LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042120\
Data File : VX015793.D
Acq On : 21 Apr 2020 14:46
Operator : JC/SP
Sample : L2279-07 50X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 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	92	rBV	15937196	68818979	100.00%	40.387%
2	2.716	291	300	313	rBV	363904	1503273	2.18%	0.882%
3	2.838	313	320	335	rVB	3790501	7089380	10.30%	4.160%
4	5.472	741	752	765	rBV	548396	1583132	2.30%	0.929%
5	5.636	765	779	793	rBV	1062278	2924083	4.25%	1.716%
6	6.039	835	845	856	rBV	600059	1599162	2.32%	0.938%
7	6.837	967	976	987	rBV	1488690	3566450	5.18%	2.093%
8	7.136	999	1025	1064	rBV	2535538	15290945	22.22%	8.974%
9	8.697	1275	1281	1289	rBV	3111600	5012931	7.28%	2.942%
10	9.111	1335	1349	1351	rBV	650816	2506904	3.64%	1.471%
11	9.251	1353	1372	1376	rVB	3710541	17551778	25.50%	10.300%
12	10.099	1505	1511	1517	rBV	3273409	4360014	6.34%	2.559%
13	10.824	1623	1630	1637	rVB	460117	916666	1.33%	0.538%
14	11.123	1674	1679	1686	rVB	2927639	3694441	5.37%	2.168%
15	12.062	1828	1833	1841	rBV	3877912	4942865	7.18%	2.901%
16	12.208	1852	1857	1875	rVB	327587	1080844	1.57%	0.634%
17	14.665	2247	2260	2276	rBV	2089275	7061475	10.26%	4.144%
18	14.854	2284	2291	2306	rVB3	375156	1566146	2.28%	0.919%
19	15.433	2375	2386	2396	rBV4	282110	1243658	1.81%	0.730%
20	15.592	2398	2412	2421	rBV3	1479161	6435988	9.35%	3.777%
21	15.726	2430	2434	2451	rVB3	251795	702271	1.02%	0.412%
22	16.006	2463	2480	2502	rBV3	1374044	8158031	11.85%	4.788%
23	16.579	2563	2574	2590	rBV2	671100	2791249	4.06%	1.638%

Sum of corrected areas: 170400665

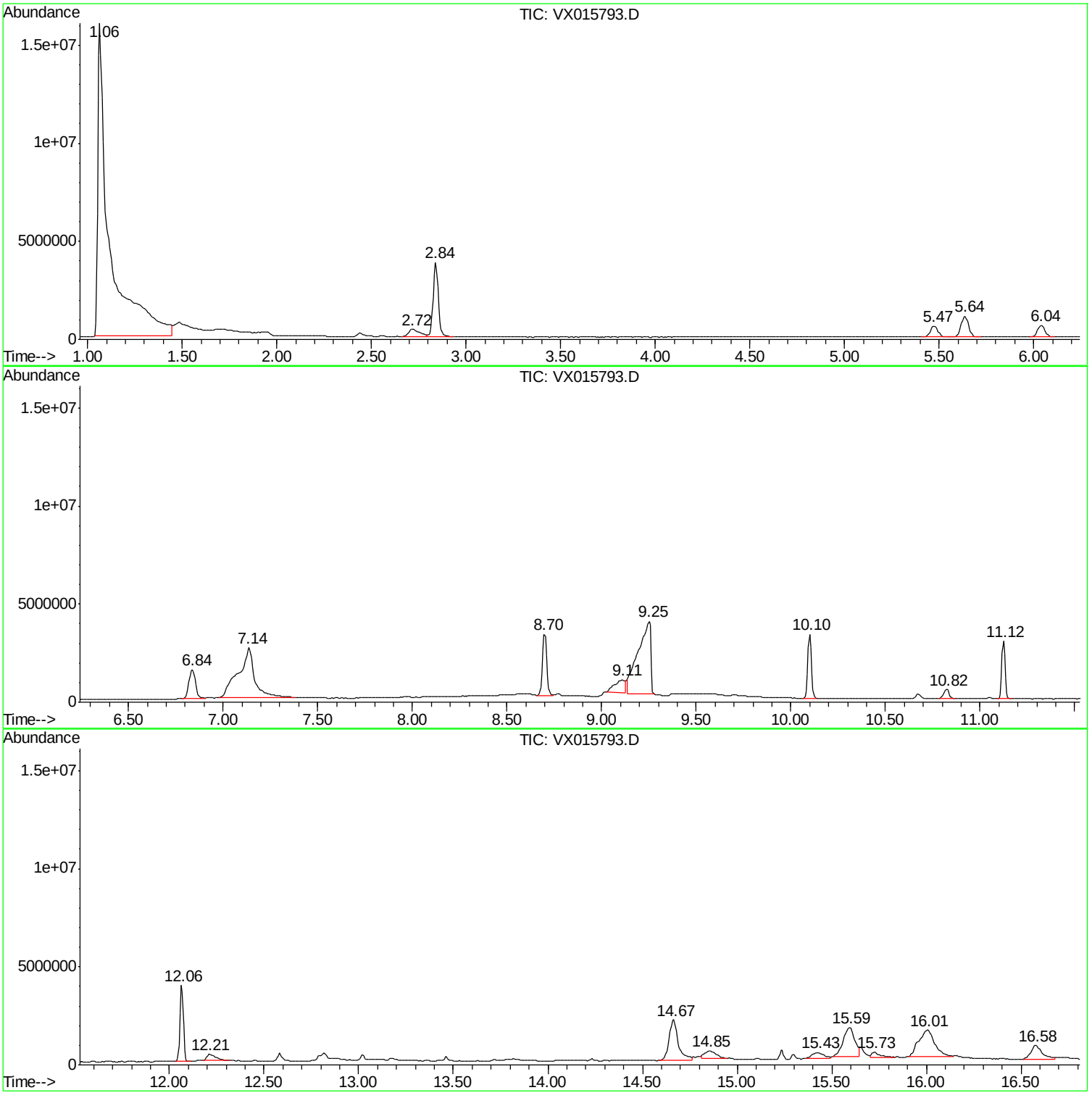
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042120\
Data File : VX015793.D
Acq On : 21 Apr 2020 14:46
Operator : JC/SP
Sample : L2279-07 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042120\
Data File : VX015793.D
Acq On : 21 Apr 2020 14:46
Operator : JC/SP
Sample : L2279-07 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OILY-WATER

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

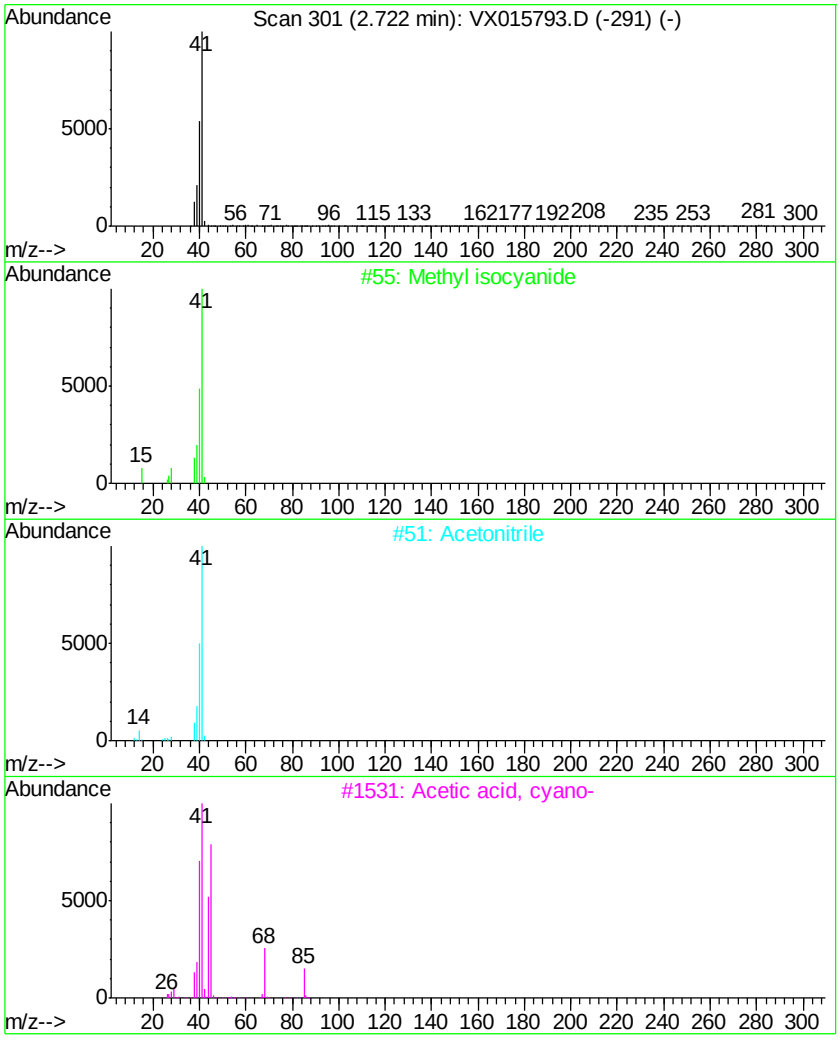
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

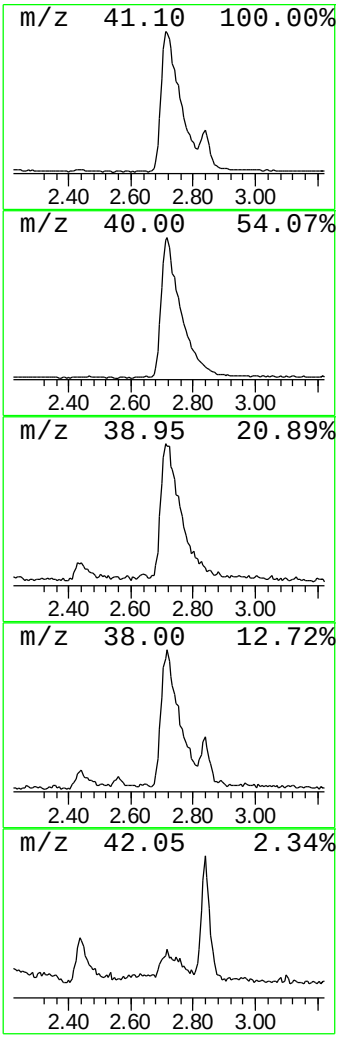
****

Peak Number 2 unknown2.72 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.72	25.71 ug/l	1503270	Pentafluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl isocyanide	41	C2H3N	000593-75-9	38
2	Acetonitrile	41	C2H3N	000075-05-8	38
3	Acetic acid, cyano-	85	C3H3NO2	000372-09-8	9
4	cis-Aconitic anhydride	156	C6H4O5	006318-55-4	7
5	Propyne	40	C3H4	000074-99-7	4





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042120\
Data File : VX015793.D
Acq On : 21 Apr 2020 14:46
Operator : JC/SP
Sample : L2279-07 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 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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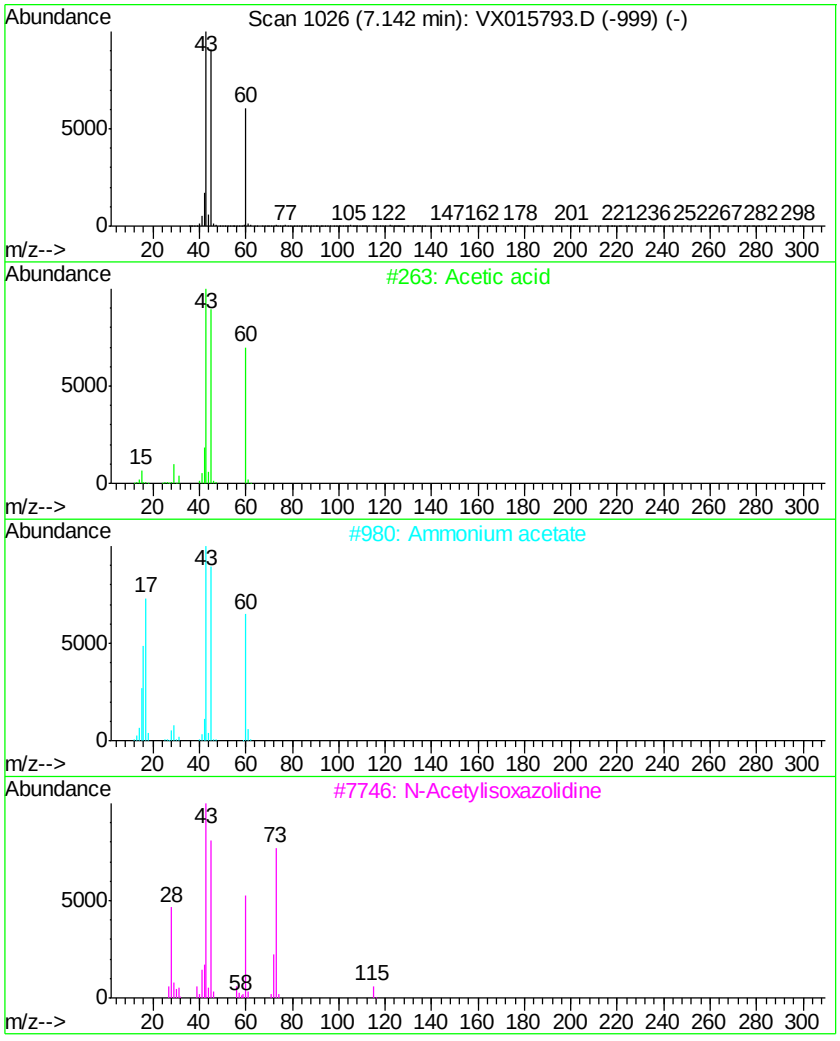
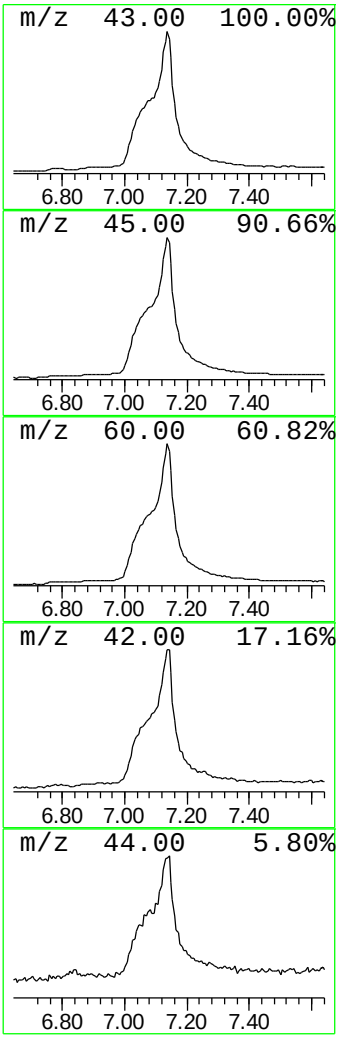
Peak Number 3 Acetic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	214.37 ug/l	15290900	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	N-Acetylisoxazolidine	115	C5H9NO2	115615-36-6	43
4	Nitrous acid, butyl ester	103	C4H9NO2	000544-16-1	9
5	Carbonic acid, bis(1-methylethyl...	146	C7H14O3	006482-34-4	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042120\
Data File : VX015793.D
Acq On : 21 Apr 2020 14:46
Operator : JC/SP
Sample : L2279-07 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 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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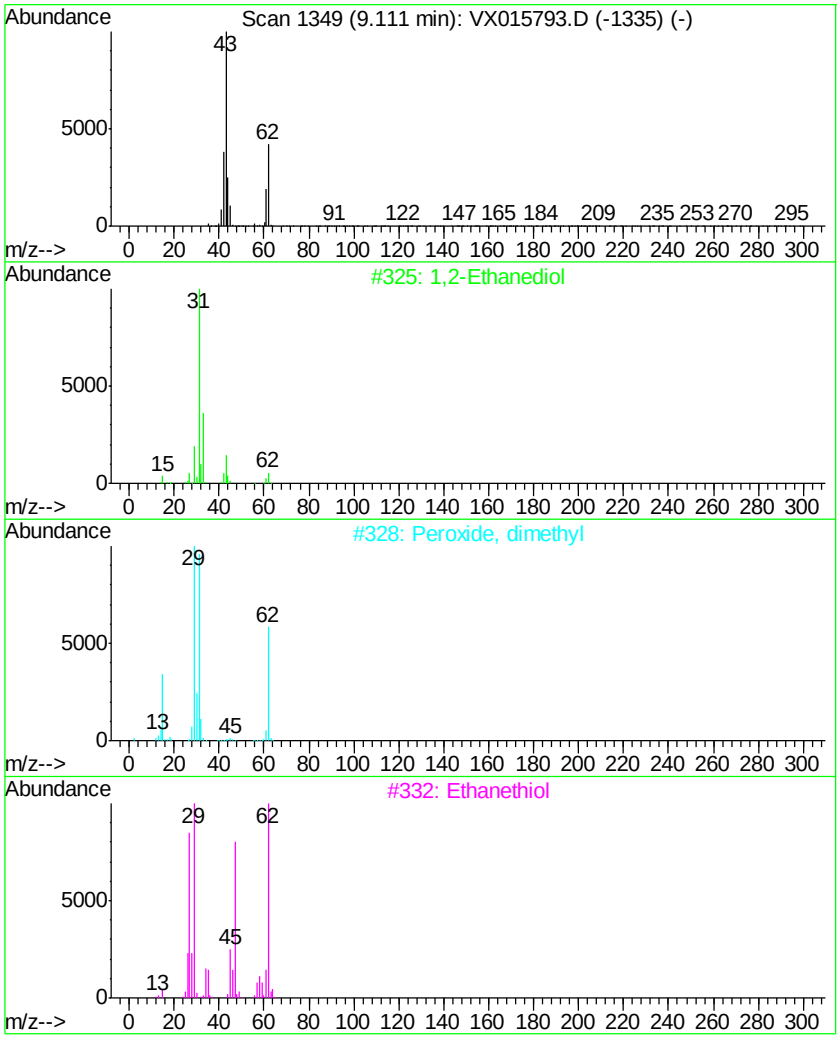
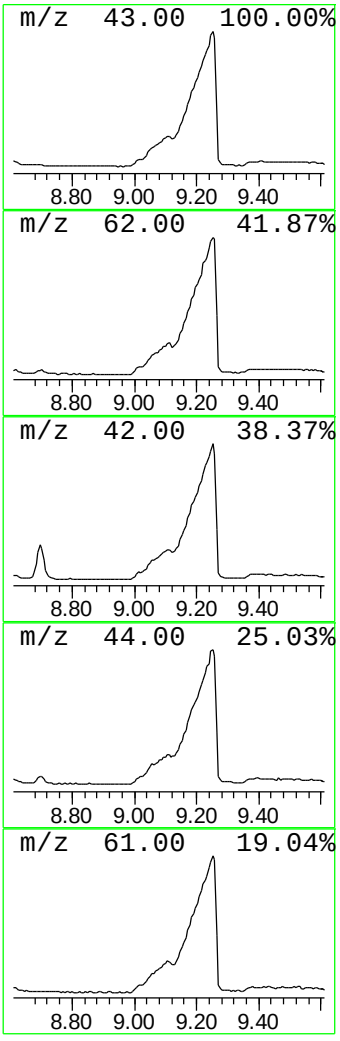
Peak Number 4 1,2-Ethanediol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	28.75 ug/l	2506900	Chlorobenzene-d5	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Ethanediol	62	C2H6O2	000107-21-1	50
2	Peroxide, dimethyl	62	C2H6O2	000690-02-8	5
3	Ethanethiol	62	C2H6S	000075-08-1	4
4	Ethene, chloro-	62	C2H3Cl	000075-01-4	4
5	Propane, 1-chloro-2-methyl-	92	C4H9Cl	000513-36-0	4





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042120\
Data File : VX015793.D
Acq On : 21 Apr 2020 14:46
Operator : JC/SP
Sample : L2279-07 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OILY-WATER

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

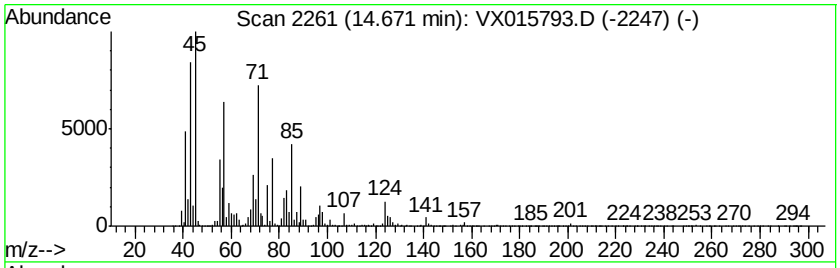
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

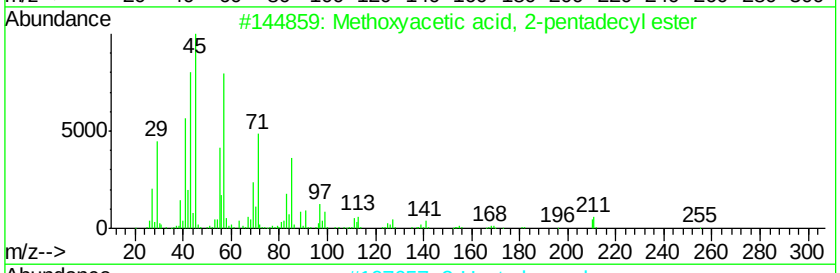
****

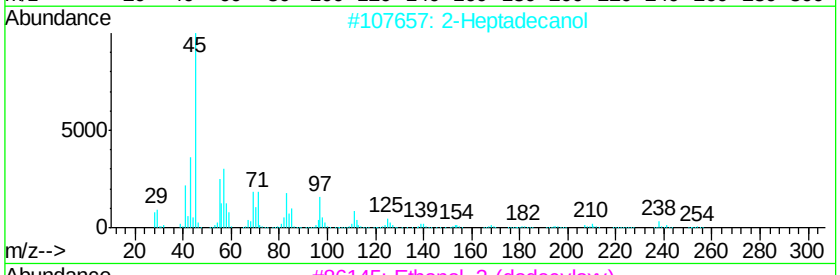
Peak Number 6 Methoxyacetic acid, 2-penta... Concentration Rank 5

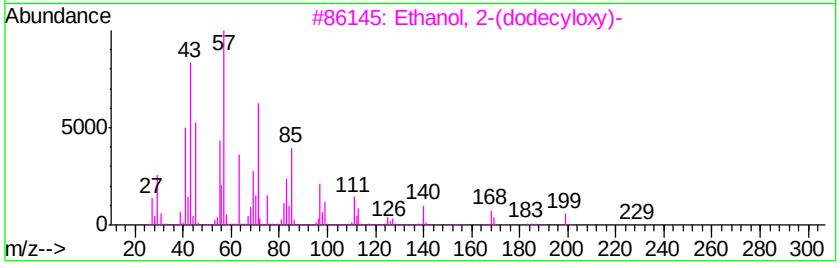
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	71.43 ug/l	7061480	1,4-Dichlorobenzene-d4	12.06

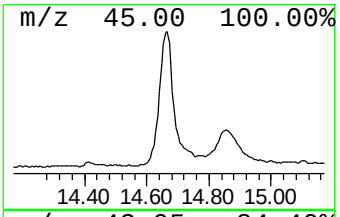
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, 2-pentadecyl...	300	C18H36O3	1000282-05-1	53
2	2-Heptadecanol	256	C17H36O	016813-18-6	41
3	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	38
4	2-Dodecanol	186	C12H26O	010203-28-8	35
5	2-Undecanol	172	C11H24O	001653-30-1	35

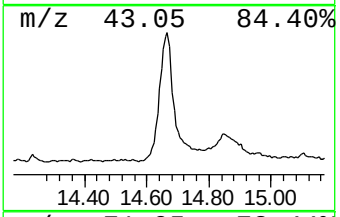


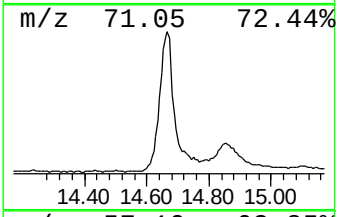


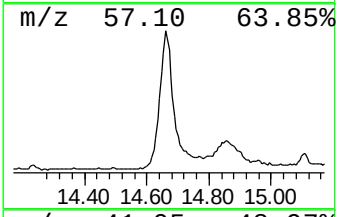


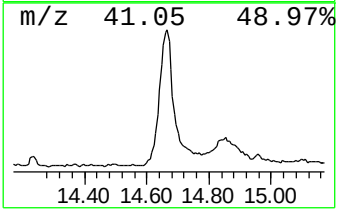












Library Search Compound Report

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Data File : VX015793.D
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Operator : JC/SP
Sample : L2279-07 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OILY-WATER

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

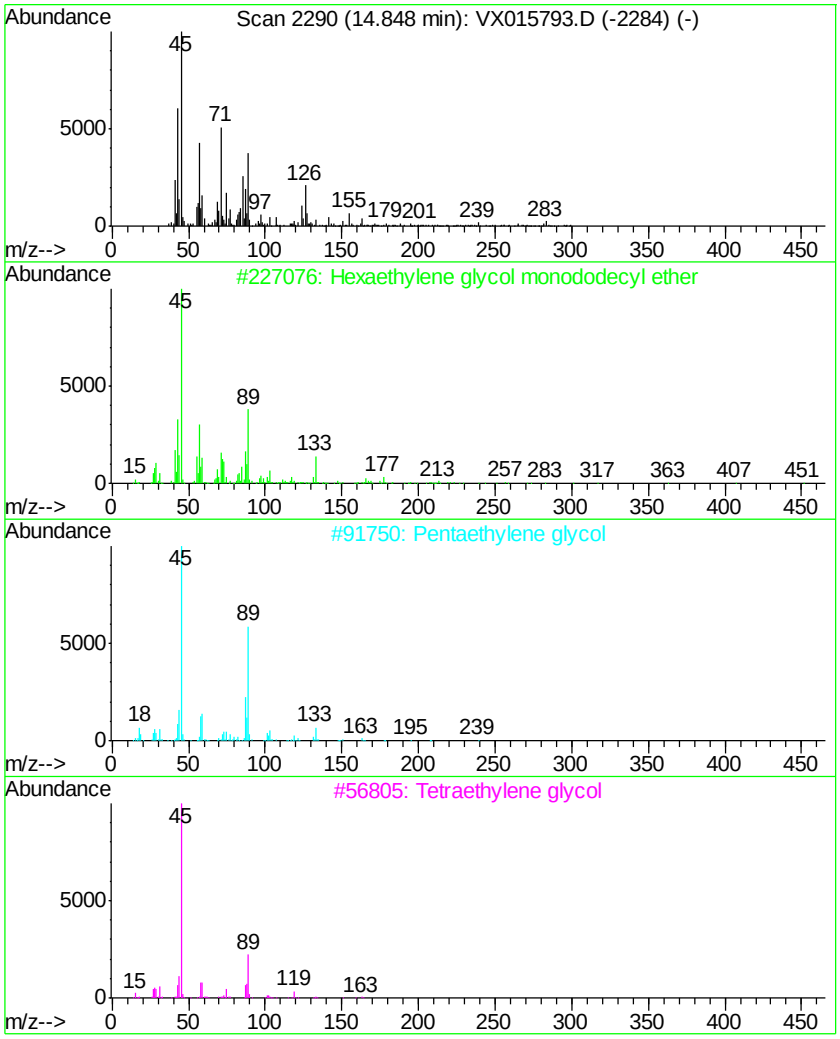
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

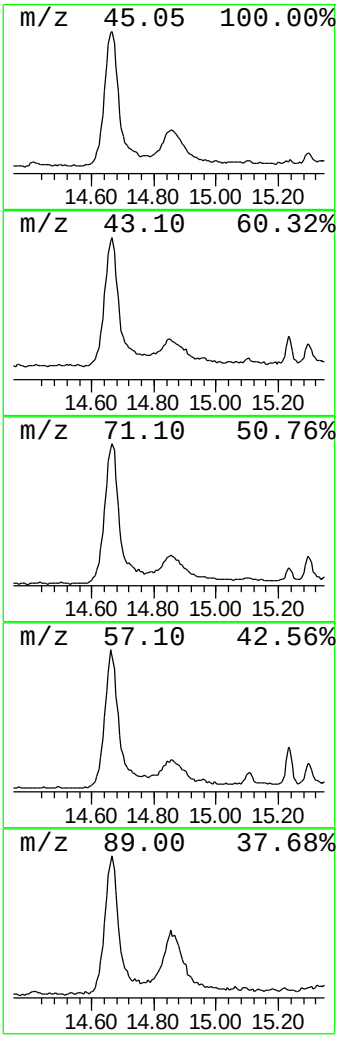
****

Peak Number 7 Hexaethylene glycol monodod... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	15.84 ug/l	1566150	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	53
2	Pentaethylene glycol	238	C10H22O6	004792-15-8	47
3	Tetraethylene glycol	194	C8H18O5	000112-60-7	47
4	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-...	546	C24H50O13	1000352-12-7	47
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	38





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Data File : VX015793.D
Acq On : 21 Apr 2020 14:46
Operator : JC/SP
Sample : L2279-07 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OILY-WATER

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

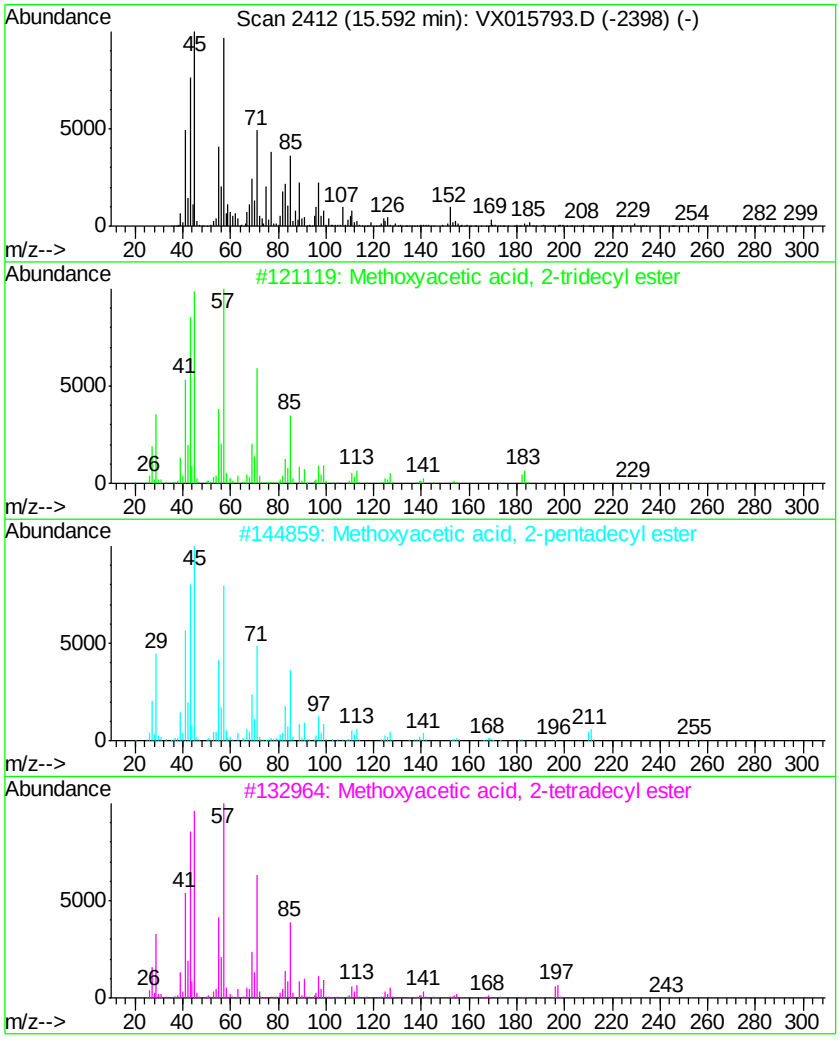
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

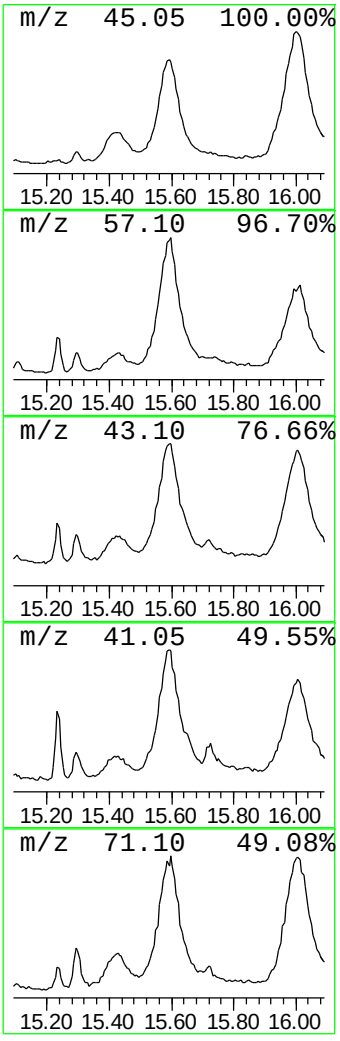
****

Peak Number 8 Methoxyacetic acid, 2-tride... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	65.10 ug/l	6435990	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, 2-tridecyl e...	272	C16H32O3	1000282-04-5	53
2	Methoxyacetic acid, 2-pentadecyl...	300	C18H36O3	1000282-05-1	49
3	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	49
4	Methoxyacetic acid, 3-pentadecyl...	300	C18H36O3	1000282-05-2	49
5	Methoxyacetic acid, 3-tetradecyl...	286	C17H34O3	1000282-04-9	49





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Instrument : MSVOA_X
ClientSampleId : OILY-WATER

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

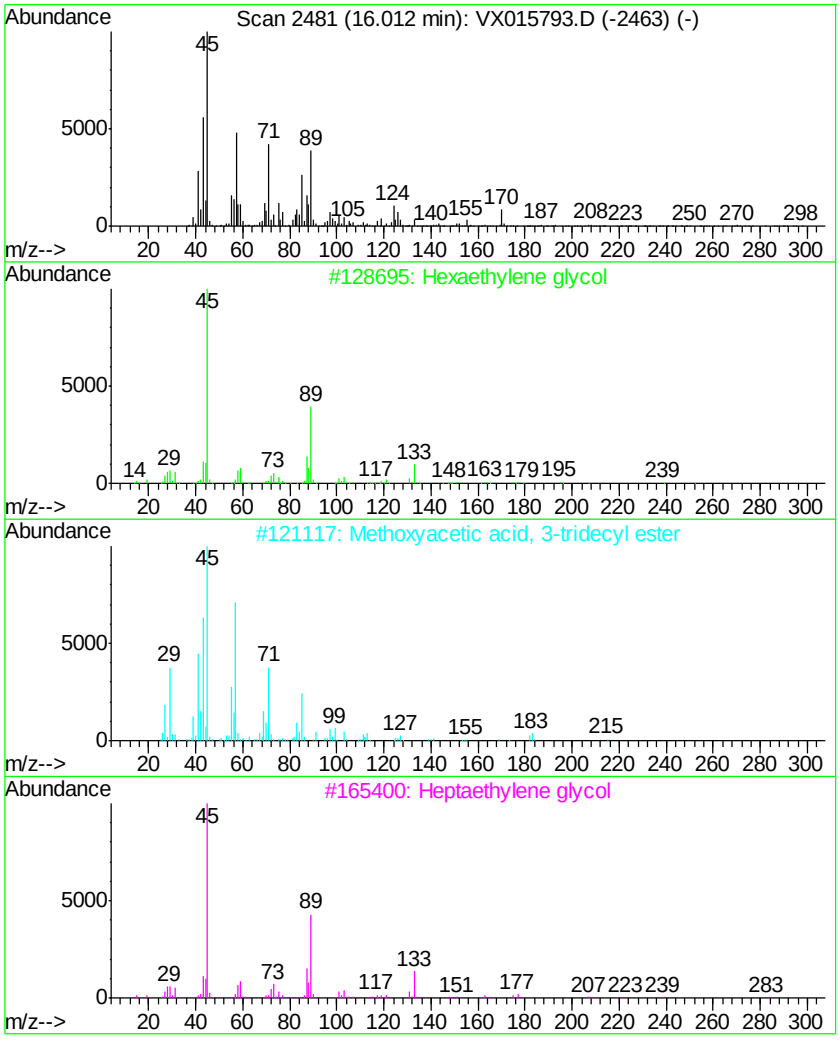
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

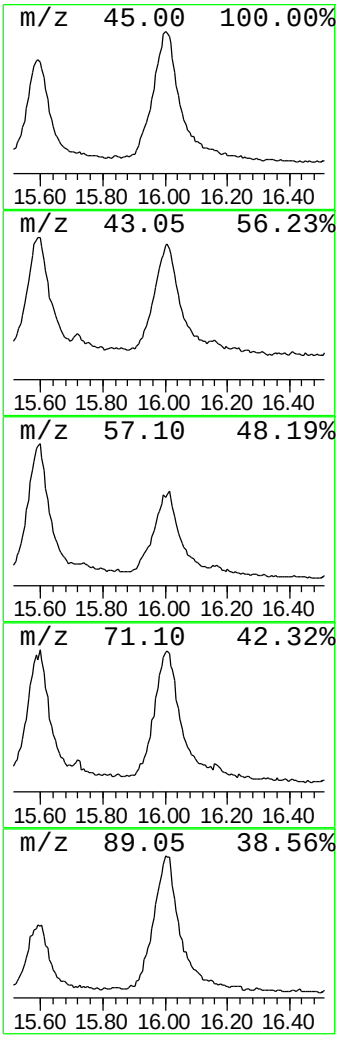
****

Peak Number 9 Hexaethylene glycol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	82.52 ug/l	8158030	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol	282	C12H26O7	002615-15-8	53
2	Methoxyacetic acid, 3-tridecyl e...	272	C16H32O3	1000282-04-6	50
3	Heptaethylene glycol	326	C14H30O8	005617-32-3	49
4	Pentaethylene glycol	238	C10H22O6	004792-15-8	49
5	Tetraethylene glycol	194	C8H18O5	000112-60-7	47





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Instrument : MSVOA_X
ClientSampleId : OILY-WATER

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

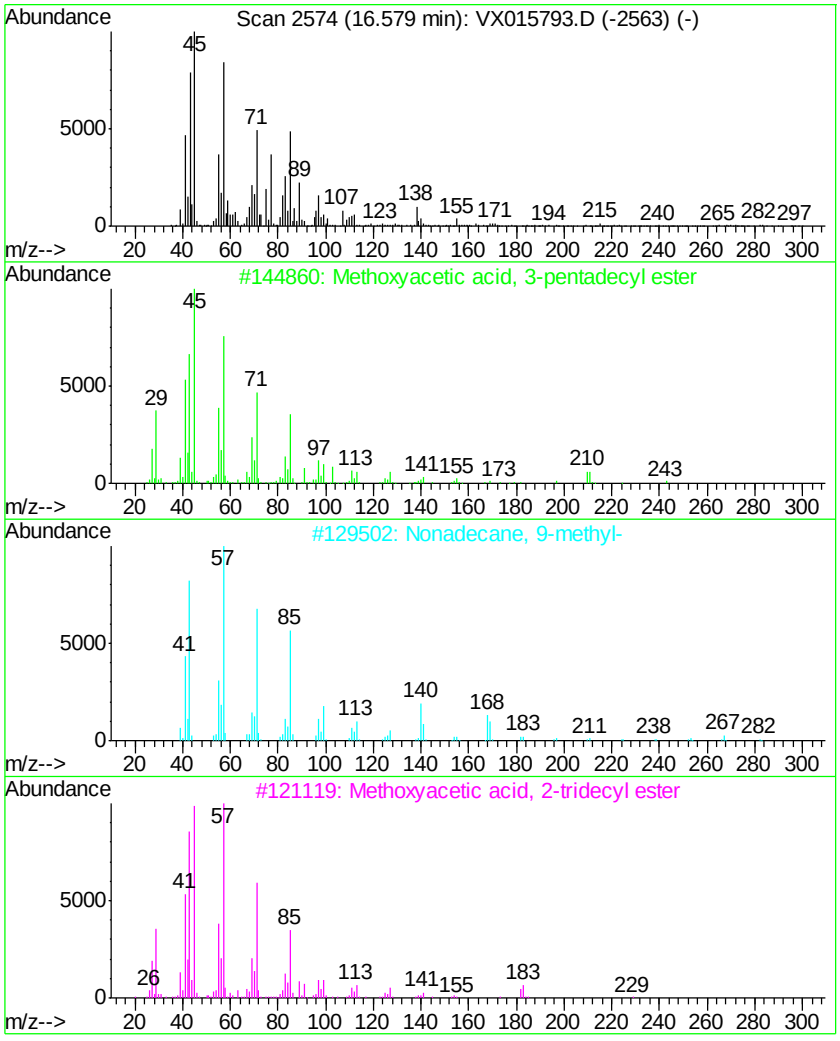
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

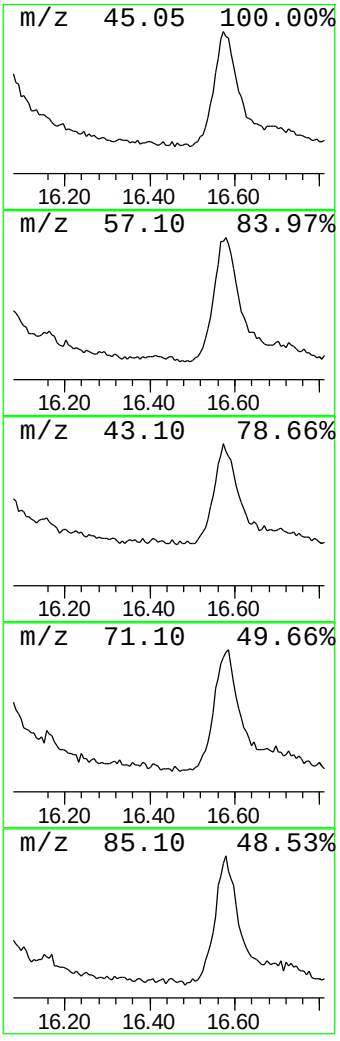
****

Peak Number 10 Methoxyacetic acid, 3-penta... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	28.24 ug/l	2791250	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, 3-pentadecyl...	300	C18H36O3	1000282-05-2	58
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	38
3	Methoxyacetic acid, 2-tridecyl e...	272	C16H32O3	1000282-04-5	38
4	Heptacosane	380	C27H56	000593-49-7	25
5	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042120\
Data File : VX015793.D
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ALS Vial : 12 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
unknown2.72	2.72	25.7	ug/l	1503270	1	5.64	2924080	50.0
Acetic acid	7.14	214.4	ug/l	15290900	2	6.84	3566450	50.0
1,2-Ethanediol	9.11	28.8	ug/l	2506900	3	10.10	4360010	50.0
Methoxyacetic aci...	14.67	71.4	ug/l	7061480	4	12.06	4942870	50.0
Hexaethylene glyc...	14.85	15.8	ug/l	1566150	4	12.06	4942870	50.0
Methoxyacetic aci...	15.59	65.1	ug/l	6435990	4	12.06	4942870	50.0
Hexaethylene glycol	16.01	82.5	ug/l	8158030	4	12.06	4942870	50.0
Methoxyacetic aci...	16.58	28.2	ug/l	2791250	4	12.06	4942870	50.0