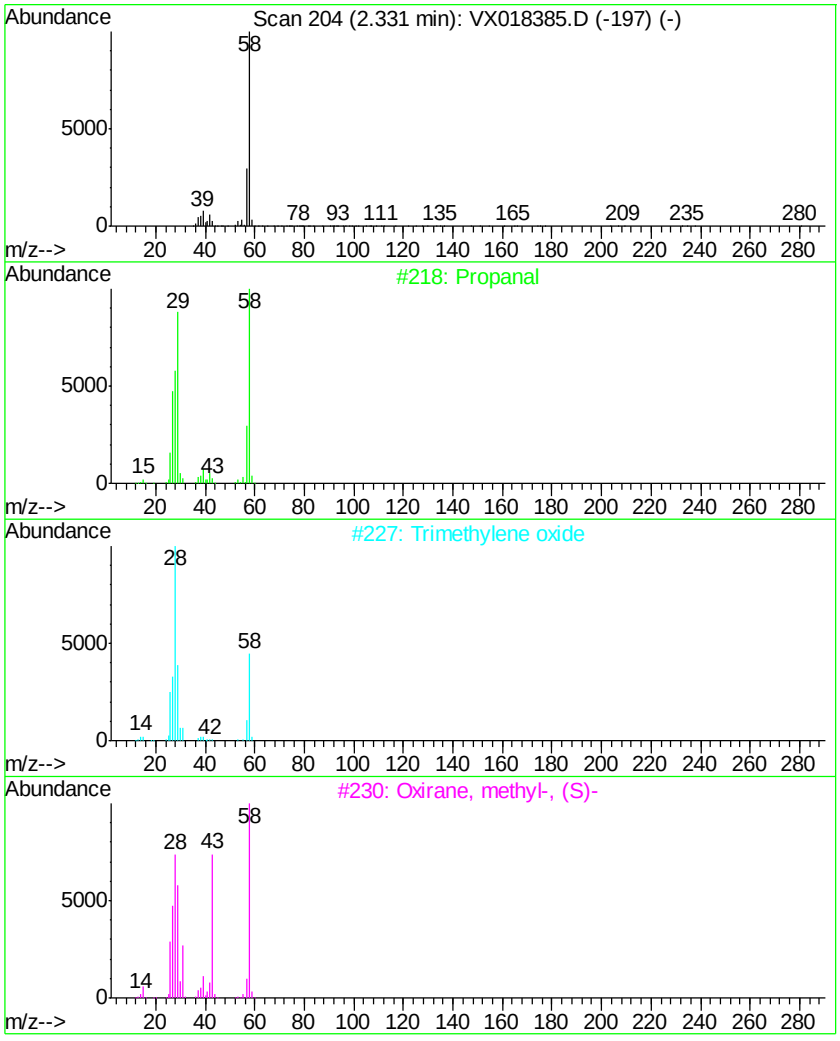
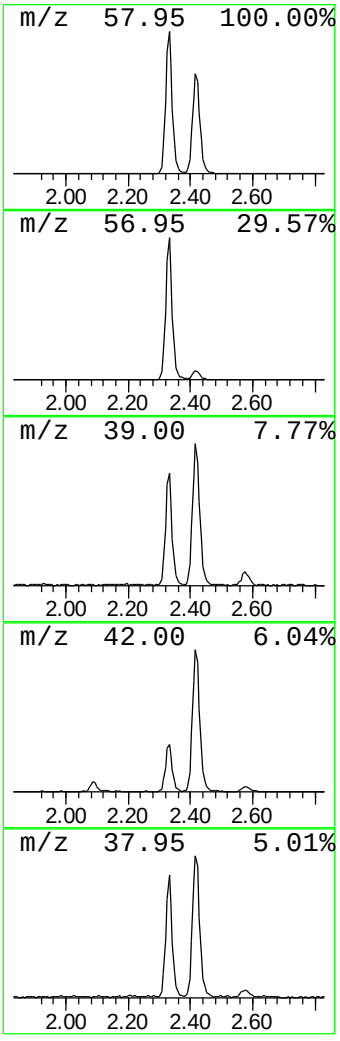
Peak Number 2 Propanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.33	61.91 ug/l	1680620	Pentafluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal	58	C3H6O	000123-38-6	78
2	Trimethylene oxide	58	C3H6O	000503-30-0	9
3	Oxirane, methyl-, (S)-	58	C3H6O	016088-62-3	7
4	Propylene oxide	58	C3H6O	000075-56-9	7
5	Borane, compd. with dimethylamin...	59	C2H10BN	000074-94-2	4





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091420\
Data File : VX018385.D
Acq On : 14 Sep 2020 15:50
Operator : JC/SP
Sample : L3952-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40614

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260

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

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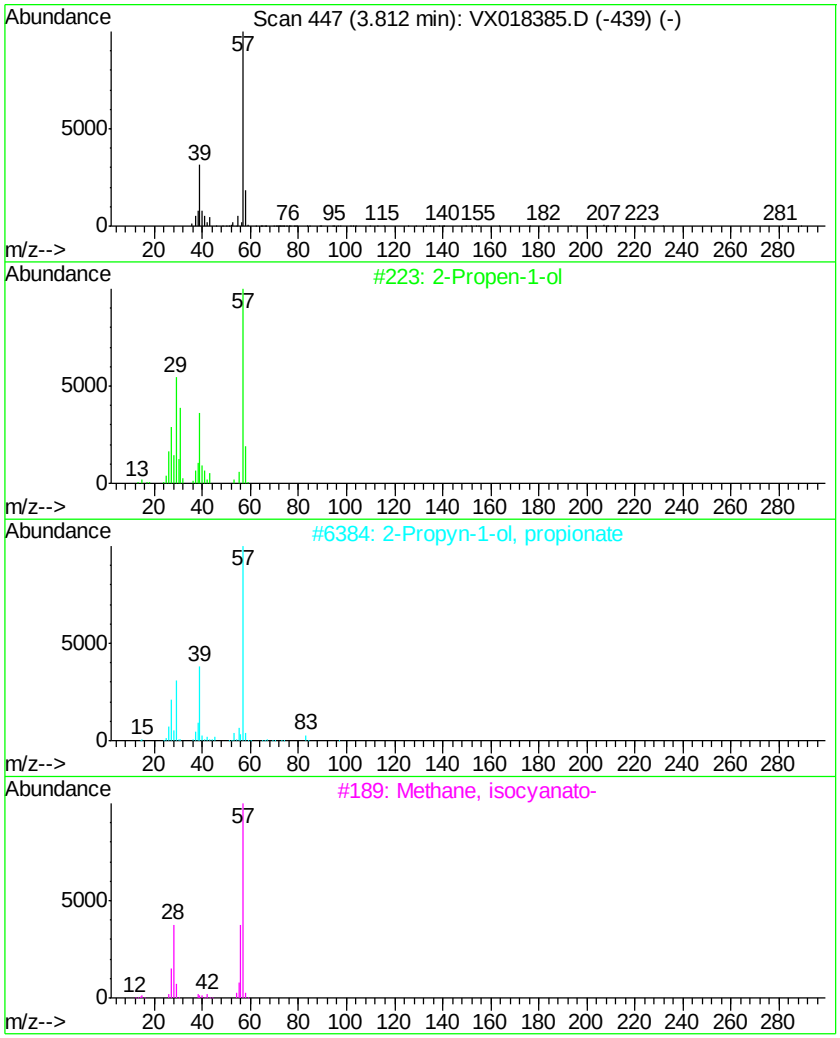
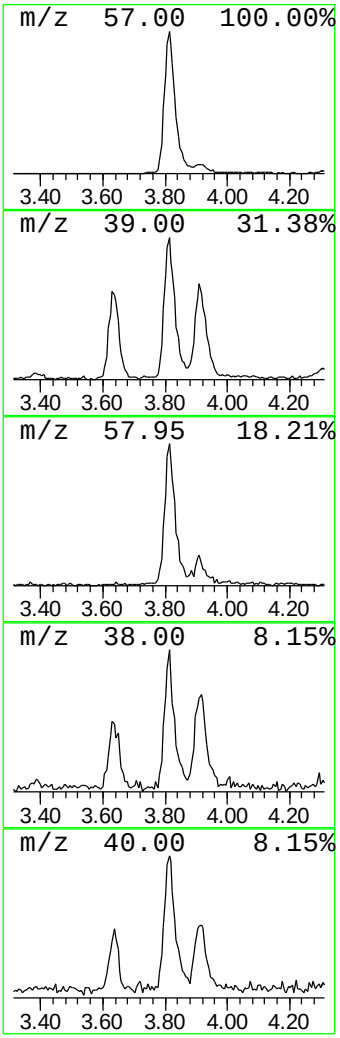
Peak Number 3 2-Propen-1-ol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.81	15.29 ug/l	414983	Pentafluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propen-1-ol	58	C3H6O	000107-18-6	53
2	2-Propyn-1-ol, propionate	112	C6H8O2	001932-92-9	9
3	Methane, isocyanato-	57	C2H3NO	000624-83-9	4
4	Formic acid, 2-propenyl ester	86	C4H6O2	001838-59-1	4
5	Propylene oxide	58	C3H6O	000075-56-9	4





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091420\
Data File : VX018385.D
Acq On : 14 Sep 2020 15:50
Operator : JC/SP
Sample : L3952-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40614

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260

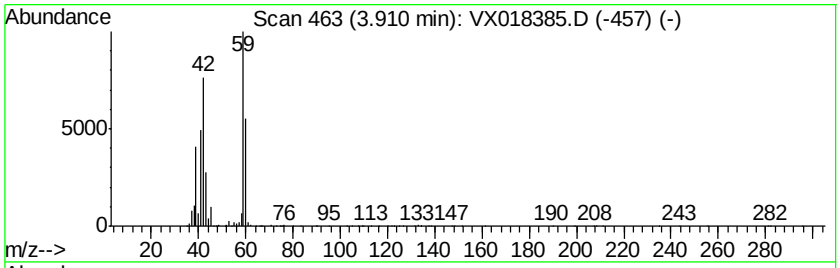
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

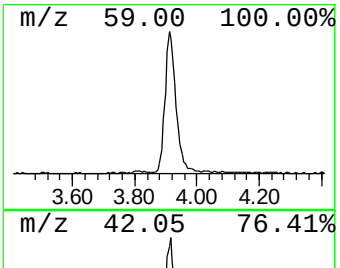
****

Peak Number 4 1-Propanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.91	15.74 ug/l	427349	Pentafluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol	60	C3H8O	000071-23-8	59
2	2-Fluoropropene	60	C3H5F	001184-60-7	47
3	Allyl fluoride	60	C3H5F	000818-92-8	38
4	Cyclopropane	42	C3H6	000075-19-4	32
5	Isoxazolidine, 5-ethyl-2,4-dimet...	129	C7H15NO	056728-14-4	23





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091420\
Data File : VX018385.D
Acq On : 14 Sep 2020 15:50
Operator : JC/SP
Sample : L3952-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40614

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260

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

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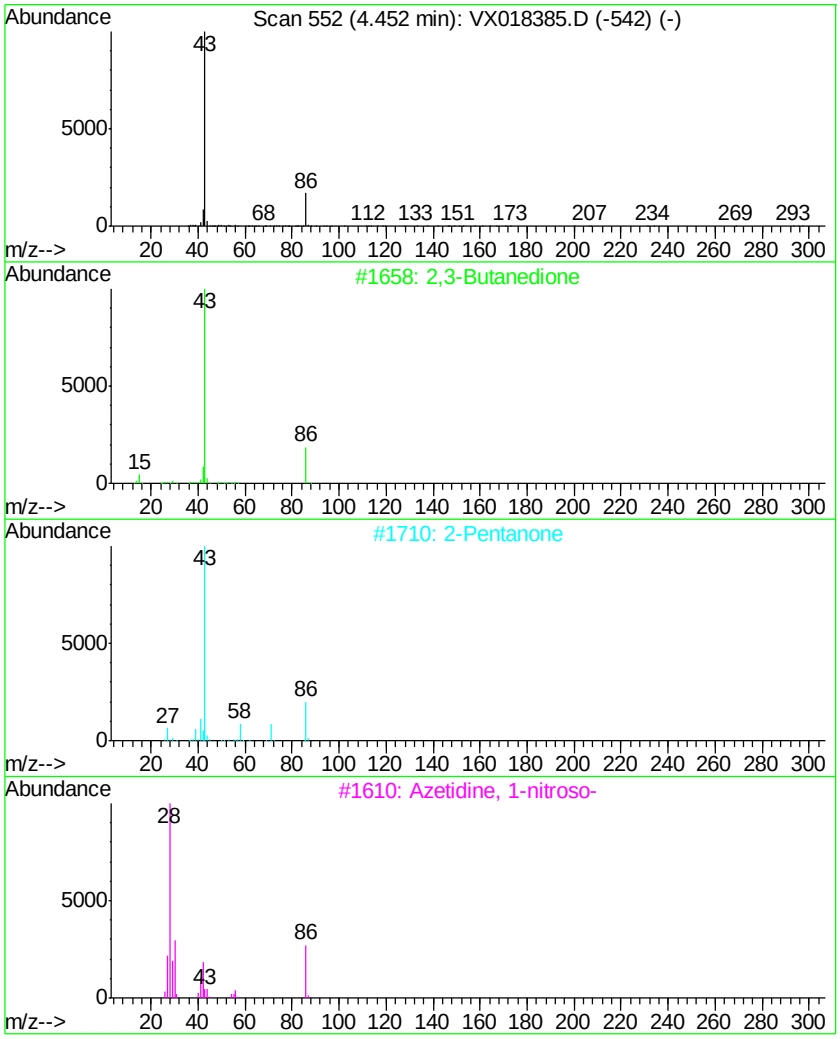
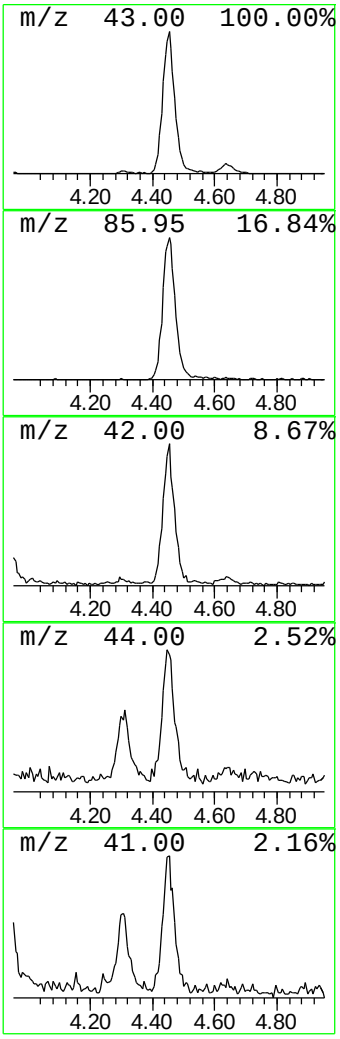
Peak Number 5 2,3-Butanedione Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	34.12 ug/l	926207	Pentafluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Butanedione	86	C4H6O2	000431-03-8	80
2	2-Pentanone	86	C5H10O	000107-87-9	45
3	Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	7
4	Acetic acid ethenyl ester	86	C4H6O2	000108-05-4	7
5	Ethanone, 1-oxiranyl-	86	C4H6O2	004401-11-0	5





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091420\
Data File : VX018385.D
Acq On : 14 Sep 2020 15:50
Operator : JC/SP
Sample : L3952-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40614

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260

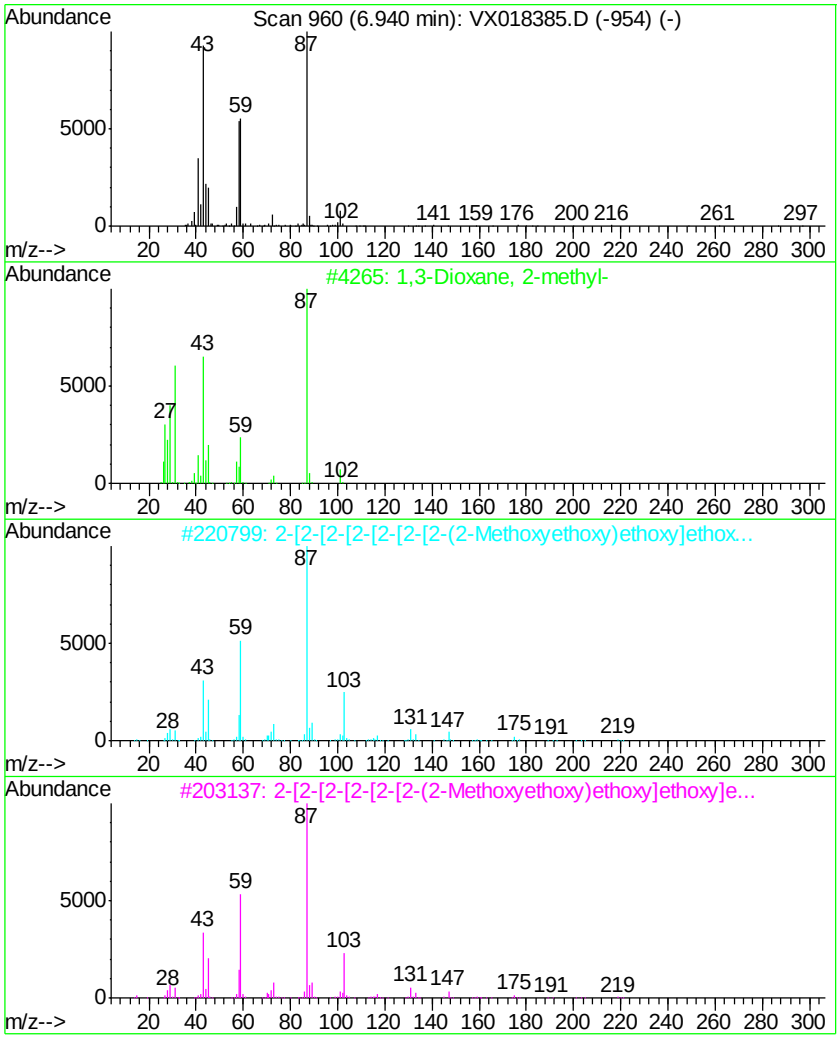
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

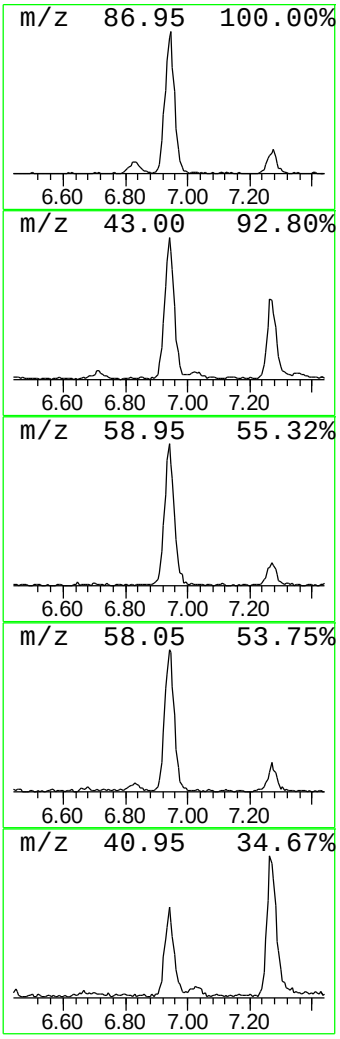
****

Peak Number 6 1,3-Dioxane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	9.69 ug/l	322703	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxane, 2-methyl-	102	C5H10O2	000626-68-6	53
2	2-[2-[2-[2-[2-[2-(2-Methoxyet...	426	C19H38O10	1000351-91-7	53
3	2-[2-[2-[2-[2-[2-(2-Methoxyethox...	382	C17H34O9	1000351-91-6	53
4	Hydrazine, 1,1-diethyl-2-(1-meth...	130	C7H18N2	067398-39-4	47
5	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-Met...	514	C23H46O12	1000351-89-8	42





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091420\
Data File : VX018385.D
Acq On : 14 Sep 2020 15:50
Operator : JC/SP
Sample : L3952-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40614

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260

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

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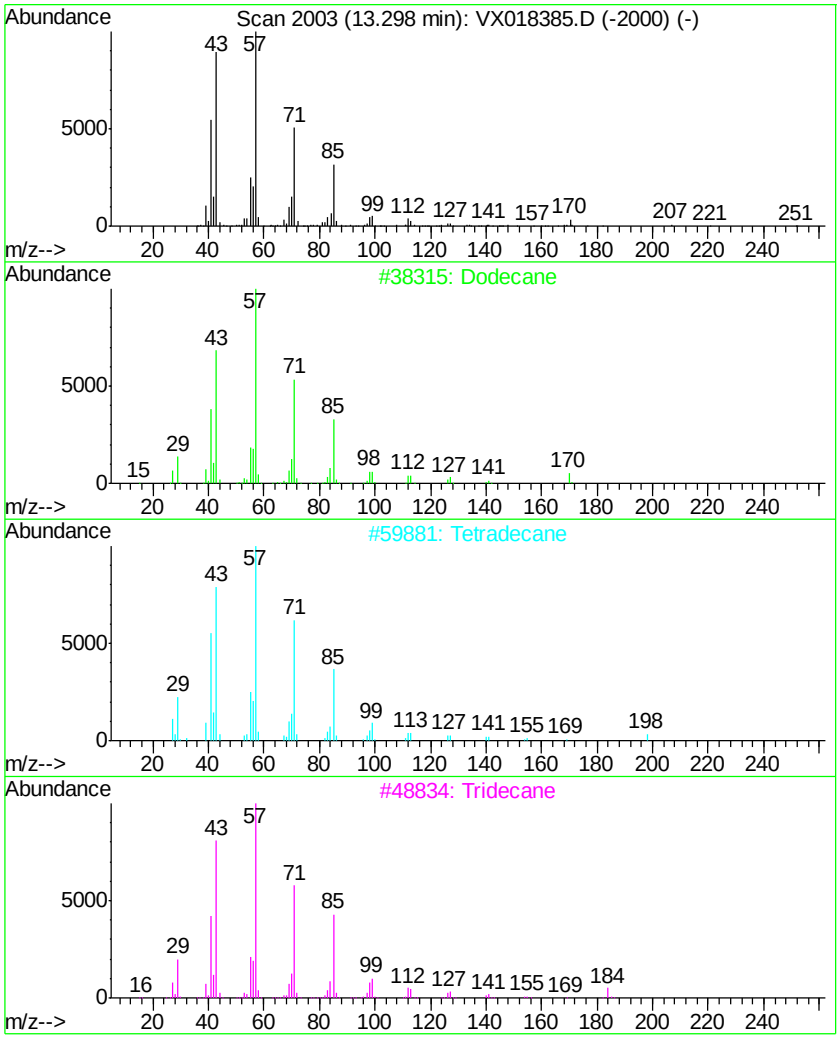
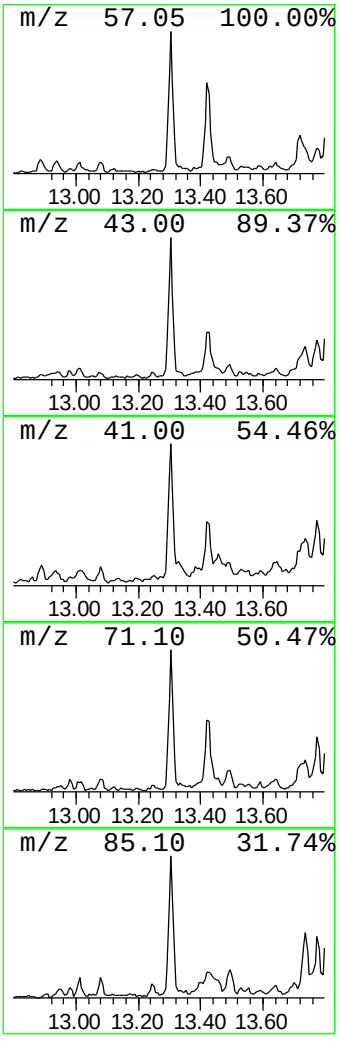
Peak Number 7 Dodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	9.25 ug/l	414670	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane	184	C13H28	000629-50-5	86
4	Hexadecane	226	C16H34	000544-76-3	80
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091420\
Data File : VX018385.D
Acq On : 14 Sep 2020 15:50
Operator : JC/SP
Sample : L3952-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40614

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260

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

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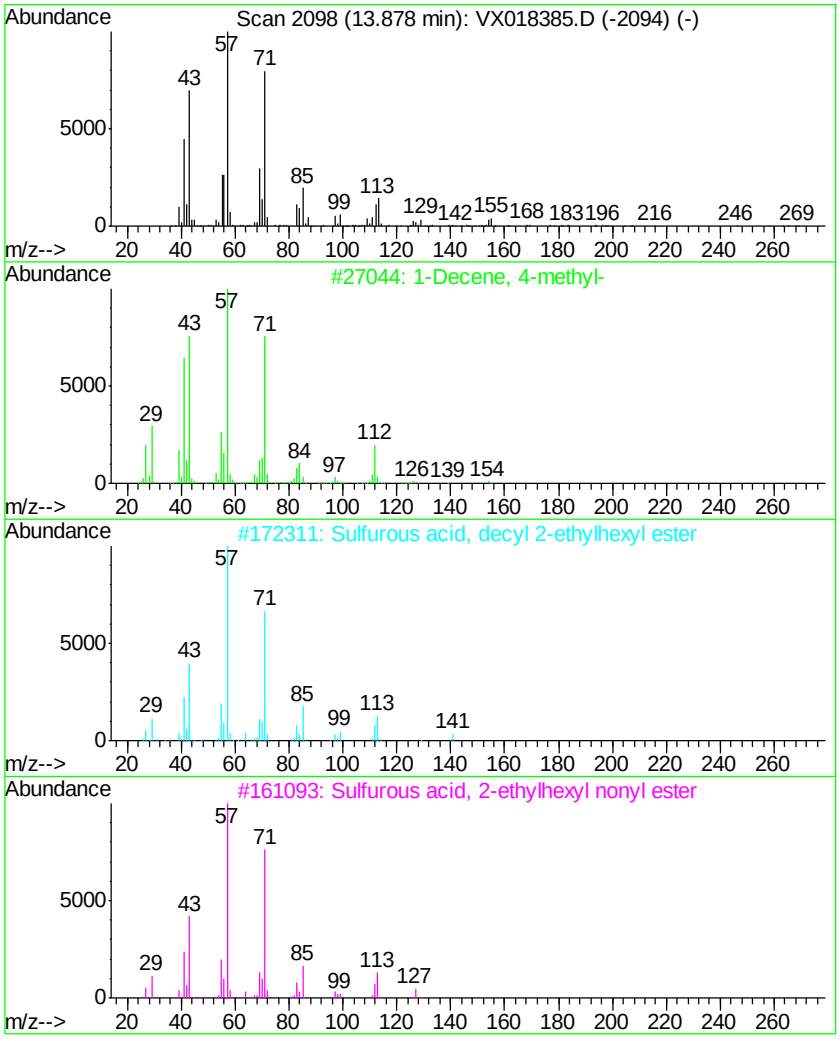
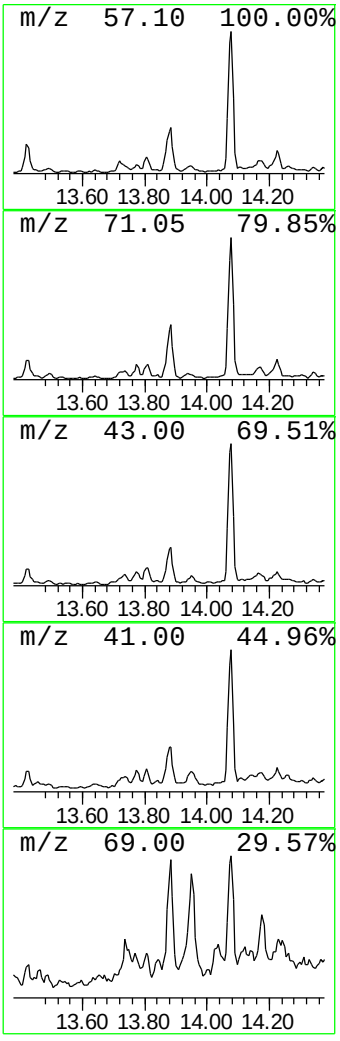
Peak Number 8 1-Decene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	11.88 ug/l	532491	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene, 4-methyl-	154	C11H22	013151-29-6	81
2	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	80
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
4	2-Undecene, 5-methyl-	168	C12H24	056851-34-4	72
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091420\
Data File : VX018385.D
Acq On : 14 Sep 2020 15:50
Operator : JC/SP
Sample : L3952-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40614

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260

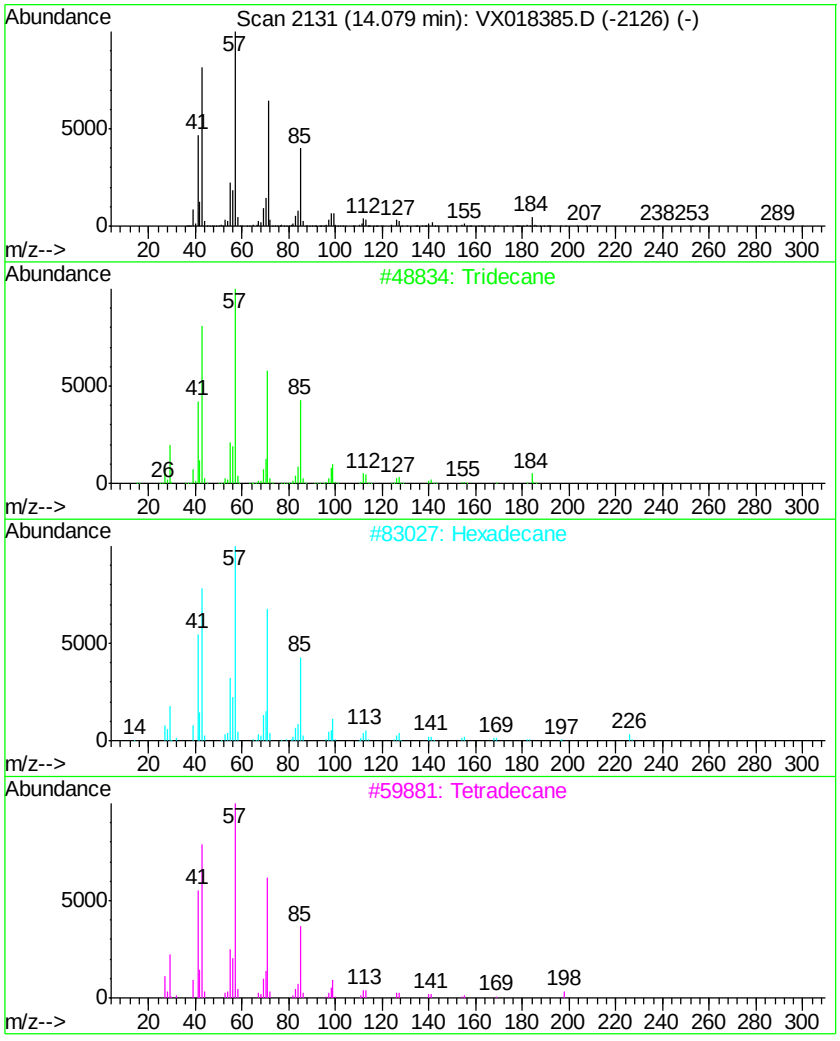
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

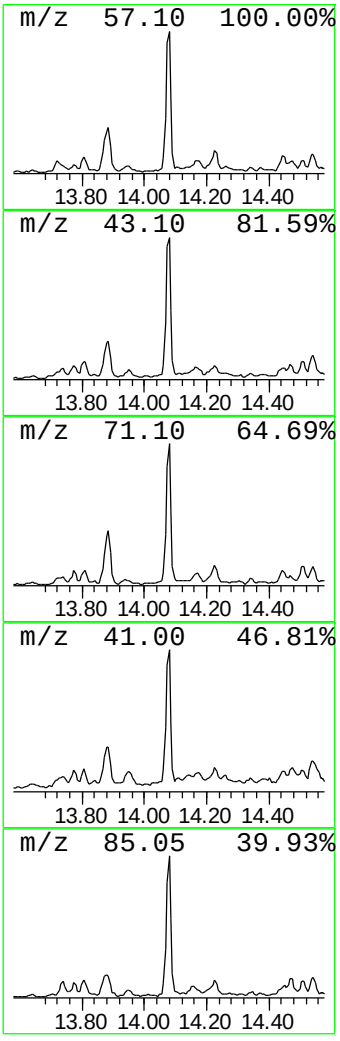
****

Peak Number 9 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	27.44 ug/l	1229670	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetradecane	198	C14H30	000629-59-4	87
4	Dodecane	170	C12H26	000112-40-3	86
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091420\
Data File : VX018385.D
Acq On : 14 Sep 2020 15:50
Operator : JC/SP
Sample : L3952-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40614

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260

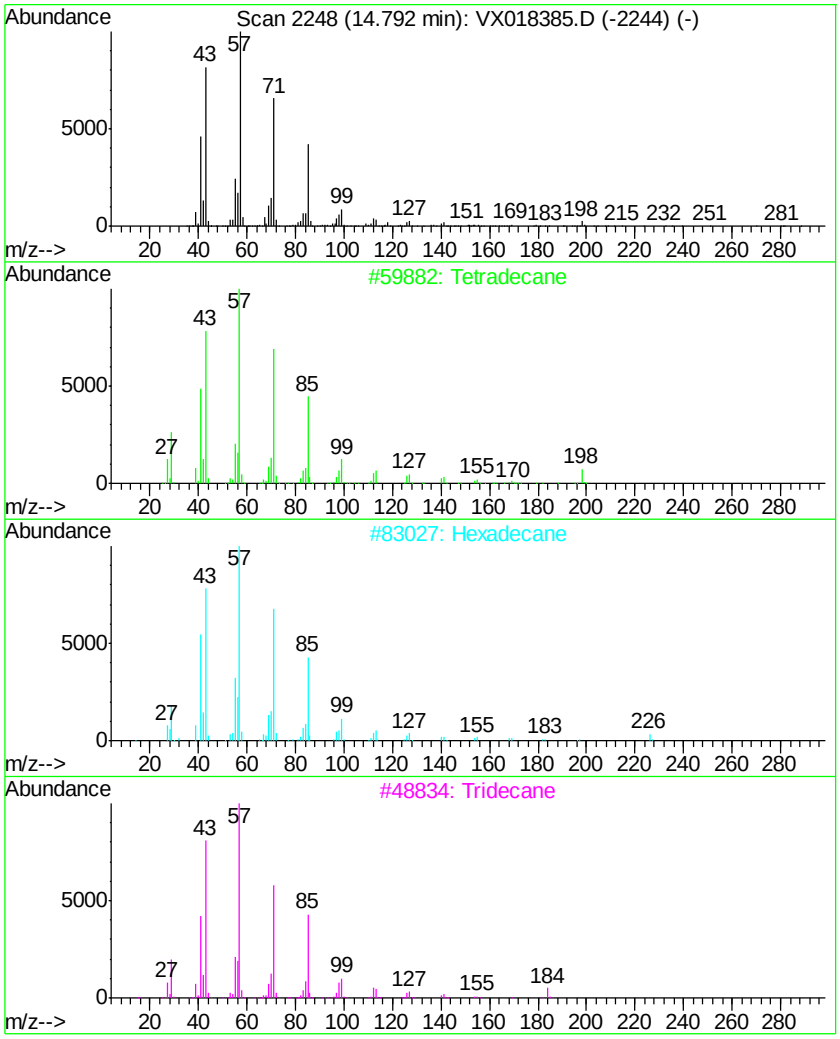
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

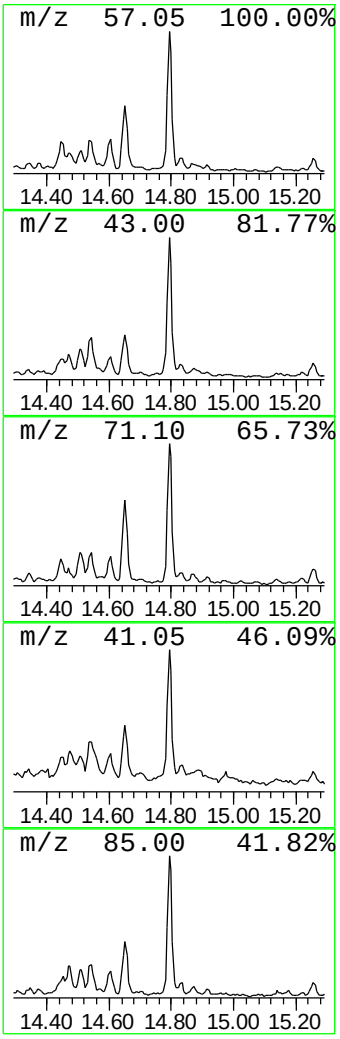
****

Peak Number 10 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	16.09 ug/l	720867	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	87
4	Nonadecane	268	C19H40	000629-92-5	86
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091420\
Data File : VX018385.D
Acq On : 14 Sep 2020 15:50
Operator : JC/SP
Sample : L3952-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40614

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Acetaldehyde	1.47	514.9	ug/l	13978200	1	5.64	1357390	50.0
Propanal	2.33	61.9	ug/l	1680620	1	5.64	1357390	50.0
2-Propen-1-ol	3.81	15.3	ug/l	414983	1	5.64	1357390	50.0
1-Propanol	3.91	15.7	ug/l	427349	1	5.64	1357390	50.0
2,3-Butanedione	4.45	34.1	ug/l	926207	1	5.64	1357390	50.0
1,3-Dioxane, 2-me...	6.94	9.7	ug/l	322703	2	6.83	1665540	50.0
Dodecane	13.30	9.3	ug/l	414670	4	12.06	2240360	50.0
1-Decene, 4-methyl-	13.88	11.9	ug/l	532491	4	12.06	2240360	50.0
Tridecane	14.08	27.4	ug/l	1229670	4	12.06	2240360	50.0
Tetradecane	14.79	16.1	ug/l	720867	4	12.06	2240360	50.0