LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042120\
Data File : VX015795.D
Acq On : 21 Apr 2020 15:31
Operator : JC/SP
Sample : L2279-07 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OILY-WATER

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\82X032720W.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	1.064	25	29	59	rBV	17677856	69543096	100.00%	43.916%
2	2.424	245	252	264	rBV	529250	1083145	1.56%	0.684%
3	2.686	288	295	310	rBV	1636502	4228870	6.08%	2.671%
4	2.838	313	320	337	rVV	10755756	20239914	29.10%	12.782%
5	5.472	741	752	765	rBV	537249	1537027	2.21%	0.971%
6	5.636	768	779	791	rVV2	957305	2699722	3.88%	1.705%
7	6.039	834	845	855	rBV	587420	1559185	2.24%	0.985%
8	6.837	966	976	986	rBV	1524286	3601510	5.18%	2.274%
9	7.142	1017	1026	1045	rBV	488044	1755150	2.52%	1.108%
10	8.697	1275	1281	1288	rBV	3227465	4929541	7.09%	3.113%
11	9.105	1328	1348	1350	rBV2	717405	3358730	4.83%	2.121%
12	9.178	1350	1360	1374	rVB	2031931	6248347	8.98%	3.946%
13	10.099	1505	1511	1519	rVB	3264101	4399809	6.33%	2.778%
14	11.123	1674	1679	1686	rVB	3081492	3783114	5.44%	2.389%
15	12.062	1828	1833	1842	rVB	3885804	4994272	7.18%	3.154%
16	13.019	1986	1990	1994	rBV	758633	852304	1.23%	0.538%
17	14.665	2249	2260	2270	rBV3	347424	1220472	1.75%	0.771%
18	14.921	2281	2302	2324	rBV4	1984341	13989464	20.12%	8.834%
19	15.653	2417	2422	2429	rVB	734831	1151859	1.66%	0.727%
20	15.964	2457	2473	2504	rBV7	863624	7177533	10.32%	4.533%

Sum of corrected areas: 158353064

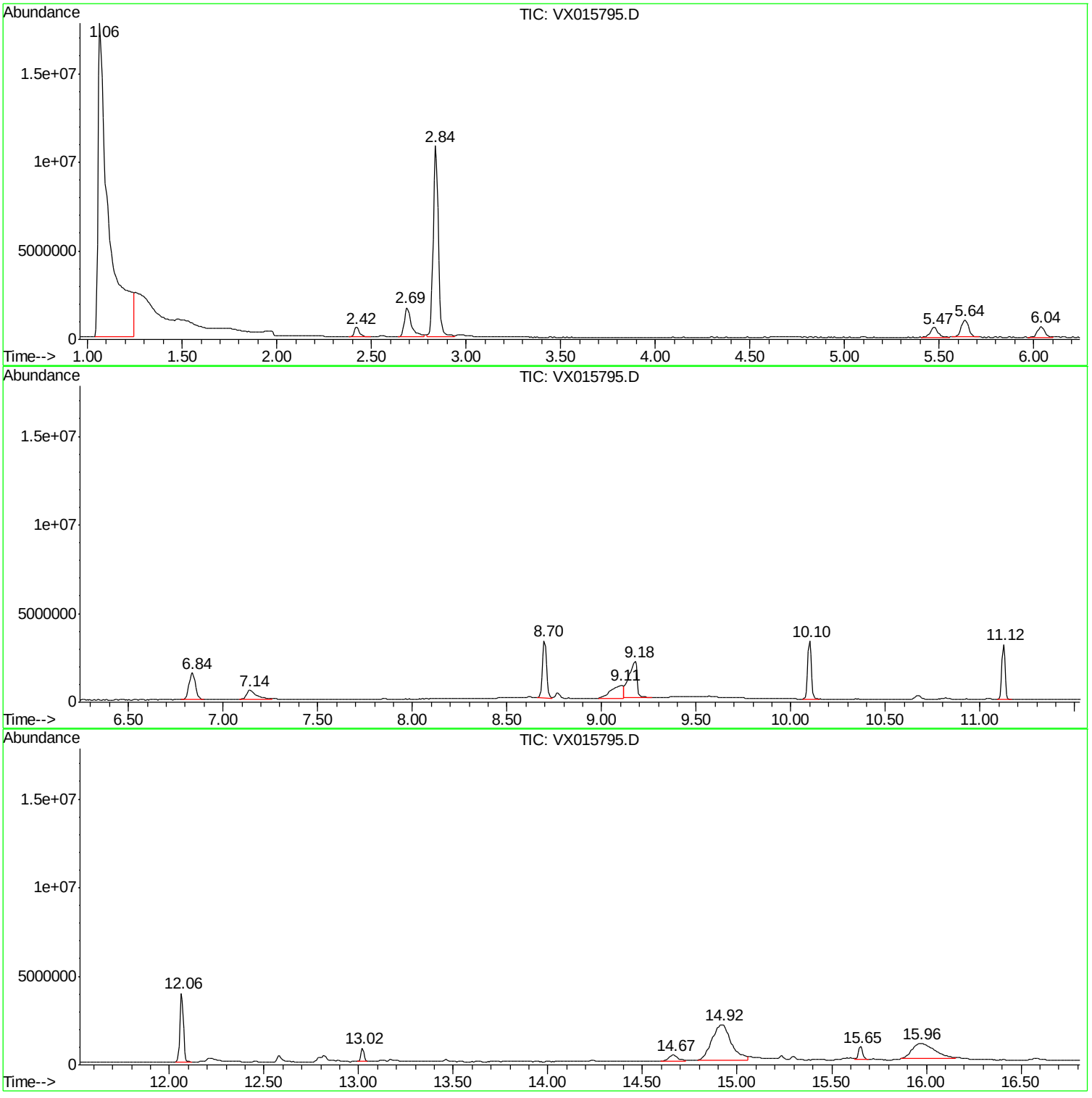
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042120\
Data File : VX015795.D
Acq On : 21 Apr 2020 15:31
Operator : JC/SP
Sample : L2279-07 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OILY-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042120\
Data File : VX015795.D
Acq On : 21 Apr 2020 15:31
Operator : JC/SP
Sample : L2279-07 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OILY-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260

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

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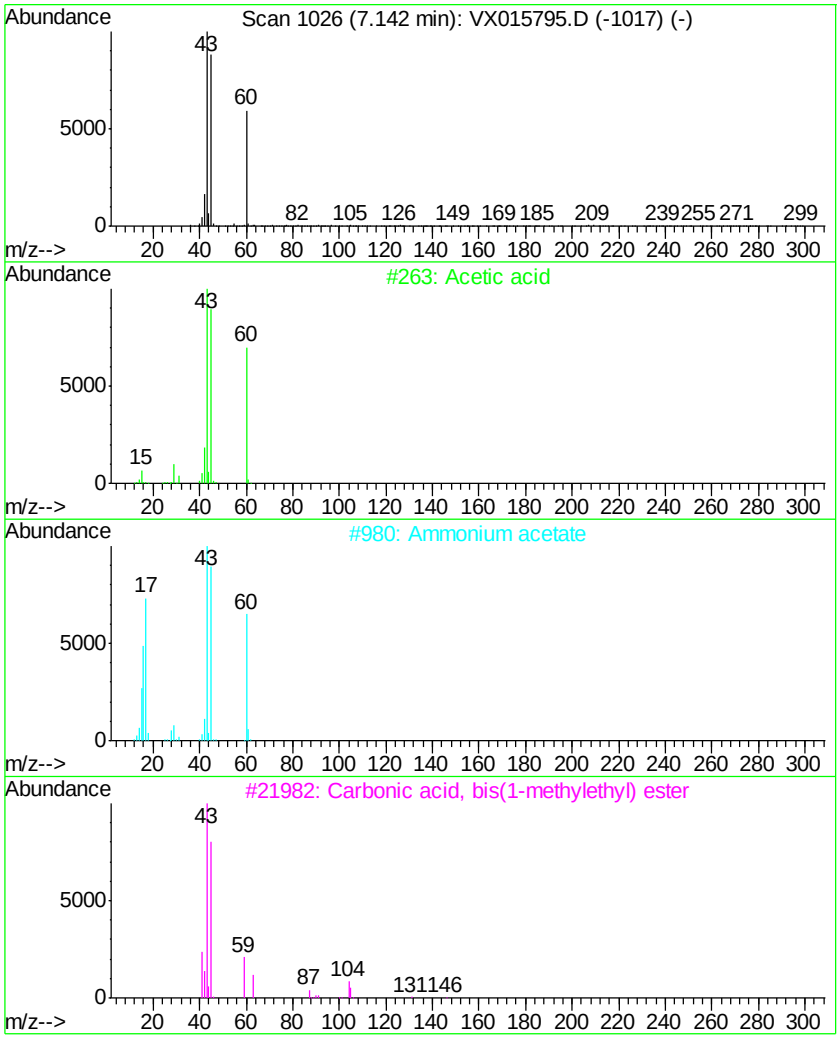
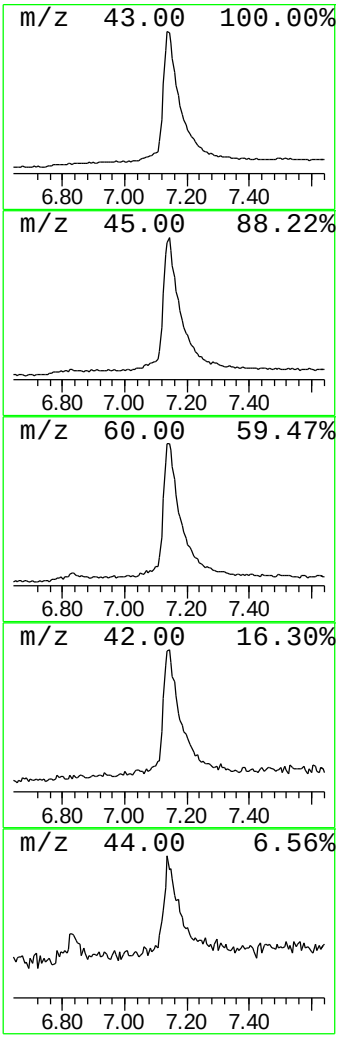
Peak Number 3 Acetic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	24.37 ug/l	1755150	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid	60	C2H4O2	000064-19-7	91
2	Ammonium acetate	77	C2H7NO2	000631-61-8	74
3	Carbonic acid, bis(1-methylethyl...	146	C7H14O3	006482-34-4	53
4	N-Acetylisoxazolidine	115	C5H9NO2	115615-36-6	43
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	39





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042120\
Data File : VX015795.D
Acq On : 21 Apr 2020 15:31
Operator : JC/SP
Sample : L2279-07 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OILY-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260

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

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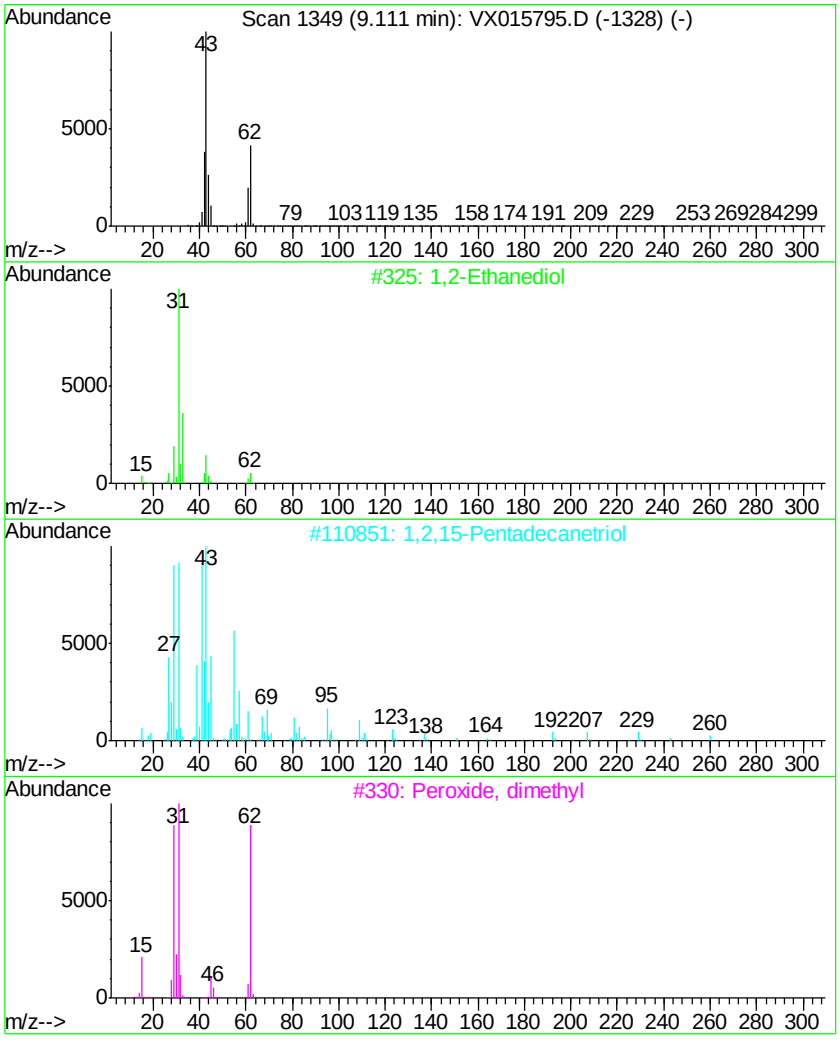
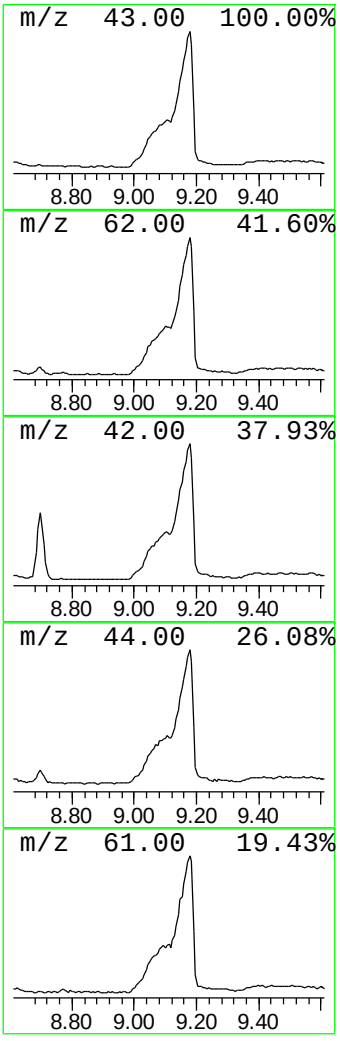
Peak Number 4 1,2-Ethanediol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	38.17 ug/l	3358730	Chlorobenzene-d5	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Ethanediol	62	C2H6O2	000107-21-1	50
2	1,2,15-Pentadecanetriol	260	C15H32O3	057289-60-8	9
3	Peroxide, dimethyl	62	C2H6O2	000690-02-8	7
4	Ethanethiol	62	C2H6S	000075-08-1	5
5	Ethene, chloro-	62	C2H3Cl	000075-01-4	4





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042120\
Data File : VX015795.D
Acq On : 21 Apr 2020 15:31
Operator : JC/SP
Sample : L2279-07 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OILY-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260

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

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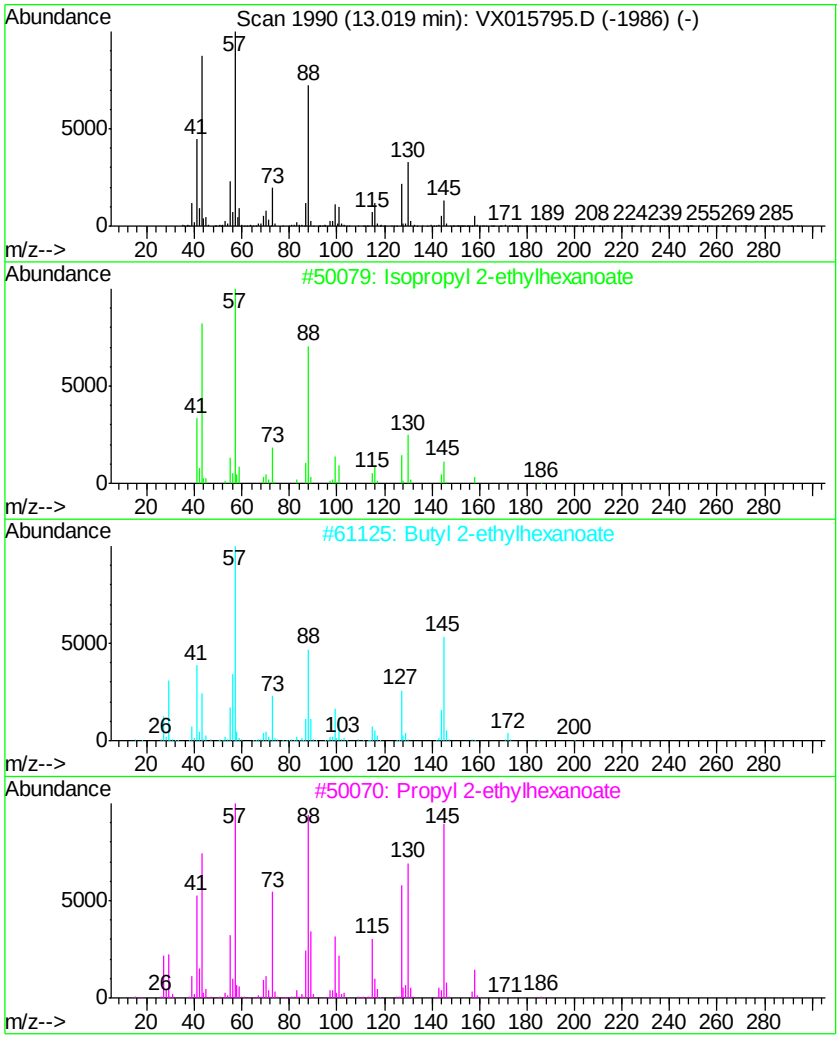
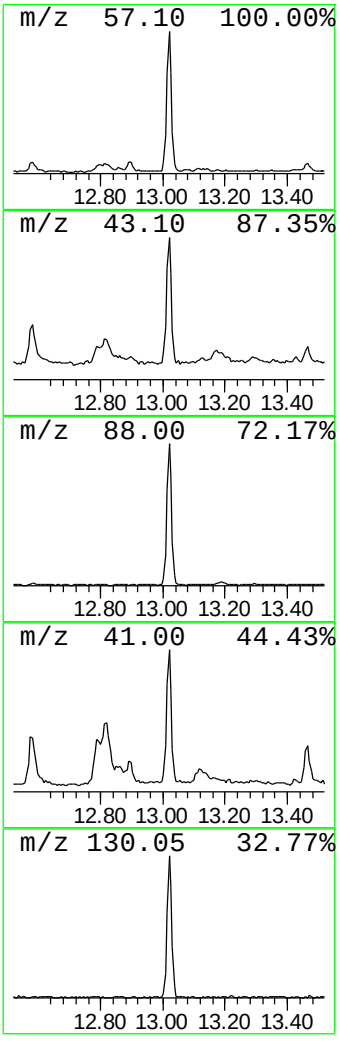
Peak Number 6 Isopropyl 2-ethylhexanoate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	8.53 ug/l	852304	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl 2-ethylhexanoate	186	C11H22O2	067024-46-8	90
2	Butyl 2-ethylhexanoate	200	C12H24O2	068443-63-0	47
3	Propyl 2-ethylhexanoate	186	C11H22O2	172354-89-1	42
4	Hexanoic acid, 2-ethyl-, 2-methy...	200	C12H24O2	007434-89-1	38
5	5-(Methylamino)-1,2,3,4-thiatria...	116	C2H4N4S	052098-72-3	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042120\
Data File : VX015795.D
Acq On : 21 Apr 2020 15:31
Operator : JC/SP
Sample : L2279-07 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OILY-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260

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

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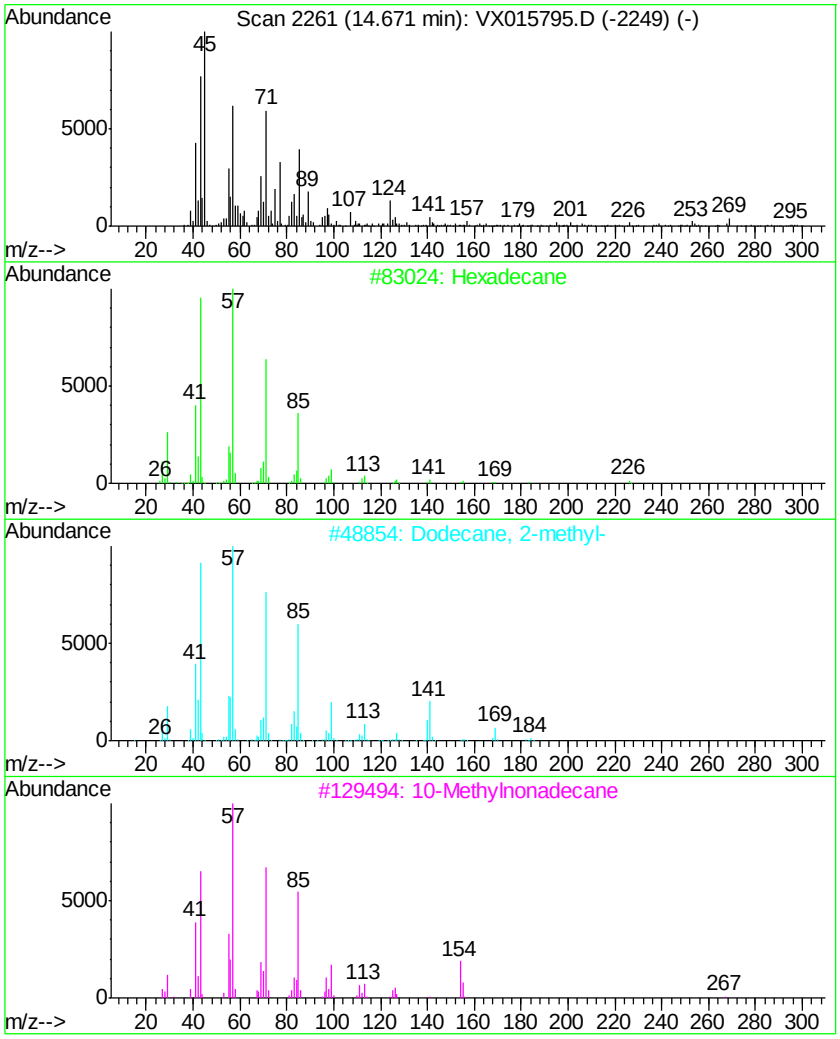
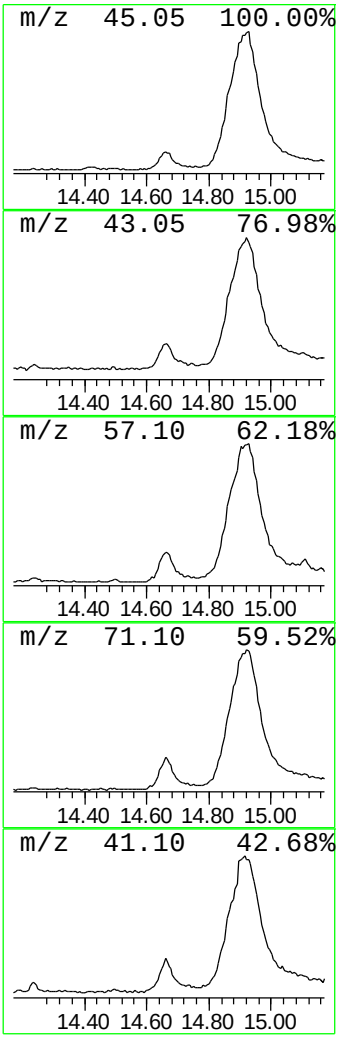
Peak Number 7 unknown14.67 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	12.22 ug/l	1220470	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	42
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	41
3	10-Methylnonadecane	282	C20H42	056862-62-5	38
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	38
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	30





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042120\
Data File : VX015795.D
Acq On : 21 Apr 2020 15:31
Operator : JC/SP
Sample : L2279-07 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OILY-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260

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

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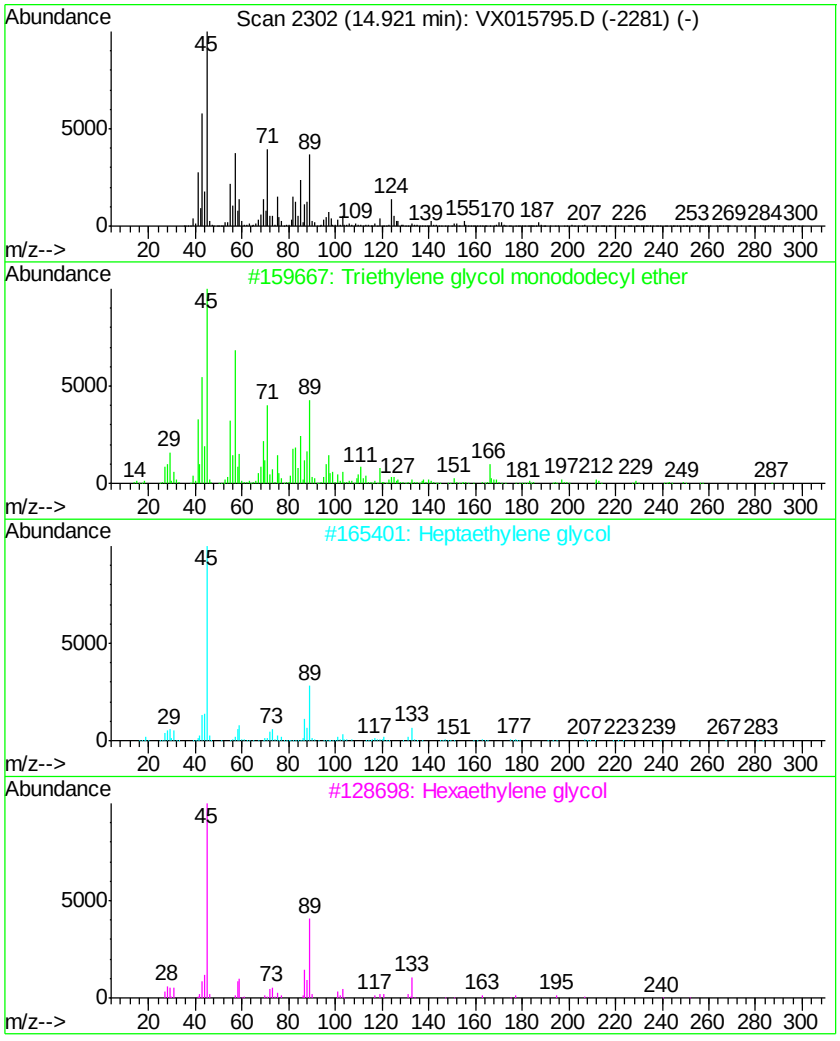
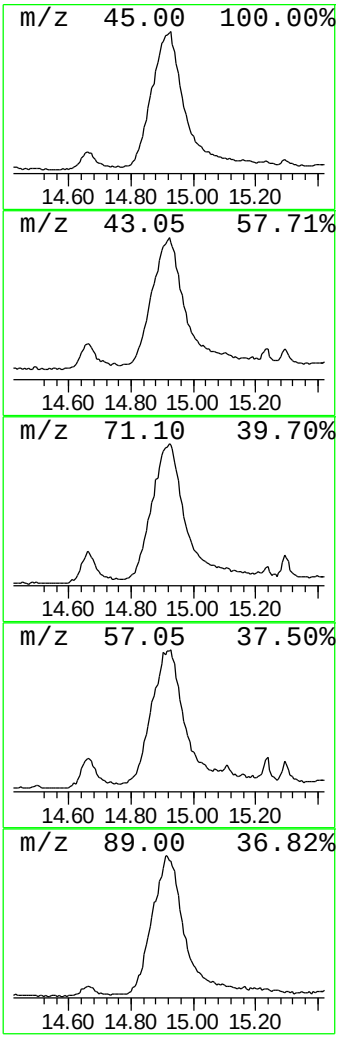
Peak Number 8 Triethylene glycol monodode... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	140.06 ug/l	13989500	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethylene glycol monododecyl e...	318	C18H38O4	003055-94-5	78
2	Heptaethylene glycol	326	C14H30O8	005617-32-3	49
3	Hexaethylene glycol	282	C12H26O7	002615-15-8	49
4	Pentaethylene glycol	238	C10H22O6	004792-15-8	47
5	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042120\
Data File : VX015795.D
Acq On : 21 Apr 2020 15:31
Operator : JC/SP
Sample : L2279-07 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OILY-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260

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

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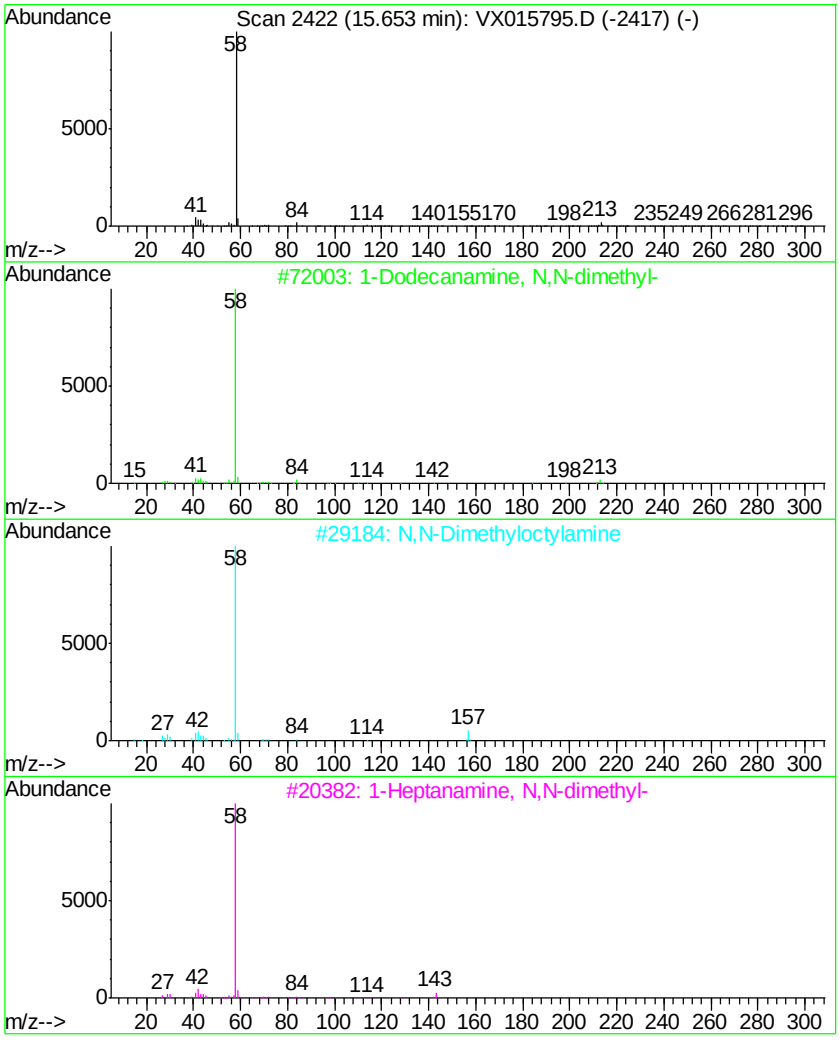
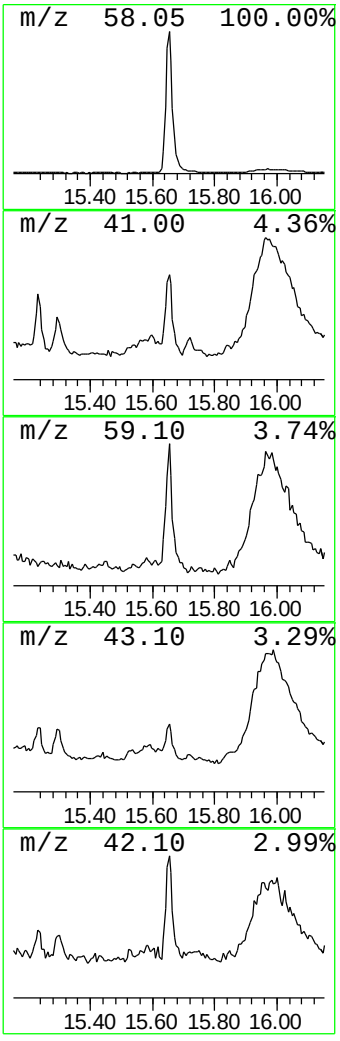
Peak Number 9 1-Dodecanamine, N,N-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	11.53 ug/l	1151860	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	91
2	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
3	1-Heptanamine, N,N-dimethyl-	143	C9H21N	005277-11-2	56
4	n-Octyl trimethyl ammonium bromide	251	C11H26BrN	002083-68-3	56
5	1-Tridecanamine, N,N-dimethyl-	227	C15H33N	017373-29-4	56





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Data File : VX015795.D
Acq On : 21 Apr 2020 15:31
Operator : JC/SP
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OILY-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260

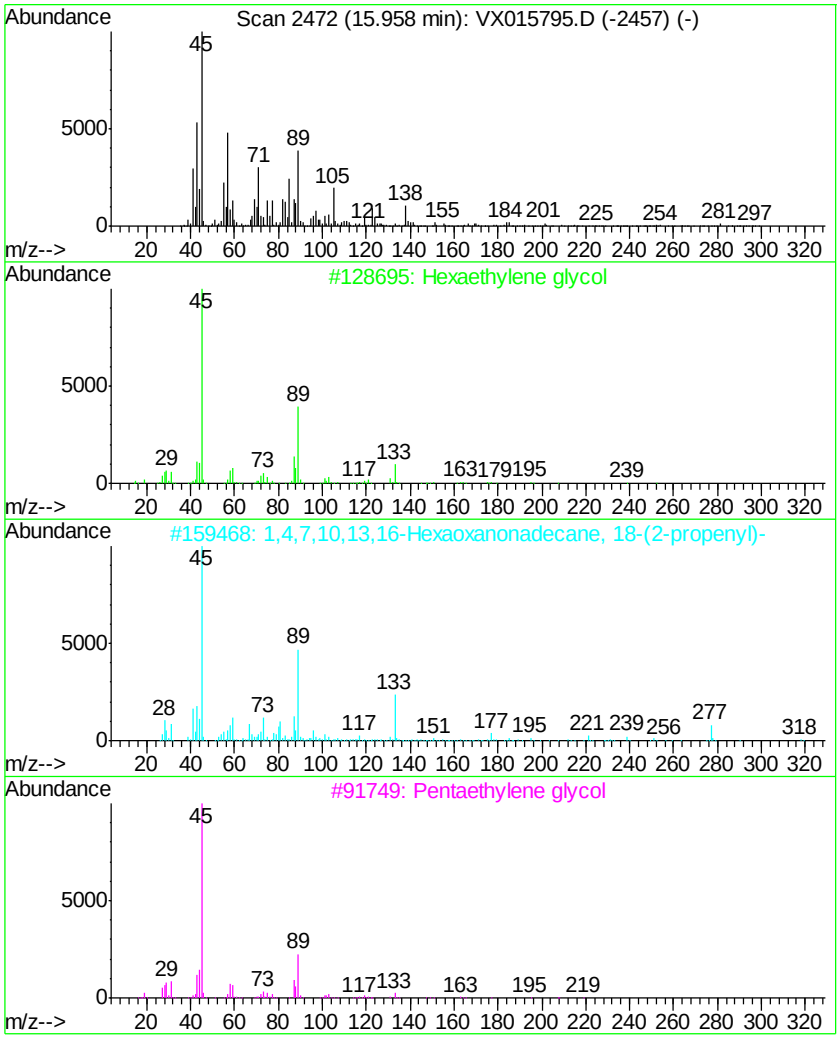
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

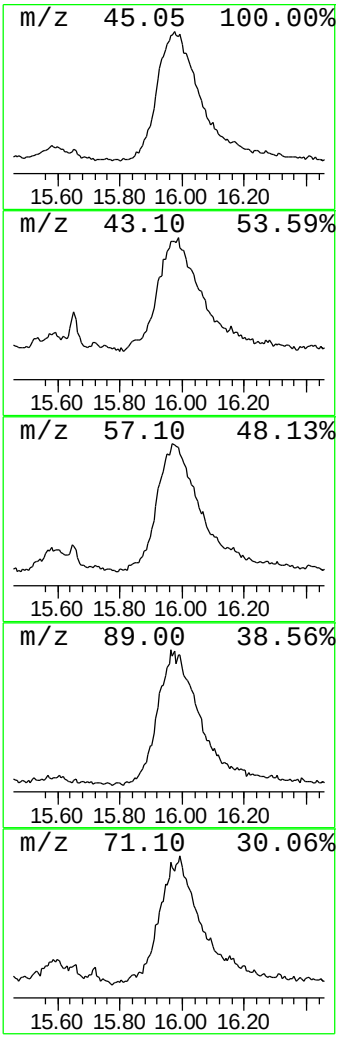
****

Peak Number 10 Hexaethylene glycol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	71.86 ug/l	7177530	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol	282	C12H26O7	002615-15-8	58
2	1,4,7,10,13,16-Hexaoxanonadecane...	318	C16H30O6	1000163-64-0	50
3	Pentaethylene glycol	238	C10H22O6	004792-15-8	47
4	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	38
5	2-Pentadecanol	228	C15H32O	001653-34-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042120\
Data File : VX015795.D
Acq On : 21 Apr 2020 15:31
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OILY-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.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
Acetic acid	7.14	24.4	ug/l	1755150	2	6.84	3601510	50.0
1,2-Ethanediol	9.11	38.2	ug/l	3358730	3	10.10	4399810	50.0
Isopropyl 2-ethyl...	13.02	8.5	ug/l	852304	4	12.06	4994270	50.0
unknown14.67	14.67	12.2	ug/l	1220470	4	12.06	4994270	50.0
Triethylene glyco...	14.92	140.1	ug/l	13989500	4	12.06	4994270	50.0
1-Dodecanamine, N...	15.65	11.5	ug/l	1151860	4	12.06	4994270	50.0
Hexaethylene glycol	15.96	71.9	ug/l	7177530	4	12.06	4994270	50.0